

NOTICE OF OPEN MEETING

Posted 5:00 p.m. Friday, December 1, 2023

Notice is hereby given that the Neosho City Council will meet in regular session on Tuesday, December 5, 2023 at 7:00 p.m., in the Council Chambers at City Hall 203 East Main Street, Neosho, Missouri.

AGENDA REGULAR SESSION NEOSHO CITY COUNCIL

The agenda of this meeting includes:

OPENING PRAYER & PLEDGE OF ALLEGIANCE

CALL TO ORDER

ROLL CALL

APPROVAL OF AGENDA

CONSENT AGENDA

1. November 21, 2023 Open Session Council Minutes
2. November 21, 2023 Closed Session Council Minutes
3. November 30, 2023 Special Session Council Minutes
4. Bill No. 2023-190: Surplus of Mowers
5. Bill No. 2023-191: YMCA Contract for Pool Management
6. Bill No. 2023-192: FY2023 Budget Amendment
7. Bill No. 2023-193: FY2024 Budget Amendment

VISITOR'S BUSINESS

1. Stanley Duggar - Water Line

PROCLAMATION

1. Proclamation for Dan Cook

CORRESPONDENCE

1. Thank you to the Neosho Fire Department
2. Thank you from the Senior Center

BIDS

1. Hotel Feasability Study
2. Fire Rescue Truck
3. Police Officer Body Cam Bid
4. Waste Water Truck with Service Bed
5. Civic Plus Building Permitting, Inspections and Code Enforcement Program

December 5, 2023 City Council Meeting

NEW BUSINESS

1. Bill No. 2023-195: Terminal Agency Agreement Update for Police and Court
2. Bill No. 2023-196: Hotel Feasability Study Project Ordinance and Engagement Letter
3. Bill No. 2023-197: HSTCC MO-DED CDBG Downtown Revitalization
4. Bill No. 2023-198: Hugh Robinson Airport - MoDOT Aviation Grant # 21-096A-2 Amendment
5. Bill No. 2023-199: Amendment to Internet Services Agreement with Liberty Utilities
6. Resolution Bill No. 2023-09: HSTCC MOU
7. Resolution Bill No. 2023-10: Destruction of Records
8. Hickory Street Right-of-Way Request
9. Amendment to Electric Service Agreement with Liberty Utilities
10. Upper Zone Monitoring Meters
11. National Fire Safety Council
12. HomeServe- NLC Service Line Warranty
13. Alliance 2023 Fiscal Year End Repair Limit Overage

REPORT OF CITY OFFICERS

CLOSED SESSION

1. Section 610.021 (1) RSMo,...Legal actions, causes of action or litigation involving a public governmental body and any confidential or privileged communications between public governmental body or its representatives and its attorneys.
Section 610.021 (3) RSMo...Hiring, firing, disciplining or promoting an employee of a public governmental body.

ADJOURN

MINUTES
NEOSHO CITY COUNCIL
November 21, 2023 - 7:00 PM
Neosho Council Chambers
203 E. Main St., Neosho, MO

OPENING PRAYER & PLEDGE OF ALLEGIANCE

Shain Johnson opened with prayer and Mayor Davidson led the pledge of allegiance.

CALL TO ORDER

Mayor Davidson called the meeting to order at 7 p.m.

ROLL CALL

COUNCIL PRESENT:

Angela Thomas, Tom Workman, Julie Humphrey, Charles Collinsworth, Richard Davidson, Carl Cobb

COUNCIL ABSENT:

Ashton Robinson was absent.

CITY OFFICERS PRESENT:

David Kennedy, City Manager; Jordan Paul, City Attorney; and Cheyenne Wright, City Clerk, minutes taken by clerk.

APPROVAL OF AGENDA

Councilwoman Humphrey made a motion to Approve the Agenda; Councilman Cobb seconded.

Roll call vote:

Yes: Carl Cobb, Angela Thomas, Charles Collinsworth, Julie Humphrey, Richard Davidson, Tom Workman

No: None

Abstain: None

Passed.

CONSENT AGENDA

Councilman Cobb made a motion to Approve the Consent Agenda:

November 7, 2023 Open Session Council Minutes

November 7, 2023 Closed Session Council Minutes

Bill No. 2023-185

Bill No. 2023-186

Bill No. 2023-187

Bill No. 2023-188

Bill No. 2023-189;

Councilman Workman seconded.

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Roll call vote:

Yes: Carl Cobb, Angela Thomas, Charles Collinsworth, Julie Humphrey, Richard Davidson, Tom Workman

No: None

Abstain: None

Passed.

VISITOR'S BUSINESS

There was nobody present for visitor's business.

BIDS

Parks / Wastewater Mower bids

Parks and Recreation Director Balls addressed the city council stating that the purpose of this agenda item is to seek council approval for the purchase of three mowers, two 60 inch and one 72 inch Exmark mowers for Waste Water and the Parks Department. The Parks and the Wastewater departments bid our mowers together for the purpose of receiving better pricing. We sent out three bid packets to Exmark dealers in the four state area. We received two bids back:

Cowan Hardware, Springfield, Mo. for the amount of \$ 49,382.00

Swartz Tractor Sales and Service, Neosho Mo. for the amount of \$ 49,382.00

Also, on Swartz Tractor Sales and Service bid there was a free set of blades for each mower and free oil and filters for the 1st oil change for each mower, included.

The Parks and Wastewater combined budget is \$ 54,500.00

The park department budget for a new mower is \$ 20,000.00. The new mower came in at \$16,319.00.

The Wastewater department budget for the two new mowers is \$ 34,500.00. The new mowers came in at \$ 33,063.00

Councilwoman Thomas made a motion to Approve the bid from Swartz Tractor Sales and Service for the three mowers in the amount of \$49,382; Councilman Cobb seconded.

Roll call vote:

Yes: Carl Cobb, Angela Thomas, Charles Collinsworth, Julie Humphrey, Richard Davidson, Tom Workman

No: None

Abstain: None

Passed.

Golf Course Tractor Purchase

Parks and Recreation Director Balls addressed the city council stating that the purchase of this item is to seek approval for purchasing a 48 hp tractor for the Golf Course. The Golf Course budgeted for a new tractor for fiscal year 2024. The city participates in cooperative procurement programs such as Sourcwell and the following bid was received. Crown Power Equipment Co., LLC Monett, Mo. Kubota for the amount of \$ 36,507.80, for a Kubota 48 hp tractor and loader. The Golf Course budget for a tractor is \$ 40,000.00

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Councilwoman Humphrey made a motion to Approve the sourcewell bid from Crown Power Equipment Co., LLC in the amount of \$36,507.80; Councilwoman Thomas seconded.

Roll call vote:

Yes: Carl Cobb, Angela Thomas, Charles Collinsworth, Julie Humphrey, Richard Davidson, Tom Workman

No: None

Abstain: None

Passed.

Parks / Wastewater Sale of Mowers

Parks and Recreation Director Balls addressed the city council stating that the purpose of this item is to seek approval to sell two mowers.

Staff put three mowers out to bid to the public. One parks department mower is a 60 inch Exmark mower with approximately 1600 hours. One for the wastewater department: a 72 inch Exmark mower with approximately 1100 hours. We received four bids, with Travis Lake of Neosho giving the best bid on both mowers.

Parks mower - the bid was in the amount of \$ 2,154.00

Waste Water mower - the bid was in the amount of \$2,710.00

The city will retain the third mower and transfer it to the Airport.

Councilwoman Thomas made a motion to Approve the sale of two mowers to Travis Lake in the amount of \$4,864.00; Councilman Cobb seconded.

Roll call vote:

Yes: Carl Cobb, Angela Thomas, Charles Collinsworth, Julie Humphrey, Richard Davidson, Tom Workman

No: None

Abstain: None

Passed.

NEW BUSINESS

Resolution Bill No. 2023-08: Economic Development Policy

Suspend the rules to move Res. Bill No. 2023-08 before Bill No. 2023-194 for possible approval of the policy first prior to approving a funding agreement.

A RESOLUTION of the City of Neosho, Missouri, approving an Economic Development Incentives Policy.

Attorney Paul read Resolution Bill No. 2023-08 in title only.

Councilman Cobb made a motion to Approve and Discuss Resolution Bill No. 2023-08; Councilwoman Humphrey seconded.

Attorney Paul explained that this is the Economic Development Incentives Policy that would be followed for

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any other future projects.

Roll call vote:

Yes: Carl Cobb, Angela Thomas, Charles Collinsworth, Julie Humphrey, Richard Davidson, Tom Workman

No: None

Abstain: None

Passed.

Bill No. 2023-194: Chapter 100 Funding Agreement

AN ORDINANCE approving a funding agreement between the City of Neosho, Missouri and Clearwater Milling, LLC, relating to the development of an industrial development project.

Attorney Paul read Bill No. 2023-194 in title only.

Councilwoman Thomas made a motion to Approve and Discuss Bill No. 2023-194; Councilman Workman seconded.

Mayor Davidson explained to the Council, his communications with Gilmore & Bell regarding this project and the Chapter 100 Bonds. He feels this will be a good opportunity for this company and the city.

Roll call vote:

Yes: Carl Cobb, Angela Thomas, Charles Collinsworth, Julie Humphrey, Richard Davidson, Tom Workman

No: None

Abstain: None

Passed.

Bill No. 2023-190: Surplus of Mowers

AN ORDINANCE OF THE CITY OF NEOSHO, MISSOURI DECLARING CERTAIN PERSONAL PROPERTY AS SURPLUS; AND AUTHORIZING THE CITY MANAGER TO EXECUTE THE APPROPRIATE DOCUMENTS.

Attorney Paul read Bill No. 2023-190 in title only.

Councilman Collinsworth made a motion to Approve and Discuss Bill No. 2023-190; Councilwoman Humphrey seconded.

Parks and Recreation Director Balls addressed council stating that there are two older used 60 inch Exmark mowers in the Parks Department and the Waste Water department has an older used 72 inch Exmark mower needing to be surplussed.

Roll call vote:

Yes: Carl Cobb, Angela Thomas, Charles Collinsworth, Julie Humphrey, Richard Davidson, Tom Workman

No: None

Abstain: None

Passed.

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Bill No. 2023-191: YMCA Contract for Pool Management

AN ORDINANCE authorizing the City of Neosho, Missouri, to enter into an Agreement with Tri-State Family Young Men's Christian Association, a Missouri Non-Profit Corporation, for the purpose of managing and operating the Neosho Municipal Pool for the not to exceed price of Forty-Five Thousand and 00/100 Dollars (\$45,000.00); and authorizing the Mayor to execute the same by and on behalf of the City of Neosho.

Attorney Paul read Bill No. 2023-191 in title only.

Councilman Collinsworth made a motion to Approve and Discuss Bill No. 2023-191; Councilman Workman seconded.

City Manager Kennedy addressed the city council stating that the purpose of this agreement is to continue the partnership with the Neosho YMCA for the pool operations.

The last agreement signed in 2020 was a three-year agreement which ended in 2023. This agreement includes updated language to include an annual CPI. The previous contract in 2020 was for \$ 40,000.00, the YMCA has requested the new contract in the amount of \$ 45,000.00 with an annual CPI.

Roll call vote:

Yes: Carl Cobb, Angela Thomas, Charles Collinsworth, Julie Humphrey, Richard Davidson, Tom Workman

No: None

Abstain: None

Passed.

Bill No. 2023-192: FY2023 Budget Amendment

AN ORDINANCE OF THE CITY OF NEOSHO, MISSOURI, PROVIDING THAT THE REVENUES AND EXPENDITURES BUDGET BE AMENDED FOR THE FISCAL YEAR BEGINNING OCTOBER 1, 2022 AND ENDING SEPTEMBER 30, 2023.

Attorney Paul read Bill No. 2023-192 in title only.

Councilwoman Thomas made a motion to Approve and Discuss Bill No. 2023-192; Councilman Collinsworth seconded.

Finance Director Forest addressed the city council stating that our fiscal year ended September 30th. Staff is requesting this amendment to clean up some of the accounts for the end of the Fiscal Year.

Fund Increase (Decrease)

100 General Fund \$1,815,215.00

124 Shop With A Cop \$1,958.00

130 Fire Fund \$292,452.00

170 Drainage Fund \$104,246.00

175 Senior Center Fund \$41,811.00

180 Parks Fund \$191,133.00

195 Auditorium Fund \$150,573.00

300 Capital Fund \$91,605.00

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310 Hotel/Motel (\$845.00)
450 Golf Fund \$204,579.00
500 Water/Wastewater Fund \$361,587.00
800 Street Department \$217,743.00
833 TDD Street Fund \$28,038.00
900 Street/Bridge Tax \$83,394.00
Total City Increase (Decrease) in Fund Balance \$3,493,489.00

Roll call vote:

Yes: Carl Cobb, Angela Thomas, Charles Collinsworth, Julie Humphrey, Richard Davidson, Tom Workman

No: None

Abstain: None

Passed.

Bill No. 2023-193: FY2024 Budget Amendment

AN ORDINANCE OF THE CITY OF NEOSHO, MISSOURI, PROVIDING THAT THE REVENUES AND EXPENDITURES BUDGET BE AMENDED FOR THE FISCAL YEAR BEGINNING OCTOBER 1, 2023 AND ENDING SEPTEMBER 30, 2024.

Attorney Paul read Bill No. 2023-193 in title only.

Councilman Cobb made a motion to Approve and Discuss Bill No. 2023-193; Councilman Workman seconded.

Finance Director Forest stated that the purpose of this item is to amend City revenue budgets to reflect changes since the adoption of the original FY2024 budget.

Staff is requesting to amend the budget for Settlement Revenues received in FY 2024.

Fund Increase (Decrease)

100 General Fund \$21,206.00

800 Street Department \$349,425.00

Total City Increase (Decrease) in Fund Balance \$370,631.00

Roll call vote:

Yes: Carl Cobb, Angela Thomas, Charles Collinsworth, Julie Humphrey, Richard Davidson, Tom Workman

No: None

Abstain: None

Passed.

HomeServe Warranty Program

The Home Serve Warranty Program was explained by Finance Director Forest.

REPORT OF CITY OFFICERS

Finance Report- October Financials

Finance Director Forest updated the council on the financials.

Golf Course Management

City Manager Kennedy asked for direction from council on whether or not to seek RFPs for a management company to manage the golf course.

By a consensus of council to seek these RFPs.

Public Information Officer Announced

City Manager Kennedy announced that a new Public Information Officer has been hired and will start January 2, 2024.

Cemetery Lawn & Landscaping

City Clerk Wright updated the council on Benny's Lawn & Landscaping submitting a letter that he can no longer care for the cemetery lawn and landscaping due to cost. Staff will go out for bid and submit those bids to council.

CLOSED SESSION

Mayor Davidson made a motion to go into closed session under Section 610.021 (1) and 610.021 (3) RSMo; Councilman Cobb seconded.

Roll call vote:

Yes: Carl Cobb, Angela Thomas, Charles Collinsworth, Julie Humphrey, Richard Davidson, Tom Workman

No: None

Abstain: None

Passed.

Mayor Davidson closed the meeting at 8:04 p.m.

Mayor Davidson reconvened the meeting at 8:52 p.m. and stated that three votes were taken.

ADJOURN

There being no further business to come before the city council, the mayor asked for a motion to adjourn.

Councilwoman Thomas made a motion to Adjourn; Councilman Workman seconded.

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Roll call vote:

Yes: Carl Cobb, Angela Thomas, Charles Collinsworth, Julie Humphrey, Richard Davidson, Tom Workman

No: None

Abstain: None

Passed.

Mayor Davidson closed the November 21, 2023 Council Meeting at 8:52 p.m.

APPROVED

ATTEST

NEOSHO CITY COUNCIL

Mayor

City Clerk

MINUTES
NEOSHO CITY COUNCIL
November 30, 2023 - 4:00 PM
Neosho Council Chambers
Was moved to the City Hall Conference Room due to Municipal Court being held.
Postings were made on all City Hall Boards to inform the public of the change.
203 E. Main St., Neosho, MO

CALL TO ORDER

Mayor Davidson called the meeting to order at 4 p.m. The meeting was held in the City Hall Conference Room and open to the public. Postings were made on all City Hall boards to inform the public where the meeting was being held.

ROLL CALL

COUNCIL PRESENT:

Charles Collinsworth, Julie Humphrey, Carl Cobb, Richard Davidson

COUNCIL ABSENT:

Angela Thomas, Ashton Robinson, Tom Workman

CITY OFFICERS PRESENT:

David Kennedy, City Manager; Jordan Paul, City Attorney; and Cheyenne Wright, City Clerk, minutes taken by clerk.

APPROVAL OF AGENDA

Councilman Cobb made a motion to Approve the Agenda; Councilwoman Humphrey seconded.

Roll call vote:

Yes: Carl Cobb, Charles Collinsworth, Julie Humphrey, Richard Davidson

No: None

Abstain: None

Passed.

NEW BUSINESS

PFAS Class Action Lawsuit

Discussion was held among the Council and City Attorney Paul as he lay out the options for the PFAS Class Action Lawsuit.

By a consensus of council to not opt out of the class action lawsuit.

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CLOSED SESSION

There was no closed session.

Section 610.021 (1) RSMo,...Legal actions, causes of action or litigation involving a public governmental body and any confidential or privileged communications between public governmental body or its representatives and its attorneys.

ADJOURN

There being no further business to come before the city council, Mayor Davidson asked for a motion to adjourn.

Councilman Cobb made a motion to Adjourn; Councilman Collinsworth seconded.

Roll call vote:

Yes: Carl Cobb, Charles Collinsworth, Julie Humphrey, Richard Davidson

No: None

Abstain: None

Passed.

Mayor Davidson adjourned the special session November 30th, 2023 meeting at 4:32 p.m.

APPROVED

ATTEST

NEOSHO CITY COUNCIL

Mayor

City Clerk

REQUESTED COUNCIL MEETING DATE: November 21, 2023

ITEM: Bill No. 2023-190: Surplus of Mowers

ORIGINATING DEPARTMENT: Parks and Recreation Department

ATTACHMENT:

1. Bill No. 2023-190 Surplus Parks-WW Mowers

PURPOSE:

The purpose is to seek council's approval to surplus the equipment as presented.

BACKGROUND:

The Parks department has an older used 60 inch Exmark mower and the Waste Water department has an older used 72 inch Exmark mower needing to be surplussed.

The Parks department mower has approximately 1600 hours.

The Waste Water department mower has approximately 1100 hours.

These mowers will be sold through a competitive bidding process.

RECOMMENDATION:

Staff recommends to surplus these two mowers.

AN ORDINANCE OF THE CITY OF NEOSHO, MISSOURI DECLARING CERTAIN PERSONAL PROPERTY AS SURPLUS; AND AUTHORIZING THE CITY MANAGER TO EXECUTE THE APPROPRIATE DOCUMENTS.

WHEREAS, THE CITY OF NEOSHO HAS OBTAINED CERTAIN PERSONAL PROPERTY; AND

WHEREAS, THE CITY OF NEOSHO HAS DEEMED SAID PERSONAL PROPERTY TO BE SURPLUS AND NOT NECESSARY FOR FUTURE CITY NEEDS.

BE IT ORDAINED BY THE COUNCIL OF THE CITY OF NEOSHO, MISSOURI, AS FOLLOWS:

Section 1: That the City of Neosho, Missouri declares the following items of personal property to be surplus:

Exmark Zero Turn 60-inch Mower SN 400669640

Exmark Zero Turn 72-inch Mower SN 313616993

Section 2. That the City Manager is hereby authorized to execute the appropriate documents on behalf of the City of Neosho.

PASSED BY THE COUNCIL OF THE CITY OF NEOSHO, MISSOURI, this _____ day of _____, 2023 by a vote of _____.

CITY OF NEOSHO

Richard Davidson, Mayor

ATTEST:

Cheyenne Wright, City Clerk

APPROVED AS TO FORM:

Jordan L. Paul, City Attorney

REQUESTED COUNCIL MEETING DATE: November 21, 2023

ITEM: Bill No. 2023-191: YMCA Contract for Pool Management

ORIGINATING DEPARTMENT: Parks and Recreation Department

ATTACHMENT:

1. Bill No. 2023-191 YMCA Contract RE Neosho Municipal Pool
 2. Contract with YMCA - Neosho Municipal Pool 2024-2026
-

PURPOSE:

The purpose of this agreement is to continue the partnership with the Neosho YMCA for the pool operations.

BACKGROUND:

The last agreement signed in 2020 was a three-year agreement which ended in 2023. This agreement includes updated language to include an annual CPI.

The previous contract in 2020 was for \$ 40,000.00, the YMCA has requested the new contract in the amount of \$ 45,000.00 with an annual CPI.

RECOMMENDATION:

Staff recommends approval of this contract and Mayor to execute.

AN ORDINANCE authorizing the City of Neosho, Missouri, to enter into an Agreement with Tri-State Family Young Men's Christian Association, a Missouri Non-Profit Corporation, for the purpose of managing and operating the Neosho Municipal Pool for the not to exceed price of Forty Five Thousand and 00/100 Dollars (\$45,000.00); and authorizing the Mayor to execute the same by and on behalf of the City of Neosho.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF NEOSHO, MISSOURI, as follows:

Section 1. That the Agreement by and between the City of Neosho, Missouri, and Tri-State Family Young Men's Christian Association, a Missouri Non-Profit Corporation, for the purpose of managing and operating the Neosho Municipal Pool for the not to exceed price of Forty Five Thousand and 00/100 Dollars (\$45,000.00), a true and accurate copy of said Agreement being attached hereto and incorporated as Exhibit "A," be and the same is hereby approved.

Section 2. That the Mayor of the City of Neosho, Missouri, is hereby authorized and directed to execute said Agreement by and on behalf of the City of Neosho.

PASSED BY THE COUNCIL OF THE CITY OF NEOSHO, MISSOURI, this ____ day of _____, 2023, by a vote of _____.

Richard Davidson, Mayor

ATTEST:

Cheyenne Wright, City Clerk

APPROVED AS TO FORM:

Jordan L. Paul, City Attorney

**INDEPENDENT CONTRACTOR
AND LICENSE AGREEMENT**

THIS INDEPENDENT CONTRACTOR AND LICENSE AGREEMENT (“this Agreement”) is made and entered into this ____ day of December, 2023 (“the Effective Date”), by and between the City of Neosho, Missouri, a Missouri Municipal Corporation (“City”), and Tri-State Family Young Men’s Christian Association, a Missouri Non-Profit Corporation (“Contractor”), and with City and Contractor being referred to collectively as “the Parties.”

W I T N E S S E T H:

WHEREAS, City is the owner of real property and improvements, commonly known as the Neosho Municipal Pool located at 416 Fairground Rd, Neosho, Missouri, hereinafter referred to as “the Property”; and

WHEREAS, Contractor is a Missouri Non-Profit Corporation with aquatics facilities and programming; and

WHEREAS, City desires to hire Contractor to manage and operate the Property as a municipal pool pursuant to the terms and conditions of this Agreement; and

WHEREAS, Contractor desires be hired by City to manage and operate the Property as a municipal pool pursuant to the terms and conditions of this Agreement.

NOW, THEREFORE, in exchange for valuable consideration each received from the other, the receipt and sufficiency of which are hereby acknowledged, the Parties do hereby agree as follows:

1. Recitals Incorporated. The above recitals are incorporated as if restated in full herein.
2. Term. The original term of this Agreement shall commence on the Effective Date, for a term of three (3) years extending to and until December 5, 2026.
3. Contractor’s Services. Contractor agrees to diligently perform in a professional and workmanlike manner the following services:
 - a. Contractor agrees to manage and operate the Property as a municipal pool.
 - b. Contractor agrees to comply with all applicable licensing and regulations, including those promulgated by the Missouri Department of Health and Senior Services.
 - c. Although the exact dates may change from year to year, it is the intent of the Parties that the pool will be open to the public daily between Memorial Day and Labor Day of each year. City will fill the pool with water at least 10 days prior to opening to the public each

year. Contractor will immediately notify City if Contractor closes the pool during normal hours of operation.

d. Contractor is entitled to retain any admission and rental income from the Property. Contractor will charge Neosho residents as follows: free for ages 3 and under; \$2.00 daily for ages 4-15; and \$3.00 daily for ages 16 and over. Neosho residents may rent the municipal pool at the rate of \$200 for 2 hours without inflatables or \$250 for 2 hours with inflatables. In no event will Neosho residents be charged more than non-residents. However, Contractor may waive the foregoing fees for its members as a benefit of membership.

e. Contractor will provide an adequate number of lifeguards, all of whom will be certified by the Red Cross or YMCA.

f. Contractor will maintain the Property, including day-to-day cleaning of the grounds, locker rooms, and pool. Contractor is responsible for the cost of locker room paper products. Contractor will maintain the chemistry of the pool. Contractor is responsible for the cost of pool chemicals. Contractor is responsible for the cost of electric utilities for the months of May, June, July, and August. City is responsible for mowing the Property. City is responsible for all other utilities.

g. Contractor will have the exclusive right to provide swimming lessons and water exercise at the Property.

h. Contractor will immediately notify City of any necessary repairs at the Property. Any repairs will be at City's sole discretion.

i. Contractor will immediately notify City of any injuries on the Property.

j. City and Contractor may agree to additional services as herein provided.

4. Costs and Payment. It is agreed by the Parties that Contractor will be compensated for the foregoing Scope of Services at the annual rate of \$45,000.00. Contractor will be paid as follows: 25% on May 25 of each year; 25% on June 25 of each year; 25% on July 25 of each year; and 25% on August 25 of each year. Contractor may annually increase the fees payable under this Agreement by an amount not to exceed the average annual change for the prior calendar year in the Consumer Price Index for All Urban Consumers – All Items (seasonally unadjusted) (collectively the "CPI-U"). In no event will City be liable for overtime pay. Contractor will provide all labor, materials, and equipment.

5. Independent Contractor. This Agreement does not create an employer-employee relationship between the parties. Contractor is an independent contractor and is not entitled to any benefits including health, dental, vision, disability, life, and unemployment insurance, worker's compensation coverage, and LAGERS. Contractor is an independent contractor and not an employee for all purposes including the application of the Fair Labor Standards Act Minimum Wage and Overtime Payments, Federal Insurance Contribution Act, Social Security Act, Federal

Unemployment Tax Act, and the provisions of the Internal Revenue Code, Missouri Revenue and Taxation Laws, and Missouri's Worker Compensation Laws and Unemployment Insurance Laws.

6. License. City grants Contractor a non-exclusive license to access and use the real property and improvements commonly known as the Neosho Municipal Pool located at 416 Fairground Rd, Neosho, Missouri, herein referred to as "the Property" for the purpose of managing and operating the Property as a municipal pool.

7. License Fee. Intentionally omitted

8. Fixtures and Alterations. City and Contractor agree that the Property is licensed in an "AS IS" condition. Licensee shall not make or cause to be made any alterations, additions, or improvements, or install or cause to be installed any trade fixtures, floor covering, interior or exterior lighting, plumbing fixtures, shade or awnings, paving or landscaping, or make any changes to the Property without first obtaining City's consent in writing. If this Agreement is terminated, any improvements made by Contractor will become the property of City, with no compensation of any kind owed to Contractor.

9. Damage or Destruction of the Property. In the event that the Property is destroyed or damaged so as to be unfit for use by fire, storm, explosion, earthquake or other casualty, so as not to be capable of being economically rebuilt or restored, as determined at City's sole discretion, then this Agreement shall be automatically terminated.

10. Amendments. The covenants and obligations herein contained are the full and complete terms of this Agreement, and no alteration, amendments, or changes to such terms shall be binding unless first reduced to writing and executed with the same formality as this Agreement.

11. Assignment. This Agreement, including payment hereunder, shall not be sub-let, assigned, or otherwise disposed of, except with the prior written consent of the City.

12. Attorney's Fees and Expenses. Intentionally omitted.

13. Choice of Law and Venue. This Agreement has been made, and its validity, performance and effect shall be determined, in accordance with the laws of the State of Missouri and venue for litigation between the parties shall be solely and exclusively in Newton County, Missouri.

14. Compliance with laws. Contractor shall observe and comply with all Federal, State, and local laws and ordinances that affect those employed or engaged by it on the project, or the material or equipment used, or the conduct of the work, and shall procure all necessary licenses, permits, and insurance.

15. Consequential Damages. In no event shall City be liable to Contractor for special, indirect, or consequential damages.

16. Counterparts. This Agreement may be signed in counterparts, each of which shall be deemed an original, but all of which shall constitute one and the same instrument. Facsimile signatures shall be given the same force and effect as original signatures.

17. Entire Agreement. This Agreement (including any Exhibits) contains the entire understanding of the parties with respect to the subject matter hereof. It may not be altered or amended except by an agreement in writing signed by both parties.

18. Ethics. Contractor warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for Contractor, to solicit or secure this Agreement, and that it has not paid or agreed to pay any company or person, other than a bona fide employee working solely for Contractor, any fee, commission, gift, or contingent fee.

19. Headings. The headings of paragraphs in this Agreement are for convenience only. The headings form no part of this Agreement and shall not affect its interpretation.

20. Indemnification. To the fullest extent permitted by law, Contractor agrees to defend with counsel selected by City, and indemnify and hold harmless City, its officers, engineers, representatives, agents, and employees from and against any and all liabilities, damages, losses, claims, or suits, including costs and attorneys' fees, for or on account of any kind of injury to person, bodily or otherwise, or death, or damage to or destruction of property, or any other circumstances, sustained by City or others, arising from breach or enforcement of this Agreement or out of services and operations negligently performed hereunder by Contractor, or claims relating thereto, and including but not limited to City's reliance on or use of the services or products provided by Contractor under the terms of this agreement. Contractor shall not be liable for any loss or damage attributable solely to the negligence of City.

21. Insurance. Contractor shall secure and maintain at its own cost and expense, throughout the duration of this Agreement, insurance of such types and in such amounts as may be necessary to protect it and the interests of City against all hazards or risks of loss as hereunder specified or which may arise out of the performance of this Agreement. Specifically, Contractor shall carry general liability and automobile insurance policies with coverage limits of no less than \$2 million per policy.

22. Non-Discrimination. In performance of the work covered by this Agreement, Contractor shall not discriminate against any worker because of race, creed, color, political affiliation, handicap, or national origin.

23. Notices. All notices required or permitted hereinunder and required to be in writing may be given by first class mail addressed to City and Consultant at the addresses as follows:

City of Neosho, Missouri
ATTN: City Manager
203 E. Main St.
Neosho, MO 64850

Tri-State Family Young Men's Christian Association
Attn: CEO
4701 Chouteau St.
Neosho, MO 64850

The date of delivery of any notice given by mail shall be the date falling on the second full day after the day of its mailing.

24. Representations. The signatories hereto represent and warrant that they have read this Agreement, that they are fully authorized in the capacities shown, that they understand the terms of this Agreement, and that they are executing the same voluntarily and solely for the consideration described herein.

25. Severability. If any of the provisions of this Agreement shall be construed to be invalid or illegal, the legality or validity of the other provisions of this Agreement shall not be effected thereby. Any illegal or invalid provision of this Agreement shall be severable and any other provisions shall remain in full force and effect.

26. Termination. City reserves the right to terminate this contract by giving at least five (5) days prior written notice to Contractor, without prejudice to any other rights or remedies of City, should Contractor be adjudged bankrupt, or if Contractor should make a general assignment for the benefit of its creditors, or if a receiver should be appointed for Contractor or for any of its property, or if Contractor should persistently or repeatedly fail or refuse to supply enough properly skilled workmen or proper material, or if Contractor should fail or refuse to make prompt payment to any person supplying labor or materials for the work under the contract, or persistently disregard instructions of City or fail to observe or perform any provisions of the contract. Either party may terminate this Agreement, without cause, by giving the other party sixty (60) days' written notice of the same.

27. Third-Party Beneficiaries. This Agreement shall not confer any rights or remedies upon any person other than the parties and their respective successors and permitted assigns.

28. Unauthorized Aliens. That pursuant to Missouri Revised Statute Sections 285.525 through 285.555, if this contract exceeds the amount of \$5,000.00 and Contractor is associated with a business entity, Contractor shall provide an acceptable notarized affidavit stating that the associated business entity is enrolled in and participates in a federal work authorization program with respect to the employees working in connection with the contracted services, and that said business entity does not knowingly employ any person who is an unauthorized alien in connection with the contracted services. Additionally, Contractor must provide documentation for said business entity evidencing current enrollment in a federal work authorization program.

29. Waiver. Waiver of any provision of this Agreement or breach of this Agreement shall not thereafter be deemed to be a consent by the waiving party to any further waiver, modification or breach by the other party, whether new or continuing, of the same or any other covenant, condition or provision of this Agreement. Failure by one of the parties to this Agreement to assert its rights for any breach of this Agreement shall not be deemed a waiver of such rights.

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IN WITNESS WHEREOF, the parties have caused these presents to be executed in duplicate as of the day and year first above written.

CITY OF NEOSHO,
MISSOURI

TRI-STATE FAMILY YOUNG MEN'S
CHRISTIAN ASSOCIATION

Richard Davidson, Mayor

Benjamin Coffey, CEO

ATTEST:

Cheyenne Wright, City Clerk

REQUESTED COUNCIL MEETING DATE: November 21, 2023**ITEM:** Bill No. 2023-192: FY2023 Budget Amendment

ORIGINATING DEPARTMENT: Finance Department**ATTACHMENT:****1. Bill 2023-192 FYE Amendment**

PURPOSE:

The purpose of this item is to amend City revenue and expenditure budgets to reflect changes since the adoption of the original FY2023 budget.

BACKGROUND:

Our Fiscal year ended September 30th. Staff is requesting this amendment to clean up some of the accounts for the end of the Fiscal Year.

<u>Fund</u>	<u>Increase (Decrease)</u>
100 General Fund	\$1,815,215.00
124 Shop With A Cop	\$1,958.00
130 Fire Fund	\$292,452.00
170 Drainage Fund	\$104,246.00
175 Senior Center Fund	\$41,811.00
180 Parks Fund	\$191,133.00
195 Auditorium Fund	\$150,573.00
300 Capital Fund	\$91,605.00
310 Hotel/Motel	(\$845.00)
450 Golf Fund	\$204,579.00
500 Water/Wastewater Fund	\$361,587.00
800 Street Department	\$217,743.00
833 TDD Street Fund	\$28,038.00
900 Street/Bridge Tax	\$83,394.00

Total City Increase (Decrease) in Fund Balance \$3,493,489.00

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RECOMMENDATION:

Staff recommends adoption of the budget adjustments as set forth in the attached Bill.

AN ORDINANCE OF THE CITY OF NEOSHO, MISSOURI, PROVIDING THAT THE REVENUES AND EXPENDITURES BUDGET BE AMENDED FOR THE FISCAL YEAR BEGINNING OCTOBER 1, 2022 AND ENDING SEPTEMBER 30, 2023.

BE IT ORDAINED BY THE COUNCIL OF THE CITY OF NEOSHO, MISSOURI, AS FOLLOWS:

Section 1: That Ordinance No. 330-2022 is amended to read as follows:

The City Manager is hereby authorized to expend the funds as set forth in said budget. Receipts and disbursements shall be within the limits herein described and adopted by reference and shall be made in accordance with applicable laws and ordinances. These limits shall be referenced by fund as outlined

<u>Fund</u>	<u>Account</u>	<u>Account Number</u>	<u>Revenues</u>	<u>Expenditures</u>	Fund Bal.	
					<u>Increase (Decrease)</u>	<u>Transfers In (Out)</u>
100	Transfer to Fire Dept	100-000-3205-000			99,350.00	99,350.00
100	Trns to Capital Improvement	100-000-3285-118			1,447.00	1,447.00
100	Trns to Capital Improvement	100-000-3285-120			2,812.00	2,812.00
100	Property Tax	100-110-4010-110	422,910.00		422,910.00	
100	1-Cent City Sales Tax	100-110-4030-110	482,391.00		482,391.00	
100	Cigarette Tax	100-110-4050-110	(5,664.00)		(5,664.00)	
100	Occupation Licenses	100-000-4100-110	19,087.00		19,087.00	
100	Franchises	100-110-4130-110	193,253.00		193,253.00	
100	Interest Earned-General Fund	100-110-4700-110	20,398.00		20,398.00	
100	General Admin Miscellaneous	100-110-4800-110	1,439.00		1,439.00	
100	General Admin Sale Property	100-110-4820-110	1,100.00		1,100.00	
100	General Admin Salaries	100-110-5010-110		9,625.00	(9,625.00)	
100	Clerk Professional Services	100-111-5260-111		3,905.00	(3,905.00)	
100	Clerk Member/Train/Trvl	100-111-5360-111		(3,897.00)	3,897.00	
100	Celebrate Booth Fees	100-113-4470-755	1,000.00		1,000.00	
100	Fall Festival Booth Fees	100-113-4470-756	3,410.00		3,410.00	
100	Celebrate Race Fees	100-113-4471-755	(2,200.00)		(2,200.00)	
100	Celebrate Neosho Shirt Sales	100-113-4480-755	472.00		472.00	
100	Celebrate Neosho Sponsors	100-113-4990-755	2,550.00		2,550.00	
100	Fall Festival Sponsorships	100-113-4990-756	1,600.00		1,600.00	
100	Celebrate Neosho Expenses	100-113-6520-755		2,662.00	(2,662.00)	
100	Building Permits/Inspec.	100-115-4120-115	45,334.00		45,334.00	
100	CDBG Grant Revenue	100-115-4200-708	(71,553.00)		(71,553.00)	
100	Planning and Zoning Fees	100-115-4770-115	(2,423.00)		(2,423.00)	
100	Code Enforcement Misc	100-115-4800-115	1,700.00		1,700.00	
100	Building Inspection Salaries	100-115-5010-115		(2,036.00)	2,036.00	
100	Building Inspection Overtime	100-115-5020-115		1,228.00	(1,228.00)	
100	Recycle Center Sales	100-118-4420-118	6,142.00		6,142.00	
100	Shipping Disposal	100-118-5265-118		(871.00)	871.00	
100	Recycle Center Facility Maint	100-118-5320-118		474.00	(474.00)	
100	Recycle Center Quip Maint	100-118-5330-118		1,028.00	(1,028.00)	
100	Recycle Center Gen Supplies	100-118-5590-118		(1,024.00)	1,024.00	
100	Recycle Comp Software	100-118-5700-118		(1,342.00)	1,342.00	
100	Recycle Center Electricity	100-118-6300-118		525.00	(525.00)	
100	Recycle Center Heating Fuels	100-118-6310-118		942.00	(942.00)	
100	Sanitation Enforcement	100-120-4130-120	33,041.00		33,041.00	
100	Grant Revenue	100-120-4200-120	2,278.00		2,278.00	

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100	Court Fines	100-120-4600-120	56,245.00		56,245.00
100	Police Training Fees	100-120-4610-120	1,729.00		1,729.00
100	Law Enforcement Misc.	100-120-4800-120	983.00		983.00
100	School Resource Ofr	100-120-4810-120	(23,597.00)		(23,597.00)
100	Police Sale of Property	100-120-4820-120	15,360.00		15,360.00
100	Police Dept Salaries	100-120-5010-120		(110,921.00)	110,921.00
100	Police Dept Overtime	100-120-5020-120		(10,190.00)	10,190.00
100	Police Dept Part Time	100-120-5030-120		(1,680.00)	1,680.00
100	Availability Allowance	100-120-5070-120		(990.00)	900.00
100	Police Dept Social Security	100-120-5170-120		(13,847.00)	13,847.00
100	Police Department Retirement	100-120-5180-120		(20,825.00)	20,825.00
100	Police Dept Health Insurance	100-120-5190-120		(31,936.00)	31,936.00
100	Police Dept Workers Comp	100-120-5210-120		(17,575.00)	17,575.00
100	Police Dept Prof Services	100-120-5260-120		(1,328.00)	1,328.00
100	Police Dept Ins and Bonds	100-120-5300-120		(2,234.00)	2,234.00
100	Police Dept Facility Maint	100-120-5320-120		2,663.00	(2,663.00)
100	Court Costs	100-125-4590-125	4,568.00		4,568.00
100	Court Clerk Training Fees	100-125-4611-125	528.00		528.00
100	Municipal Court Overtime	100-125-5020-125		(1,343.00)	1,343.00
100	Municipal Court Health Ins	100-125-5190-125		944.00	(944.00)
100	Municipal Court Prof Services	100-125-5260-125		975.00	(975.00)
100	Municipal Court Gen Supplies	100-125-5590-125		(622.00)	622.00
100	IT Professional Services	100-141-5260-141		(27,434.00)	27,434.00
100	IT Membership Train Travel	100-141-5360-141		(1,178.00)	1,178.00
100	IT Computers, Software Etc	100-141-5700-141		5,885.00	(5,885.00)
100	Fleet Mtce Fuels	100-143-5530-143		(1,035.00)	1,035.00
100	Sale Jet Fuel	100-160-4540-160	(30,877.00)		(30,877.00)
100	Sale of Aviation Gas	100-160-4550-160	30,663.00		30,663.00
100	Airport Overtime	100-160-5020-160		(753.00)	753.00
100	Airport Part Time	100-160-5030-160		(6,593.00)	6,593.00
100	Airport Social Security	100-160-5170-160		(513.00)	513.00
100	Airport Workers Comp	100-160-5210-160		(976.00)	976.00
100	Airport Professional Services	100-160-5260-160		(1,024.00)	1,024.00
100	Airport Ins & Bonds	100-160-5300-160		(3,799.00)	3,799.00
100	Airport Facility Maint	100-160-5320-160		1,797.00	(1,797.00)
100	Airport Uniforms	100-160-5380-160		(708.00)	708.00
100	Cost of AV Gas Sold	100-160-5460-160		46,441.00	(46,441.00)
100	Cost of Jet Fuel	100-160-5470-160		(17,575.00)	17,575.00
100	Airport General Supplies	100-160-5590-160		(1,829.00)	1,829.00
100	Airport Electricity	100-160-6300-160		2,964.00	(2,964.00)
100	Public Safety Tax	100-199-4031-199	289,329.00		289,329.00
100	Public Safety Interest Earned	100-199-4700-199	5,374.00		5,374.00
100	Cemetery Donations	100-204-4990-204	518.00		518.00
100	Cemetery Salaries	100-204-5010-204		1,577.00	(1,577.00)
100	I.O.O.F. Burial Cost	100-204-5262-204		(3,730.00)	3,703.00
100	Cemetery Equip Maint	100-204-5330-204		777.00	(777.00)
100	City Hall Heating Fuels	100-999-6310-112		878.00	(878.00)
GENERAL FUND TOTALS			\$1,507,088.00	(\$204,518.00)	\$1,815,215.00 (\$103,609 00)

					Fund Bal.	
					Fund Bal.	
<u>Fund</u>	<u>Account</u>	<u>Account Number</u>	<u>Revenues</u>	<u>Expenditures</u>	<u>Increase</u>	<u>Transfers</u>
124	Shop With A Cop	124-124-4830-124	1,958.00		(Decrease)	In (Out)
					1,958.00	

SHOP WITH A COP FUND TOTALS			\$1,958.00	\$0.00	\$1,958.00	\$0.00
			Fund Bal.			
<u>Fund</u>	<u>Account</u>	<u>Account Number</u>	<u>Revenues</u>	<u>Expenditures</u>	<u>Increase (Decrease)</u>	<u>Transfers In (Out)</u>
130	Transfer fm Public Safety	130-000-3305-000			92,571.00	92,571.00
130	Trasnfer Fm General	130-000-3330-000			2,525.00	2,525.00
130	Fire Department Sales Tax	130-130-4030-130	178,998.00		178,998.00	
130	Fire Dept Miscellaneous	130-130-4800-130	16,313.00		16,313.00	
130	Fire Dept Salaries	130-130-5010-130		(33,462.00)	33,462.00	
130	Fire Department Overtime	130-130-5020-130		28,560.00	(28,560.00)	
130	Fire Dept Workers Comp	130-130-5210-130		(17,627.00)	17,627.00	
130	Fire Dept Physicals	130-130-5230-130		514.00	(514.00)	
130	Fire Dept Prof Services	130-130-5260-130		(6,520.00)	6,520.00	
130	Fire Dept Ins & Bonds	130-130-5300-130		(12,083.00)	12,083.00	
130	Fire Dept Facility Maint	130-130-5320-130		7,257.00)	(7,257.00)	
130	Fire Dept Equip Maintenance	130-130-5330-130		15,678.00	(15,678.00)	
130	Fire Dept Fuels/Lubricants	130-130-5530-130		2,567.00	(2,567.00)	
130	Fire Dept Electricity	130-130-6300-130		1,995.00	(1,995.00)	
130	Fire Dept Phones	130-130-6350-130		1,610.00	(1,610.00)	
130	Fire Dept Minor Equipment	130-130-6390-130		9,466.00	(9,466.00)	
FIRE FUND TOTALS			\$0.00	\$195,311.00 (\$2,045.00)	\$292,452.00	\$95,096.00

			Fund Bal.			
<u>Fund</u>	<u>Account</u>	<u>Account Number</u>	<u>Revenues</u>	<u>Expenditures</u>	<u>Increase (Decrease)</u>	<u>Transfers In (Out)</u>
170	Sales Tax 1Darinage	170-990-4030-990	106,020.00		106,020.00	
170	Drainage Miscellaneous	170-990-4800-990	3,666.00		3,666.00	
170	Drainage Equipment Maint	170-990-5330-990		3,191.00	(3,191.00)	
170	Drainage Fuels/Lubricants	170-90-5530-000		(2,249.00)	2,249.00	
DRAINAGRE FUND TOTALS			\$109,686.00	\$942.00	\$104,246.00	\$0.00

			Fund Bal.			
<u>Fund</u>	<u>Account</u>	<u>Account Number</u>	<u>Revenues</u>	<u>Expenditures</u>	<u>Increase (Decrease)</u>	<u>Transfers In (Out)</u>
175	Sales Tax 1/16-Cent	175-175-4030-175	44,170.00		44,170.00	
175	Senior Center Prof Services	175-175-5260-175		774.00	(774.00)	
175	Senior Center Facility Maint	175-175-5320-175		(2,391.00)	2,391.00	
175	Senior Center Activity Event	175-175-5610-175		(1,038.00)	1,038.00	
175	Senior Center Electricity	175-175-6300-175		5,014.00	(5,014.00)	
SENIOR CENTER FUND TOTALS			\$44,170.00	\$2,359.00	\$41,811.00	\$0.00

			Fund Bal.			
<u>Fund</u>	<u>Account</u>	<u>Account Number</u>	<u>Revenues</u>	<u>Expenditures</u>	<u>Increase (Decrease)</u>	<u>Transfers In (Out)</u>
180	Sales Tax Parks	180-750-4030-750	159,031.00		159,031.00	
180	Fish Food Monies	180-750-4530-750	791.00		791.00	
180	Insurance Proceeds	180-750-4760-750	20,000.00		20,000.00	

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180	Donations Parks	180-750-4990-750	11,989.00		11,989.00	
180	Parks Overtime	180-750-5020-750		758.00	(758.00)	
180	Parks Facility Maintenance	180-750-5320-750		(2,449.00)	2,449.00	
180	Parks Equipment Maintenance	180-750-5330-750		(933.00)	933.00	
180	Parks Fuels/Lubricants	180-750-5530-750		3,589.00	(3,589.00)	
180	Parks Electricity	180-750-6300-750		4,488.00	(4,488.00)	
180	Parks Heating Fuels	180-750-6310-180		(3,486.00)	3,486.00	
180	Parks-Pool Electricity	180-940-6300-940		(1,289.00)	1,289.00	
PARKS FUND TOTALS			\$191,811.00	\$678.00	\$191,133.00	\$0.00

			Fund Bal.			
<u>Fund</u>	<u>Account</u>	<u>Account Number</u>	<u>Revenues</u>	<u>Expenditures</u>	<u>Increase (Decrease)</u>	<u>Transfers In (Out)</u>
195	Lampo Rental Fees	195-114-4500-114	1,000.00		1,000.00	
195	Lampo Electricity	195-114-6300-114		(4,718.00)	4,718.00	
195	Lampo Heating Fuels	195-114-6310-114		2,245.00	(2,245.00)	
195	Auditorium Sales Tax	195-195-4030-195	132,513.00		132,514.00	
195	Auditorium Rental Fees	195-195-4500-195	6,525.00		6,525.00	
195	Auditorium Sound Fees	195-195-4520-195	2,487.00		2,487.00	
195	Auditorium Salaries	195-195-5010-195		1,472.00	(1,472.00)	
195	Auditorium PartTime	195-195-5030-195		(2,000.00)	2,000.00	
195	Auditorium Facility Maint	195-195-5320-195		(14,745.00)	14,745.00	
195	Auditorium Electricity	195-195-6300-195		6,481.00	(6,481.00)	
195	Auditorium Heating Fuels	195-195-6310-195		3,217.00	(3,217.00)	
AUDITORIUM FUND TOTALS			\$142,525.00	(\$8,048.00)	\$150,573.00	\$0.00

			Fund Bal.			
<u>Fund</u>	<u>Account</u>	<u>Account Number</u>	<u>Revenues</u>	<u>Expenditures</u>	<u>Increase (Decrease)</u>	<u>Transfers In (Out)</u>
300	Capital Improvement Sales Tax	300-300-4030-300	91,605.00		91,605.00	
CAPITAL FUND TOTALS			\$91,605.00	\$0.00	\$91,605.00	\$0.00

			Fund Bal.			
<u>Fund</u>	<u>Account</u>	<u>Account Number</u>	<u>Revenues</u>	<u>Expenditures</u>	<u>Increase (Decrease)</u>	<u>Transfers In (Out)</u>
310	Motel Tax Revenue	310-310-4040-330	(845.00)		(845.00)	
HOTEL/MOTEL FUND TOTALS			(\$845.00)	\$0.00	(\$845.00)	\$0.00

			Fund Bal.			
<u>Fund</u>	<u>Account</u>	<u>Account Number</u>	<u>Revenues</u>	<u>Expenditures</u>	<u>Increase (Decrease)</u>	<u>Transfers In (Out)</u>
450	Golf Course Fees	450-150-4350-430	52,261.00		52,261.00	
450	City Tournament Fees	450-150-4352-430	21,238.00		21,238.00	
450	Golf Cart Rentals	450-150-4360-430	59,949.00		59,949.00	
450	Passes for Fees	450-150-4370-430	28,291.00		28,291.00	
450	Pro Shop Revenue	450-150-4380-430	15,395.00		15,395.00	
450	Driving Range Revenue	450-150-4390-430	5,496.00		5,496.00	
450	Golf Concessions Revenue	450-150-4420-430	23,781.00		23,781.00	
450	Golf Course Miscellaneous	450-150-4800-430	1,363.00		1,363.00	
450	Golf Course Salaries	450-150-5010-430		(37,732.00)	32,732.00	

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450	Golf Course Overtime	450-150-5020-430	1,075.00	(1,075.00)	
450	Golf Course Part Time	450-150-5030-430	11,744.00	(11,744.00)	
450	Golf Course Credit Card Fees	450-150-5270-430	2,004.00	(2,004.00)	
450	Golf Course Concessions Cost	450-150-5310-430	(4,757.00)	4,757.00	
450	Golf Course Accessories	450-150-5314-430	11,813.00	(11,813.00)	
450	Golf facility Maintenance	450-150-5320-430	(1,648.00)	1,648.00	
450	Grounds Maintenance	450-150-5325-430	(5,019.00)	5,019.00	
450	Golf Equip Maintenance	450-150-5330-430	(5,185.00)	5,185.00	
450	Golf Course Fuels/Lubricants	450-150-5530-430	983.00	(983.00)	
450	Golf Course Chemicals	450-150-5540-430	549.00	(549.00)	
450	Golf Course General Supplies	450-150-5590-430	(834.00)	834.00	
450	City Tournament Expense	450-150-5610-430	3,623.00	(3,623.00)	
450	Golf Course Electricity	450-150-6300-430	10,410.00	(10,410.00)	
450	Lease Payments	450-150-6380-430	16,169.00	(16,169.00)	
GOLF FUND TOTALS			\$207,774.00	\$3,195.00	\$204,579.00 \$0.00

				Fund Bal.	
<u>Fund</u>	<u>Account</u>	<u>Account Number</u>	<u>Revenues</u>	<u>Expenditures</u>	<u>Increase (Decrease) Transfers In (Out)</u>
500	Residential Trash Billing	500-510-3530-510	74,132.00		74,132.00
500	Lease Pmt Tower Space	500-510-3560-510	8,925.00		8,925.00
500	Billing Water Customers	500-510-3600-510	130,879.00		130,879.00
500	Water Admin Miscellaneous	500-510-4800-510	1,949.00		1,949.00
500	Water Admin Credit Card Fees	500-510-5270-510		19,084.00	(19,084.00)
500	Collection Agency Charges	500-510-5273-510		(2,368.00)	2,368.00
500	Water Admin Mem Train/Trav	500-510-5360-510		(2,613.00)	2,613.00
500	Water Admin Gen Supplies	500-510-5590-510		(15,062.00)	15,062.00
500	Trash Service Paid	500-510-6260-510		63,583.00	(63,583.00)
500	Meter Fee	500-530-3500-531	6,016.00		6,016.00
500	D&M Miscellaneous	500-530-4800-530	701.00		701.00
500	Water Distribution Salaries	500-530-5010-530		(36,794.00)	36,794.00
500	Meter Read/Mtnce Salaries	500-530-5010-531		(16,572.00)	16,572.00
500	Water Distrbution Overtime	500-530-5020-530		6,529.00	(6,529.00)
500	Water Mreading Part Time	500-530-5030-531		12,213.00	(12,213.00)
500	Water Distrib Facility Maint	500-530-5320-530		7,392.00	(7,392.00)
500	Water Distribution Equip Maint	500-530-5330-530		(13,007.00)	13,007.00
500	Meter Program Fuels/Lubr	500-530-5530-531		1,156.00	(1,156.00)
500	Water Dist. Gen Supplies	500-530-5590-530		(1,475.00)	1,475.00
500	Water Dist. Telephones	500-530-6350-530		538.00	(538.00)
500	Water Dist Minor Equipment	500-530-6390-530		(2,866.00)	2,866.00
500	Pretreatment Surcharge WW	500-610-3520-610	18,972.00		18,972.00
500	Billings to Customers WW	500-610-3590-610	143,822.00		143,822.00
500	Insurance Claim	500-610-4760-610	1,000.00		1,000.00
500	WasteWater Facility Maint.	500-610-5320-610		(12,249.00)	12,249.00
500	WasteWater Equipment Maint	500-610-5330-610		(28,032.00)	28,032.00
500	WasteWater Fuel/Lubricants	500-610-5530-610		10,686.00	(10,686.00)
500	Alliance Contract	500-610-5800-520		68,424.00	(68,424.00)
500	Alliance Contract	500-610-5800-610		(46,253.00)	46,253.00
500	Filtration Electricity	500-610-6300-520		10,805.00	(10,805.00)
500	Filtration Heating Fuels	500-610-6310-520		4,176.00	(4,176.00)
500	Filtration Phones	500-610-6350-520		(2,486.00)	2,486.00
WATER/WASTEWATER FUND TOTALS			\$386,396.00	\$24,809.00	\$361,587.00 \$0.00

<u>Fund</u>	<u>Account</u>	<u>Account Number</u>	<u>Revenues</u>	<u>Expenditures</u>	Fund Bal.	
					Increase (Decrease)	Transfers In (Out)
800	Transportation Sales tax	800-800-4030-000	265,313.00		265,313.00	
800	Vehicle Sales Tax	800-800-4090-800	46,676.00		46,676.00	
800	Vehicle License Fees	800-800-4180-800	4,256.00		4,256.00	
800	Gasoline Tax	800-800-4280-800	125,424.00		125,424.00	
800	Street Dept Miscellaneous	800-800-4800-800	3,061.00		3,061.00	
800	Street Sale of Property	800-800-4820-800	22,500.00		22,500.00	
800	Street TIF Professional Srvc	800-800-5260-360		249,896.00	(249,896.00)	
800	Street Fuels/Lubricants	800-800-5530-800		(7,602.00)	7,602.00	
800	Street Lights	800-800-6340-800		7,193.00	(7,193.00)	
STREET DEPARTMENT FUND TOTALS			\$467,230.00	\$249,487.00	\$217,743.00	\$0.00

<u>Fund</u>	<u>Account</u>	<u>Account Number</u>	<u>Revenues</u>	<u>Expenditures</u>	Fund Bal.	
					Increase (Decrease)	Transfers In (Out)
833	TDD Road Mtce Agreement	833-833-4851-833	28,038.00		28,038.00	
TDD STREET FUND TOTALS			\$28,038.00	\$0.00	\$28,038.00	\$0.00

<u>Fund</u>	<u>Account</u>	<u>Account Number</u>	<u>Revenues</u>	<u>Expenditures</u>	Fund Bal.	
					Increase (Decrease)	Transfers In (Out)
900	Street/Bridge Tax	900-900-4030-900	88,394.00		88,394.00	
STREET/BRIDGE TOTALS			\$88,394.00	\$0.00	\$88,394.00	\$0.00

Section 2: All other ordinances and parts of ordinances in conflict herewith are repealed.

Section 3: This ordinance shall be in full force and effect upon final passage and approval.

APPROVED after final passage this **December 5, 2023**.

ATTEST:

CITY OF NEOSHO, CITY COUNCIL

Clerk

Mayor

APPROVED:

City Attorney

REQUESTED COUNCIL MEETING DATE: November 21, 2023

ITEM: Bill No. 2023-193: FY2024 Budget Amendment

ORIGINATING DEPARTMENT: Finance Department

ATTACHMENT:

1. Bill 2023-193 FY2024 Amendment 11.19.23

PURPOSE:

The purpose of this item is to amend City revenue budgets to reflect changes since the adoption of the original FY2024 budget..

BACKGROUND:

Staff is requesting to amend the budget for Settlement Revenues received in FY 2024.

<u>Fund</u>		<u>Increase (Decrease)</u>
100	General Fund	\$21,206.00
800	Street Department	\$349,425.00

Total City Increase (Decrease) in Fund Balance \$370,631.00

RECOMMENDATION:

Staff recommends adoption of the budget adjustments as set forth in the attached Bill.

AN ORDINANCE OF THE CITY OF NEOSHO, MISSOURI, PROVIDING THAT THE REVENUES AND EXPENDITURES BUDGET BE AMENDED FOR THE FISCAL YEAR BEGINNING OCTOBER 1, 2023 AND ENDING SEPTEMBER 30, 2024.

BE IT ORDAINED BY THE COUNCIL OF THE CITY OF NEOSHO, MISSOURI, AS FOLLOWS:

Section 1: That Ordinance No. 445-2023 is amended to read as follows:

The City Manager is hereby authorized to expend the funds as set forth in said budget. Receipts and disbursements shall be within the limits herein described and adopted by reference and shall be made in accordance with applicable laws and ordinances. These limits shall be referenced by fund as outlined

<u>Fund</u>	<u>Account</u>	<u>Account Number</u>	<u>Revenues</u>	<u>Expenditures</u>	Fund Bal.	
					Increase (Decrease)	Transfers In (Out)
100	General Admin Miscellaneous	100-110-4800-110	21,206.00		21,206.00	
GENERAL FUND TOTALS			\$21,206.00	\$0.00	\$21,206.00	\$0 00

<u>Fund</u>	<u>Account</u>	<u>Account Number</u>	<u>Revenues</u>	<u>Expenditures</u>	Fund Bal.	
					Increase (Decrease)	Transfers In (Out)
800	Street Dept Miscellaneous	800-800-4800-800	349,425.00		349,425.00	
STREET DEPARTMENT FUND TOTALS			\$349,425.00	\$0.00	\$349,425.00	\$0.00

Section 2: All other ordinances and parts of ordinances in conflict herewith are repealed.

Section 3: This ordinance shall be in full force and effect upon final passage and approval.

APPROVED after final passage this **December 5, 2023.**

ATTEST:

CITY OF NEOSHO, CITY COUNCIL

Clerk

Mayor

APPROVED:

City Attorney

Proclamation

Office of the Mayor

City of Neosho

WHEREAS, *Dan Cook began his career with the City of Neosho Police Department in 1999 and served the community until 2010 and then returned to the department in 2019; and*

WHEREAS, *Dan Cook was hired in the Patrol Division and was later promoted to Detective Corporal of the Criminal Investigations Division; and*

WHEREAS, *Dan Cook has accumulated awards for Officer of the Year, Medal of Honor, Purple Heart, Chief's Achievement, Meritorious Service, Community Service during his years with the Neosho Police Department; and*

WHEREAS, *Dan Cook has exhibited through his career with the City of Neosho a sense of deep pride, love and compassion for the City and its citizens; and*

WHEREAS, *Dan Cook has spearheaded many projects throughout his career, including our annual Shop with a Cop Program. His dedication and hard work ethics have served the department well.*

WHEREAS, *Dan Cook's commitment and sacrifices have been instrumental in our efforts in the fight against crime in our community and his presence will be missed; and*

WHEREAS, *the City of Neosho has benefited greatly from his combined sixteen (16) years of service; and*

BE IT RESOLVED, *by the City Council of the City of Neosho, Missouri, that many heartfelt thanks are hereby expressed for the loyal years of service exhibited by Dan Cook on behalf of the City of Neosho during his tenure.*

NOW, THEREFORE, *I, Richard Davidson, Mayor of the City of Neosho, Missouri, do hereby express our deepest appreciation and gratitude for Dan Cook's dedication and commitment to the City of Neosho, Missouri.*

To Whom It May Concern:

I am writing to you today to express my admiration and commemoration of your firefighter, Timmy Hardy on the anniversary of his death in 2005. I'm terribly sorry for your agency's loss, as well as his family losing him much too soon. Though time has passed, he and his sacrifice are not forgotten.

As a concerned citizen, I am very grateful for all that Fire/EMS/Rescue personnel do to keep our country safe. My thoughts and prayers are with the men and women of your department and all Fire/Rescue/EMS agencies and personnel every day as you perform your dangerous work on behalf of the public.

Very Respectfully,

ZT Scherer

Miss Lark Thank

REQUESTED COUNCIL MEETING DATE: December 5, 2023

ITEM: Hotel Feasability Study

ORIGINATING DEPARTMENT: Development Services Department

ATTACHMENT:

1. Fesability Study RFP
 2. Grey Hospitality LLC
-

PURPOSE:

The purpose of this item is to gain council acceptance of a bid for a Hotel Feasability Study.

BACKGROUND:

The city placed a request for proposal offering on the city's website and directly contacted six vendors through email. Three proposals were received with Grey Hospitality LLC submitting the lowest bid at a cost not to exceed \$10,500. Grow Neosho has agreed to share 50% of the cost of the study up to \$10,000.

RECOMMENDATION:

The staff recommends accepting the Hotel Study bid by Grey Hospitality LLC.



City of Neosho

203 E. Main Street
Neosho, MO, 64850
417 / 451-8050 phone
417 / 451-8065 facsimile

**REQUEST FOR PROPOSAL
MARKET FEASIBILITY STUDY
HOTEL/LODGING FACILITY**

DATE DUE: Tuesday, November 21, 2023, at 10:00 am

The City of Neosho, Missouri (hereinafter referred to as “Neosho”), is seeking proposals for professional services from qualified bidders who can conduct a market feasibility study for a proposed hotel. The study should address the current and projected market demand analysis for the number, type and duration of hotel stays in Neosho; a competitiveness analysis on what a new hotel facility must do to provide a unique alternative to the current lodging options and be successful; and an economic feasibility analysis and pro-forma.

The successful bidder must be able to perform the following services:

- Current and projected market demand analysis – number, type and duration of hotel stays.
- Conduct a project feasibility study to recommend a facility program and determine the overall market feasibility of the recommended facility.
- Facility Recommendation
- Economic Feasibility and Competitive Analysis with Financial Projections and Pro-forma
- Optimal Site Selection

There are several potential sites in the area that may provide an opportunity for a hotel, but a specific site has not yet been designated at this time. Our goal is to determine what type of hospitality project is economically feasible by the private sector and what amenities could be supported. The feasibility may include recommendations for public incentives and new infrastructure to improve the project viability if there is a shortfall in the projections.

Neosho (population approximately 12,000) is the county seat of Newton County, Missouri. The median age is 34.5 years. Neosho is home to Crowder College with a student enrollment of approximately 4,200. The nearest large city is Joplin, Missouri which is 23 miles north. Neosho is approximately 30 miles north of Arkansas and 14 east miles of the Oklahoma state line. Major thoroughfares are US Highway 60 and Interstate 49 which pass through Neosho.

The primary factors contributing to the consideration of a new hotel in Neosho are:

- The perceived need for a quality facility that will allow Neosho to market itself as an overnight destination to visitors.

- The perception that existing hotels in Neosho are either aging or too small and may not be suitable for destination travelers who could otherwise be attracted.
- The perception that there is a demand for destination events like weddings, sporting events, tourism and festivals, may not be accounted for in standard market analyses. The perception that there is a demand for banquet and meeting space for weddings, small conferences, business events (non-profit galas, annual meetings, etc.) that would be attracted to a facility in town.

Neosho will consider input from respondents as to other suggested services to be considered for inclusion.

Market Demand Analysis

1. Determine current and potential future lodging and hospitality demand in the market area
2. Review competitive facilities in both the immediate area of Neosho and marketable vicinity.
3. Conduct accommodation inventory and meeting space analysis.
4. Analyze present marketing position strategies and provide recommendations for underserved markets and/or opportunities that can be targeted with a new hospitality product.
5. Conduct demand analysis
 - a. Primary & secondary market research
 - b. Identify demand generators or potential users of a facility, including interviews with potential users including meeting planners, event promoters and/or other customers.
6. Identify and determine current community needs and possible quality of life opportunities that would benefit from additional hotel space and evaluate the economic opportunity for Neosho (and the surrounding area).

Project Feasibility Study

1. Determine the viability of a hospitality product in Neosho based on the potential demand and market penetration of customers.
2. Identify financing constraints in the current market.
3. Estimate capital investment required, and the expected revenues returns needed to attract able investors.
4. Economic impact forecasts:
 - a. Forecast tax revenue increase to Neosho
 - b. Forecast impact on restaurants and retailers
 - c. Forecast impact on hotel room nights
5. Address any potential public incentives that could improve the viability and/or investment attraction for the project.

Facility Recommendation

As part of the analysis, and based on the nature and kind of requirements associated with the identified potential users of the facility, and available sites, make recommendations for:

- Number and mix of guest rooms
- Room configuration
- Food and beverage concept
- Banquet and meeting space requirements
- Other facilities and amenities

Financial Projections

- Provide detailed financial proformas for development and operations that can be provided to potential hotel developers, lending institutions, management companies and franchises that may be interested in participating in the hotel project.

Optimal Site Selection

Determine the optimal site location(s) for a facility based on:

- Property acquisition cost
- Ambiance of the surrounding neighborhood
- Relationship to demand generators
- Parking
- Current land uses in the vicinity
- Ability to provide outdoor event space
- Advantages/disadvantages of the site versus alternative sites

SUBMISSION REQUIREMENTS FOR RFP

1. Name and basic information of the consulting firm submitting the proposal.
2. Description of the organization's experience in financial feasibility studies in the lodging industry and overall knowledge of the industry.
3. List of the firms or entities, including the names and contact information, for which the bidder had conducted similar studies. Include a brief summary of the purpose of the study and any measurable results to date.
4. Describe the approach or process that your firm will undertake to gather research, including identifying potential demand generators, conducting personal and/or group interview sessions.
5. Describe the methods for presenting the findings, conclusions, and recommendations that will enable Neosho and potential stakeholders to make informed decisions.
6. A fee proposal for the study must be broken out into each key deliverable below, based on the firm's suggested approach. A fixed rate must be submitted for each deliverable listed below. The price per fixed deliverable will cover all costs including materials, time, travel and reports.
7. Provide a schedule and time frame for completion of the study.
8. Proposals must be valid for a period of sixty (60) days from the date due

COST PROPOSAL

DELIVERABLE	COST PER DELIVERABLE
1. Market Demand Analysis	\$
2. Project Feasibility Study	\$
3. Facility Recommendation	\$
4. Financial Projections	\$
5. Optimal Site Selection	\$

Neosho reserves the right to issue Addenda to this RFP up to ten (10) days prior to the bid due date as needed to clarify Neosho's desires, or to make corrections or changes to the RFP document or submittal process.

Inquiries may be directed to:

Richard Leavens
Development Services Director
417.451.8050
rleavens@neoshomo.gov

Proposals must be submitted no later than **Tuesday, November 21, 2023, at 10:00 am** to:

City of Neosho
203 East Main Street
Neosho, MO 64850
Attention: City Clerk

The outside of the envelope must be marked: "Marketing Feasibility Study".

Any submitted proposals become property of the City of Neosho.

EVALUATION

Following submission, reference checks and interviews may be conducted. We reserve the right to discuss fee structures, request revision where deemed necessary and/or interview only those firms which appear to be most responsive to the RFP.

RESERVATION OF RIGHTS

Neosho will conduct a comprehensive and impartial review and evaluation of all Proposals meeting the requirements of this solicitation. Please note that Neosho, at its sole discretion, reserves the right at any time during this process to reject any or all proposals.

Only timely submitted proposals shall be reviewed and evaluated by staff to determine if they comply with the required forms and documents and submission requirements listed

in the RFP. This will be a pass/fail review. Failure to meet any of these requirements may render a proposal to be a failing response and result in rejection of the entire proposal.

Neosho reserves the right to not enter into an agreement with any firm responding to this RFP, to request additional information and/or solicit new proposals if deemed necessary. We reserve the right to reject any or all proposals and to waive minor irregularities. Any contract resulting from this RFP is subject to approval by the City Council of The City of Neosho.

October 25th, 2023
City of Neosho, MO
Richard Leavens
Development Services Director
(417) 451-8050
rleavens@neosho.mo.gov

Hotel Market Study & Feasibility Analysis Proposal & Engagement Letter

Dear Mr. Leavens,

On behalf of Grey Hospitality, LLC (the "Consultant"), we are pleased to submit this proposal for a comprehensive hotel market study and feasibility analysis regarding the overall feasibility of a hotel in the Neosho, Missouri market (the "Subject Market"). Specifically, the Client is looking for the Consultant to conduct a market study and feasibility analysis for a potential lodging facility and its impact on the existing market and supply located in the greater Subject Market which is considered the "Project". The following pages detail the Project proposal and process. The research and review of the development project will answer questions regarding the need for lodging in the market, based on observed supply and demand trends for the region supply and overall market.

The Project will evaluate the market and determine the potential of the hotel's feasibility. The first step in this process will be our extensive market research. Upon completion of the Project, we will present the findings in a narrative report in conjunction with a personal presentation that will include: a) market trends in supply and demand; (b) a reasonable market forecast given the subject hotel's and other properties' entry to the area; and (c) financial projections of the subject hotel; all based on historical management of hotels and cross referenced with Costar (formally Smith Travel Research) and supportive data from the annual HOST Report and other industry metrics. The Consultant will take into consideration location, type of hotel or market class, regionality, and type of hotel asset in making financial projections; again, all detailed in the HOST Report by overall regionality, revenue and expenses reported per occupied room and per available room in accordance with the U.S Uniform System of Accounting.

The secondary part of the Project will include estimated development costs, space planning and allocation, and valuation of the project as built, in association with the proposed subject facility. The development costs will be based on the HVS Annual Hotel Development Costs Report, as well as valuation of the asset for financial feasibility based on common metrics of valuation supported by the U.S. Lodging Association.

The objective of the Project is a multifaceted approach which will determine the following objectives: It will enable the development team to understand the overall financial analysis, capital raise, debt positioning, development project costs, regional market competition, supply and demand, reveal barriers to entry within the market, propose new projects under development that could impact the hotel, and assess the demand for hotel accommodations in the market. In addition, we will address the operational costs of the hotel through a detailed 10-year financial model.

We stand apart from other firms because of our independent research, analytical approach, and the overall quality and detail of our projects. Our reputation and experience as independent boutique and branded hotel operators and developers are the reasons our clients choose to work with us over our competitors. Please ask to review a sample of our diverse services performed to date which include market feasibility, hotels previously managed, development projects, and asset managed properties.

Project Scope of Work

The Project, a market feasibility analysis, will provide a report that will clearly analyze the market as seen by hospitality industry experts, without predetermined assumptions. The complete market analysis will address the following key components:

- **Competitive Market Overview and Evaluation**— the Consultant will evaluate existing market demographics, economic viability, and visibility and accessibility to the proposed markets, specific only to the hotel and hospitality component. We will also assess the relationship of the suggested site to possible lodging demand generators, existing lodging supply, and the availability of future development sites. There will be an overview of general hotel economic trends, plus an opinion as to the desirability and feasibility of developing a hotel property in this market at the specific site. An in-depth market analysis of regional competition will allow us to perform a Comprehensive Statistical Market Study to provide all supportive research and data from prominent industry reports to verify conclusions and recommendations. We will identify competitive hotels and gather occupancy, average rates, and revenues (for either one year or the past 6 years, based on information available) using standardized industry reports.

The Project feasibility analysis will provide details on revenue projections, as well as analyze development costs, project valuation, a gap (surplus investment) analysis based on financial feasibility from information gathered, and specific operational projections for a stabilized year of operation and a 5-10-year operating model for sales revenues and operating expenses:

- The financial feasibility section will analyze specific operational projections, both for a stabilized year of operation and a 10-year operating model for sales revenues and operating expenses. The report will also present supportive research data for both the existence and absence of community amenities, such as conference centers and/or food and beverage facilities. In addition, the study will present investment analysis data for the proposed facilities

and a site evaluation based on recommended amenities. The report's comprehensive market trends and overview format will be suitable to present to developers and financing institutions.

- In the valuation of the development project, we will review the space allocation and programming of the proposed facilities, development costs comparison by hotel classification and type compared to the national averages, and valuation of the facility based on the Discounted Cash Flow ("DCF") method. The DCF method uses an estimate of projected levels of income for each year of a holding period less expenses, then arrives at a reversion value of the property at the end of the holding period and discounts the resulting cash flows at an appropriate discount rate.
- Demand generator and local companies will be interviewed, and room night impact will be evaluated. Interviews and email solicitation will be an initiative to gather regional demand.
- Upon completion of the Project, we will make a presentation and review the findings with you, key members and stake holders, city officials, and community leaders.
- Recommendations will be made at that time regarding the next steps to build a business plan, sales and marketing strategy, and development strategy. Further engagement of our firm may be made separately to discuss the findings with potential developers or financial institutions.

The Project will focus on the following items, although this is not an inclusive list:

- Options for a full, select, or limited-service hotel; number of floors; number of rooms; size and layout—recommended based on site and market demand; site selection;
- Level of accommodations—based on AAA Diamond or Mobile Travel Guide Star ratings;
- Recommendation on franchise options, soft branding, or independent boutique in nature;
- Review of available and proposed meeting and banquet spaces in the community; recommendations for including additional meeting and banquet space in the proposed subject facility;
- Potential risk/reward of meeting and banquet facilities and other amenities such as health and wellness, restaurant and non-traditional food and beverage facilities, outdoor programmed areas, and potential roof-top facilities.
- Thorough analysis of the regional supply and the demand of travelers within the market. This demand is broken into monthly and day of week trends;
- Estimate of the approximate facility usage by event type and impact to the hotel's facilities and occupancy and potential risk/reward of meeting and banquet facilities;
- Possible hotel room mix of suites and traditional guestrooms or brand-focused structure;
- Other retail business, lease space, or office space within the hotel facility;
- Amenities such as pool, exercise room, sauna, other recreational elements, and food service options—not to compete with surrounding businesses but to complement them;
- Parking requirements needed to support the hotel component;

- Potential economic impact on the city and county;
- Review of proposed development site and recommendation of site;
- Financial feasibility analysis to include potential revenues and expenses using the Uniform System of Accounting for the Lodging Industry;
- Recommendations for the city to participate through TIF or other incentives to attract developers; and other possible public incentives
- Estimates for project development costs for the subject facility as it relates to the recommended amenities and use of overall space (space allocation recommendations). This is compared to national averages and market classifications for hotel development;
- Estimates of market value, as completed, through the Income Approach on the DCF method, which considers fluctuations and changes in income and expense levels over a specified holding period; and
- Development project valuation and feasibility based on investment analysis as a basis for appraisal of the potential development needed and required by third party lenders and traditional financing.
- Overall economic impact to the community of Neosho to include job creation, tax revenue impact, number of annual occupied roomnights and estimates of increased travelers and traveler spending.

Enclosed, or available upon request, are several items, including client references and a list of similar projects and contracts that we have completed. Most recently Grey Hospitality opened www.HotelVerdant.com. Grey Hospitality did the initial market study and updated over the course of 2 years. Grey Hospitality also was the consultant that put together the design team, hired the hotel management company Charlestowne Hotel Group, and is currently the asset manager for the ownership team. Similar projects have resulted in development opportunities as listed in attachment 5 of the proposal. Attachment 4 has a detailed list of our projects over the last few years.

Project Fees

Total fees for the Project are estimated at a not to exceed amount of \$10,500, billed hourly, which does include the cost of (1) Smith Travel Report ("STR") and trend materials.

- Fees include hourly billing rates for Principals (\$175/hour) and Administrative Assistants at (\$80/hour).
- Postage, copier, fax, renderings, special printing, or printed copies will be included as a direct expense. STR reports will be billed at cost if necessary, to run for data collection at \$750.00 per report.
- Mileage and airfare (coach rates of less than 5 hours) within reasonable travel expenses for a trip to the market, billed at government reimbursable rates and direct cost are included. Any additional trips, if deemed necessary, will be billed at the government per diem and approved in advance of the trip. Initial approval and estimate of expenses may be requested and provided in advance of the consulting.

Cost Proposal Estimates not to exceed:

DELIVERABLE	COST PER DELIVERABLE
1. Market Demand Analysis	\$ 2500
2. Project Feasibility Study	\$ 3500
3. Facility Recommendation	\$ 1500
4. Financial Projections	\$ 1500
5. Optimal Site Selection	\$1500

Before we begin work on this Project, we ask that you provide us with an advance deposit of \$5,000, which will be posted as payment towards future fees. We will credit the amount of the advance against our fees and costs as we incur them.

An exact start and completion date will be determined upon receipt of the signed Engagement Letter and advance payment. We will aim to complete the Project study within 60-90 days of the agreed-upon start date, based on our schedule of work. Should there be unforeseen delays that would change the completion date, we will communicate with you accordingly. Given the potential for unforeseen delays, the time frame identified above is an estimate and not a guarantee. If there is a strict deadline for the final product, please provide us with that information and we will make sufficient arrangements to comply with your desired timeline.

GREY HOSPITALITY, LLC www.GreyHC.com

Member of Cayuga Hospitality Consultants

The International Network of Hospitality Consulting Professionals

www.CayugaHospitality.com | 866.386.4020

After you have had an opportunity to review this proposal and the enclosed Engagement Letter, we can schedule a time for a conference call to discuss the Project in more detail. If the Proposal and Engagement Letter are acceptable to you, and you wish to accept the terms of the engagement, please sign, and return the Engagement Letter with a check for the above-mentioned advance deposit. Once all is received, we can commence work on this important Project, and we will schedule a date for the market inspection.

Thank you again for this opportunity. We are pleased to be of assistance to you and your team.

Sincerely,



Sean Skellie



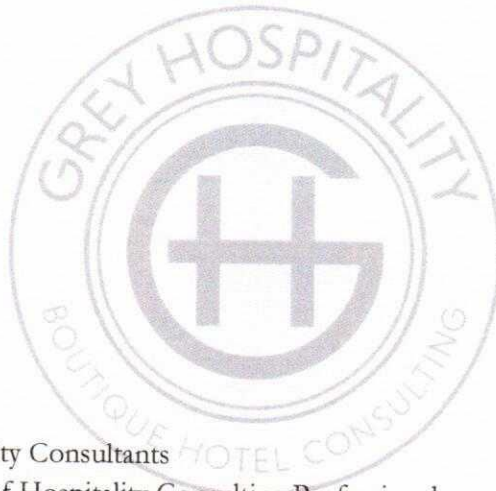
Grey Hospitality, LLC

Hospitality Consulting

Member of Cayuga Hospitality Consultants

The International Network of Hospitality Consulting Professionals

www.CayugaHospitality.com | 262.442.4720 | Sean.Skellie@Gmail.com



Grey Hospitality, LLC The "Consultant"
Hospitality Consulting
Hotel Market Study & Feasibility Analysis
Neosho, Missouri
Project Engagement Letter
October 25th, 2023

Your signature below as "Client" signifies your agreement to employ Grey Hospitality, LLC (the "Consultant") for the Project and services outlined in the above proposal (the "Proposal") and signifies your acceptance of the terms and conditions set forth in this Engagement Letter (hereafter, the "Agreement"). The terms of the Proposal are incorporated into this Agreement, by reference, as if fully set forth herein. For additional reference, a summary of the Proposal is as follows:

Project Assignment: Hotel Market Study & Feasibility Analysis for:
Neosho, Missouri (the "Project")
Client: City of Neosho
Richard Leavens Development Services Director
Start Date: Receipt of the required retainer and secondarily the signed agreement.
Project Timing: Approximately 60 days from the start date- 30 days for draft and financials
Project Fee: \$10,500 not to exceed defined in detail above, billed hourly. All fees due upon completion.
Advance Deposit
& Retainer: \$5,000
Additional Expenses: Reasonable travel costs and STR Report is included in the proposal amount.
Deliverable: Electronic version of Project and all of the supportive materials

Terms of Engagement

Fees and Estimates: The Consultant's fees will be based on the time spent by the Consultant or Administrative Assistant working on the Project, multiplied by each person's respective hourly billing rate at that time. Fees include hourly billing rates of Principals (\$175/hour) and Administrative Assistants (\$80/hour). In addition to our fees, we also charge for all expenses incurred and any disbursements made on the Client's behalf. The fees and expenses relating to this Project are not predictable. Accordingly, we have made no commitment concerning the maximum fees and expenses that will be necessary to complete the Project. Any estimate of fees and expenses that we may discuss represent only an estimate of those fees and expenses. It is expressly understood that payment of both the Consultant's fees and costs are in no way contingent upon the ultimate outcome of the Project.

Billing: Statements will be rendered in the ordinary course of business for work performed and expenses incurred, as of that date. Our statements will include descriptions of work performed on your behalf, along with the rate and amount of time billed. Payment of fees and expenses are due promptly upon receipt of our statement. If any statement remains unpaid for more than 30 days, a late charge may be imposed on the outstanding balance at the rate of 1% per month. In such a case, we also may cease performing services for you until arrangements satisfactory to us have been made for payment of outstanding statements and the payment of future fees and expenses.

In the event that any lawsuit or other action is instituted to enforce any provision in this Agreement, the prevailing party in such dispute shall be entitled to recover all fees, costs, and expenses of enforcing any right of such prevailing party arising out of this Agreement, including reasonable attorneys' fees and all costs of collection of any judgment obtained in such action, including reasonable attorneys' fees.

Governing Law and Jurisdiction: All matters arising out of or relating to this Agreement shall be governed by and construed in accordance with the internal laws of the State of Wisconsin without giving effect to any choice or conflict of law principles or rules (whether of the State of Wisconsin or any other jurisdiction) that would cause the application of the laws of any jurisdiction other than those of the State of Wisconsin.

Any legal suit, action, or proceeding arising out of or relating in any way to this Agreement shall be exclusively filed in the State of Wisconsin, Circuit Court of Waukesha County, and each party irrevocably submits to the exclusive jurisdiction of such court in any such suit, action, or proceeding, involving this Agreement.

Communications: We may, at our discretion, communicate with and transmit documents to you and/or other appropriate individuals regarding this matter via e-mail and/or facsimile. We will assume any such information we are provided is correct. You should not use e-mail addresses or facsimile machines to which third parties may have access. Regardless, e-mails and facsimiles might not be confidential. They can be intercepted and read, disclosed, or otherwise used by or communicated to third parties. We cannot guarantee or warrant those e-mails or facsimiles will be properly delivered and read only by the addressee. Nor can we guarantee or warrant those e-mails and facsimiles are immediately read or acted upon; they are read in the normal course of business. By entering into this Agreement, you are indicating that you want us to communicate and transmit documents, at our discretion, via e-mail and/or facsimile, that you understand our e-mail and facsimile policy, and that you understand and assume the risks associated with the use of these methods of communication and transmission.

Independent Contractor Status: The Consultant is an independent contractor and will maintain a separate legal identity and entity. There is no indication in this engagement that we, or the contracted Client named below, are business partners or have formed a joint venture to complete the Project. All of your business interests, business data, policies, procedures, operations, and other information shall remain confidential and will not to be disclosed without the written permission of both parties.

Certification, Assumptions, and Limiting Conditions Statement

The Project is presented to provide information on the market in which the subject property will perform. The content of the final Project is to be used in whole and not in part. The research provided for this Project will be obtained from the review of supportive data and information related to the target market.

The Consultant assumes no responsibility for information that becomes outdated after the final Project is written, nor is the Consultant responsible for keeping this information current after the presentation of the Project to the Client. The Consultant takes no responsibility for any events or circumstances that occur subsequent to the date of our field inspection.

None of the Project materials may be reproduced in any form without the Consultant's express written permission, and the Project cannot be disseminated to the public through advertising, news, sales, or any other form of media.

It is understood and agreed that the results presented in the final Project are the opinions of the Consultant and based upon information available at that time. Those opinions will infer proper and professional consultation and management of the business operation. The opinions also presume that market conditions do not change.

The Client hereby agrees to release, indemnify, and hold harmless the Consultant from any and all claims, liabilities, costs, damages, and expenses arising out of or based upon any misstatement or omission in any material, information, or representation supplied to the Client arising from any work performed by the Consultant related to the Project.

In no event shall the Consultant be liable to Client or any third party for any general, special, indirect, incidental or consequential damages (including, without limitation, indirect, special, punitive, or exemplary damages for loss of business, loss of profits, business interruption, breach of this agreement, or lost or damaged data) arising out of or connected in any way with this Project, Agreement, or any services rendered by the Consultant, even if Consultant has been advised of the possibility of such damages. The total liability of Consultant to Client for all damages, losses, and causes of action (whether in contract, tort (including negligence), or otherwise) shall not exceed the total fees paid to the Consultant by Client in relation to this Project, minus expenses incurred by the Consultant.

The Consultant routinely seeks opportunities to consult, develop, and manage boutique and branded hotels in the region. Our consulting engagements include a fee structure for a specific scope of work. These engagements occasionally result in a minor equity interest or long-term management contract for a prospect facility. The Consultant has no current or contemplated interests in the real estate that is the subject of this report. The fee paid for the preparation of this report is not contingent upon the conclusions or the occurrence of a subsequent event directly related to the intended use of this Project or that our engagement was contingent upon developing or reporting predetermined results.

The Consultant will prepare and issue the final Project to the Client once complete. The statements of fact presented in this Project will be true and correct, to the best of the Consultant's knowledge, and are rendered by the staff as employees rather than as individuals. The Project analyses, opinions, and conclusions presented are limited only by the assumptions, and limiting conditions set forth therein, and are the Consultant's personal, impartial, and unbiased professional analyses, opinions, and conclusions.

The Consultant has extensive experience in the hospitality industry, hotel and restaurant management, hospitality development, and in the evaluation of hotels. The Consultant believes it is competent and qualified to undertake this study. This report is intended for the benefit of the Client and may or may not prove to be

acceptable for external investing and/or lending purposes. An investor or lender may require additional information concerning this market's ability to support this hotel. The Consultant's responsibility is limited to the Client. Use of the final Project report by others shall be solely at the risk of the Client and/or third parties.

The Consultant will use all reasonable efforts to complete the Project and perform the services described in the Proposal and this Agreement within any agreed upon timeframe. However, the Consultant shall not be liable for failures or delays in performance that arise from causes beyond its control, including the untimely performance by the Client of its obligations as set out in the Proposal, this Agreement, and any other contract between the Consultant and the Client.

The Client or Consultant may terminate this arrangement at any time by providing a written notice to that effect. Should this Agreement be terminated, Client shall be responsible for the payment of all fees incurred, billed, or billable to that date, including out-of-pocket disbursements incurred by the Consultant, and the advance payment outlined in the Proposal and this Agreement.

The parties hereby agree that this document contains the entire agreement between the parties and this Agreement shall not be modified, changed, altered, or amended in any way except through a written amendment signed by all of the parties hereto. Additionally, in the event any provision of this Agreement is determined to be void or unenforceable, such determination shall not affect the remainder of this Agreement, which shall continue to be in force.

The undersigned Client personally agrees to the scope of the above-described Proposal and Agreement terms and conditions, on the date executed below. To schedule the proposed work, we ask that you return a signed copy of this Agreement with the advance deposit, within 60 days of the date of the November 21 RFP due date.

Client: _____

Title: _____

Signature: _____

Date: _____

Contact Information: _____

Grey Hospitality, LLC
Sean G. Skellie, Principal

Signature: _____

Date: _____

Return Address: 1426 Mohican Trail, Waukesha WI 53189
Electronic Payment Routing: 121000248 Account: 8718-024-899

PROJECT COST

- The total cost for all components as outlined in the proposal above \$10,500
- This is an all-inclusive bid. Travel expenses included in the fee amount.

Project Phase & Deliverable	Hours	Cost Estimate per Deliverable	
1. Market Supply & Demand Analysis	17	\$	2,500
2. Project Pfeasibility Study	23	\$	3,500
3. Facility Recommendation	10	\$	1,500
4. Financial Pojections	10	\$	1,500
5. Optimal Site Selection	10	\$	1,500
	70	\$	10,500



EXAMPLE OF PAST PROJECTS



A great piece of real estate or property doesn't mean it will make a great hotel. Not every brand or franchise is right for every market. Market indicators need to point to long-term feasibility. We understand that the cyclical nature and dynamics of hotel markets is critical to good investment decision making. We also understand the power of the franchise or brand hotels, the uniqueness, attraction, and operations of independent boutique properties; and the ability for hotels to compete in their segment or class within a region.

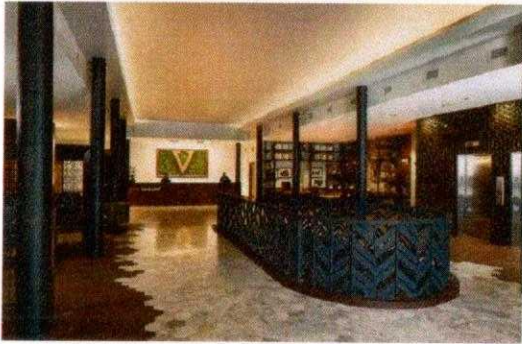
Who relies on our objective market analyses and financial feasibility statements? Hotel developers, communities and lenders all exploring a proposed development or redevelopment of existing property. We go beyond the numbers to explore if a project will fit the market's needs. Our work starts with grassroots market research and continues through debt and equity scenarios all aimed at gauging the likelihood of achieving an adequate return on investment.

See our addenda item listing all our recent past projects. Reference attached.

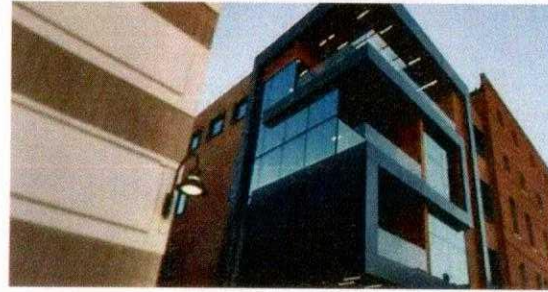


Hotel Verdant Wisconsin- Grey Hospitality: designed & managed

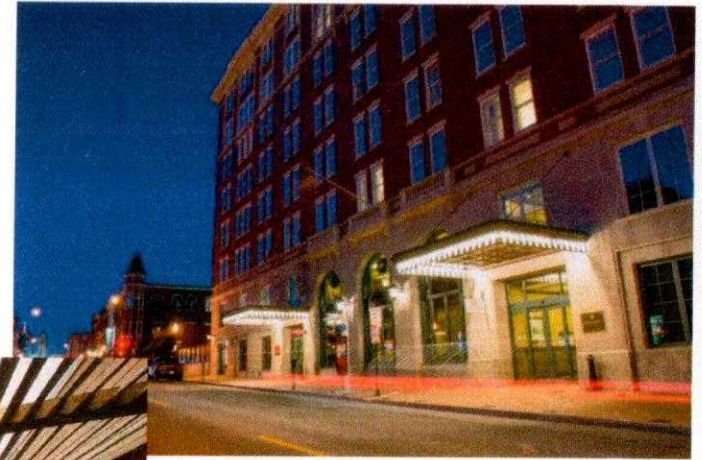
PAST HOTEL DEVELOPMENT PROJECTS



Hotel Vandivort- Springfield MO



Hotel Vandivort- Phase 1 & Roof
top bar below



Hotel Julie- Dubuque, IA



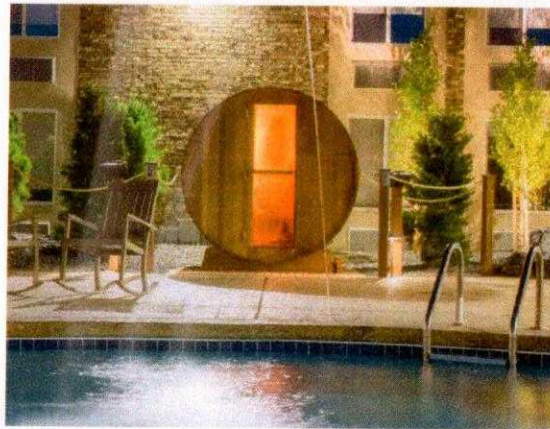
Jefferson Street Inn- Wausau, WI



PAST HOTEL DEVELOPMENT PROJECTS



Hotel Red- Madison, WI



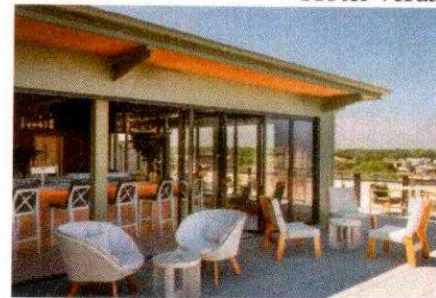
Hotel Best Western Premier-
Marshfield, WI



Hotel Verdant, Racine, WI



Delafield Hotel, Milwaukee WI



REQUESTED COUNCIL MEETING DATE: December 5, 2023

ITEM: Fire Rescue Truck

ORIGINATING DEPARTMENT: Fire Department

ATTACHMENT:

1. specs 11-21-23
 2. Neosho Mo 2023 Rescue - FINAL Proposal AFTER MEETING 11-14-2023
 3. Proposal Documents -- Neosho MO -- Medium Rescue -- 11-16-2023
-

PURPOSE:

To Approve a bid for a new fire rescue truck.

BACKGROUND:

We sent out bids for a new rescue truck through HGAC. We have received 3 quotes back, all are acceptable and meet our specs. The HGAC is an approved cooperative procurement cooperative that is listed in our purchasing policy. The bids are as follows.

Precision Fire Apparatus \$366,795.00

DANKO Apparatus and Equipment Sales \$372,035.00

Fire Master Fire Equipment Inc. \$406,708.00

This is a budgeted item.

RECOMMENDATION:

Staff recommends accepting the bid from Precision Fire Apparatus for the price of \$366,795.00

NEOSHO FIRE DEPARTMENT

NEOSHO, MO

DANKO RESCUE

NFPA 1901 COMPLIANCE

The NFPA 1901 "Standard for Automotive Fire Apparatus, 2016 Edition" Chapter 10- Special Service, and any other applicable chapters, are hereby adopted and made a part of these specifications, the same as if it were written out in full detail, with the exception of the section dealing with "Equipment Recommended for Various Types of Apparatus". Bidders shall provide the equipment requested herein and the buyer shall supply the rest before the apparatus is put into service.

The proposed apparatus as described in this specification document and all related material with the bid package shall meet or exceed all applicable sections for the category of apparatus as defined by NFPA 1901 newest edition, unless specifically noted within this specification or other official documents associated with this bid.

Should any area, section or portion of the apparatus not meet the intent and applicable requirements, a clearly defined listing or explanation of what and why compliance was not achieved shall be provided to the purchaser at the time of delivery.

NFPA STATEMENT OF EXCEPTIONS

The proposed apparatus as described in this specification document does not meet the intent and applicable requirements based on the specified edition of NFPA in the following areas:

The required "Minor Equipment" as stated in the newest edition of NFPA 1901, sections 10.9 shall be the responsibility of the purchaser unless otherwise specified in these specifications.

DRAWINGS

A detailed drawing that represents the apparatus as described herein shall be provided with these specifications. Generic layouts or drawings of similar apparatus shall not be acceptable.

VEHICLE STABILITY

The apparatus shall comply with the vehicle stability requirements of the 2016 edition of NFPA 1901. The apparatus shall be considered substantially similar to a previously tested apparatus meeting the stability requirements based on section 4.13.1.1.2.

HIGHWAY PERFORMANCE

The apparatus shall be tested at its estimated in-service weight to verify the NFPA 4.15.1 Highway Performance Test and 4.17 General Pre-Delivery Tests are met for the apparatus prior to delivery.

TIRE PRESSURE INDICATING VALVE CAPS

The apparatus shall be equipped with a visual indicator on each tire to warn the operator when tire pressure needs to be checked.

NEOSHO FIRE DEPARTMENT

NEOSHO, MO

PERMANENT FLUID PLATE

A permanent plate shall be affixed to the completed apparatus specifying the quantity and type of the following fluids that may be used in the apparatus for normal maintenance. Where a fluid is not applicable to the unit, the plate shall be marked N/A to inform a service technician who may not be familiar with the apparatus.

APPARATUS FLUIDS	
Engine Oil	Pump Transmission Lubrication Fluid
Engine Coolant	Pump Primer Fluid
Transmission Fluid	Air Compressor System Lubricant
Drive Axle Lubrication Fluid	Generator System Lubricant
Transfer Case Fluid	Front Tire Cold Pressure
Power Steering Fluid	Rear Tire Cold Pressure
Air Conditioning Refrigerant	Other:
Air Conditioning Lubrication Oil	Misc:

*** Sample Label for Reference Only.*

A sign shall be affixed in the chassis cab, in plain sight of the driver, that states the maximum number of personnel, and the overall travel length and height of the apparatus.

A sign that reads "OCCUPANTS MUST BE SEATED AND BELTED WHEN APPARATUS IS IN MOTION" and "DO NOT WEAR HELMET WHILE SEATED" shall be visible from each seated position.

Any other appropriate label(s) shall be affixed in noticeable locations to ensure the safe operation of the apparatus.

MAXIMUM SPEED REQUIREMENT

The maximum top speed shall not exceed 68 MPH or the tire manufacturer's maximum fire service speed rating, whichever is lower on vehicles with a gross vehicle weight rating (GVWR) over 26,000 lbs.

CHASSIS

The chassis shall be a Freightliner commercial chassis.

At time of delivery at the factory the chassis shall be full of fuel and DEF (urea) and all fluid levels checked.

Any factory parts removed from the chassis and replaced shall not be returned to the customer unless otherwise specified.

The chassis shall be a M2 106 regular cab.

The exhaust will terminate out the right side of the body in front of the rear tires.

NEOSHO FIRE DEPARTMENT

NEOSHO, MO

CLEAN & DETAIL APPARATUS

At time of delivery at the factory the completed apparatus shall be cleaned and detailed both inside and out.

BACKUP ALARM

The chassis shall be equipped with a backup alarm. The backup alarm shall be provided and installed on the chassis by the chassis manufacturer. The backup alarm shall provide an audible alert any time the transmission is shifted into reverse.

CHASSIS SEAT BELTS

The chassis shall have bright red or bright orange seat belts as required by NFPA. This option shall be provided by the chassis manufacturer.

VEHICLE DATA RECORDER (VDR)

The chassis shall be equipped with a Vehicle Data Recorder (VDR) which shall be provided and installed by the chassis manufacturer.

CHASSIS ENGINE WORK LIGHT

One (1) work light shall be located in the chassis engine compartment. The work light shall be provided and installed by Freightliner as a chassis option.

INVERTER / BATTERY CHARGER

There shall be a Kussmaul Auto Power 1500W inverter/charger model 091-263-12-1500 installed on the apparatus. The Auto Power 1500 is a compact automatic 3 stage battery charger and 1500 watt continuous/4500 watt surge pure sine wave inverter with a conversion efficiency of 80% and high surge capability to meet the power needs of all sorts of demanding loads without putting the equipment at risk.

The inverter/charger shall be wired to the chassis ignition switch to eliminate the possibility of leaving the inverter on when the chassis is not running.

The inverter/charger shall have a built in transfer switch to automatically switch any connected outlets between inverter power and shoreline power.

The inverter/charger shall have the following operational specifications:

- Charger Input: 120 volt AC at 12 amps max
- Charger Output: 12 volt DC at 55 amps
- Inverter Output: 1500w (Cont.)/4500w (Surge)
- Inverter Output: 12.5 Amp AC Cont./40 Amp AC Peak

The inverter/charger shall have a 5 year warranty.

NEOSHO FIRE DEPARTMENT

NEOSHO, MO

SUPER AUTO EJECT SHORELINE RECEPTACLE

A Kussmaul model 091-55-20-120 Super Auto Eject 120-volt shoreline receptacle shall be installed on the left side of the apparatus and connected to the battery charger.

When the vehicle is started the shoreline shall automatically eject to prevent the vehicle from being moved while still connected.

An industrial grade 120-volt connector designed to function with the super auto eject shall be provided.

DELUXE COVER WITH INDICATOR DISPLAY

The Super Auto Eject shall be supplied with a Deluxe cover that incorporates a bar graph indicator display along with a weatherproof cover. The Deluxe cover shall have a single green "Power On" light and a 10 bar red LED graph to display the charge level of the batteries.

The color of the Deluxe cover shall be YELLOW unless otherwise specified.

AIR BRAKE REFILL WITH CHECK VALVE

A manual male air inlet shall be located near the driver's door. This fitting shall be connected to the air brake system "wet" tank to allow a remote air source to maintain a usable pressure in the chassis brakes. A check valve shall be provided as part of the system.

A female coupler that will function with the inlet shall be supplied and shipped loose with the completed apparatus.

120 VOLT RECEPTACLE OUTLET BOX

Nine (9) outlet box(s) shall be installed on the apparatus and wired in conjunction with the inverter/charger. Each outlet box shall have one (1) duplex outlet for a total of two (2) individual outlets.

The outlet box(s) location shall be as follows:

L3 Compartment

T1 Compartment

T1 Compartment (2 outlets wired from inverter)

On rear of console in chassis cab

OEM TWO TONE PAINTED CHASSIS CAB

The chassis cab shall be painted two tone from the chassis manufacturer. A Freightliner layout shall be provided to the customer at preconstruction meeting, the top shall be black/bottom red.

NEOSHO FIRE DEPARTMENT

NEOSHO, MO

OEM CHASSIS RIMS

The wheel rims shall be as stated in the chassis specifications unless otherwise noted.

ONSPOT AUTOMATIC TIRE CHAIN SYSTEM (Provided by chassis manufacturer)

The apparatus shall be equipped with an automatic tire chain system to provide traction, in both forward and reverse, as well as providing increased vehicle stability in inclement weather conditions.

OnSpot tire chains are designed for ice, packed snow and up to 6" of fresh snow with an operating speed of up to 35 mph. The system will increase the acceleration rate and reduce stopping distances.

The OnSpot tire chain system shall be permanently installed on the rear axle of the apparatus and is DOT approved in all 50 states.

The OnSpot tire chains shall be provided and installed by the chassis manufacturer.

AIR HORNS (Provided by chassis manufacturer.)

There shall be dual stutter tone air horns mounted one on each side of the chassis hood. The air horns shall be provided and installed by the specified chassis manufacturer.

FIRE EXTINGUISHER(S)

One (1), 5 lb. ABC D.O.T approved fire extinguisher(s) with a vehicle mounting bracket shall be provided with the completed apparatus and shipped loose in the chassis cab.

REFLECTIVE TRIANGLES

One (1), road safety kit(s) shall be provided with the completed apparatus. Each kit shall consist of three (3) D.O.T approved reflective triangles.

APPARATUS BODY

The apparatus body shall be approximately 192" long x 100" wide x 94" height.

BODY AND COMPARTMENT CONSTRUCTION

The body and compartments shall be constructed of 3/16" smooth aluminum sheets, formed using the break-and-bend method of fabrication and aluminum mig welded. The smooth aluminum shall be 3003. This uni-body method of construction forms the aluminum into a strong, yet flexible structure.

The complete body shall be modular style, to be easily removed and mounted to another chassis.

The body compartments will be properly sealed to keep dirt and water from entering. The compartment floors shall be sweep out type and be made to the largest practical dimensions in order to provide maximum storage capacity.

NEOSHO FIRE DEPARTMENT

NEOSHO, MO

GRAVEL SHIELD

There shall be a 1/8" treadbrite aluminum gravel shield attached to the front, lower, outer edges of the apparatus body. The gravel shield shall provide protection to help reduce potential damage to the paint from road debris.

RUB RAILS

Aluminum rub rails 1-1/2" wide x 3/8" thick, to be furnished below the compartment doors, on both sides of the apparatus body. The rub rails to be spaced 3/4" from the body enabling shock absorbency and cleaning ease. Spacers shall be nylon, with counter sunk stainless steel bolt fasteners for easy replacement.

REAR FENDER WELLS

The rear fenders shall be built integral with the sides of the apparatus body. The fender wells shall be constructed of smooth, painted aluminum with a heavy-duty, extruded aluminum fenderette. A circular smooth aluminum inner wheel liner shall be furnished for each fender providing an easy to clean area. Sufficient clearance shall be provided to allow for the use of tire chains when the apparatus is fully loaded.

SUBFRAME

The subframe shall be fabricated of steel. The subframe will support the compartments, fenders and rear step. There shall be steel tube cross members 2" x 3" x 1/4" thick. The side compartments and fenders shall be bolted to the steel tube cross members of the subframe. The subframe shall be fastened to the chassis frame with U-Bolts.

The complete subframe shall be hot dipped galvanized after its fabrication and construction, and shall have a lifetime warranty for rust and corrosion.

TOW EYES

Two (2), tow eyes shall be built as an integral part of the subframe. The tow eyes shall be located underneath the rear of the apparatus body and accessible from the rear. The tow eyes shall be constructed of 3/4" solid steel plate for strength and hot dip galvanized for corrosion resistance.

BODY ROOF

The body roof sheet shall be fabricated from NFPA compliant embossed non-skid .125" polished aluminum treadbrite. The roof sheet shall be supported with 3" channel to support the weight of several firefighters, and permanently mounted to insure a weatherproof seal.

MUDFLAPS

Two (2), mudflaps shall be supplied and mounted one on each side behind the rear wheels.

NEOSHO FIRE DEPARTMENT

NEOSHO, MO

REAR TAILBOARD

The rear tailboard shall be constructed with embossed aluminum treadbrite. The tailboard shall be 11-1/2" in depth, the full width of the body and bolted directly to the steel undercarriage at the rear of the body.

COMPARTMENT ROLL-UP DOORS

All roll-up doors shall be manufactured by ROM, with aluminum slats that roll onto a spool at the top of the compartment. Each slat has interlocking end shoes to prevent the slats from moving side-to-side and binding the door as well as providing smooth operation without constant lubrication.

Between every slat is a hidden extruded inner seal to prevent metal-to-metal contact and provide superior strength and increased structural rigidity as well as helping prevent dirt, and moisture from entering the compartment.

Each roll-up door shall have a four inch diameter counterbalance drum for easy opening and closing.

The slats, track and trim shall have an anodized satin finish to eliminate oxidation and rusting.

The door latch shall be a full width one-piece extruded lift bar operable by one hand.

ROLL-UP DOOR STRAPS

There shall be an elastic pull down strap supplied on each roll up door to assist in closing roll up doors.

COMPARTMENT VENTING

All body compartments shall be vented. The vents shall be mounted in a manner that will reduce the amount of dirt and water that may enter the compartment.

COMPARTMENT DRAIN HOLES

Each compartment shall have drain holes to allow standing water to exit the compartment underneath the apparatus.

COMPARTMENT LIGHTING

Each lighted compartment shall be lit with a rugged LED strip light; running vertically along the compartment door opening and activated by an automatic switch. This style of lighting shall provide uniform and consistent illumination throughout the compartment.

NEOSHO FIRE DEPARTMENT

NEOSHO, MO

COMPARTMENT L1

There shall be a transverse compartment located directly behind the chassis cab with an approximate door opening of 63" wide x 61" high. The compartment shall have a roll-up door.

The L1 and R1 compartments shall be transverse above the frame rails to allow access from either side of the apparatus. The compartments shall be standard 24" depth below the frame rails.

There shall be struts located on the rear bulkhead in the compartment to mount clips for pike poles.

There shall be a heavy duty, roll out equipment tray installed in the compartment. The tray shall be constructed of 3/16" smooth aluminum with a 4" minimum perimeter and an abraded finish and will extend to the center of the apparatus.

The roller rail system shall be a SlideMaster model SM3-SP steel assembly with a rated distributed load capacity of 1,000 lbs and 100% extension capabilities.

The tray shall be provided with an IMS spring lock. The spring lock is operated with a round red knob, pulling on the knob releases the tray for outward travel and pushing on the knob releases for inward travel. The spring lock automatically locks the tray in the open and closed positions.

There shall be a PAC TRAC dual side toolboard provided and mounted on the tray. The toolboard shall be installed on a channel with gussets at front and rear for strength. A handle shall be provided.

The toolboard shall extend the full depth of the tray and approximately 46" in height.

There shall be matting installed in the roll-out tray to provide traction and drainage should water enter the compartment.

There shall be floor matting installed in the compartment to provide traction and drainage should water enter the compartment.

This compartment door opening shall be supplied with two (2) lighting strips, located one on each side of the door opening running vertically.

NEOSHO FIRE DEPARTMENT

NEOSHO, MO

COMPARTMENT L2

There shall be a transverse compartment located above the rear chassis wheels with an approximate door opening of 72" wide x 27" high. The compartment shall have a roll-up door.

The L2 and R2 compartments shall be transverse to allow access from either side of the apparatus.

There shall be one (1) center depth roll out/tilt down tray(s) located in the compartment. The tray shall be provided with a tip-down roller assembly frame with a rated capacity of 250 lb. 90% extension capabilities, and a 30-degree tip down angle. The tray(s) shall have a 3" lip around the perimeter and shall be constructed of 3/16" smooth aluminum.

The tray shall be provided with an IMS spring lock. The spring lock is operated with a round red knob, pulling on the knob releases the tray for outward travel and pushing on the knob releases for inward travel. The spring lock automatically locks the tray in the open and closed positions.

There shall be matting installed in the roll-out tray to provide traction and drainage should water enter the compartment.

This compartment door opening shall be supplied with two (2) lighting strips, located one on each side of the door opening running vertically.

COMPARTMENT L3

There shall be one (1) compartment located behind the rear wheels with an approximate opening of 36" wide x 61" high and a usable depth of approximately 24". The compartment shall have a roll-up door.

There shall be two (2) adjustable shelf(ves) located in the compartment. The shelf(ves) will be constructed of 3/16" smooth aluminum with a 2" lip at the front and rear of the shelf.

The shelf(ves) shall be mounted on strut channel to allow them to be adjusted in the compartment.

There shall be matting installed in the adjustable shelf to provide traction and drainage should water enter the compartment.

There shall be floor matting installed in the compartment to provide traction and drainage should water enter the compartment.

This compartment door opening shall be supplied with two (2) lighting strips, located one on each side of the door opening running vertically.

NEOSHO FIRE DEPARTMENT

NEOSHO, MO

COMPARTMENT R1

There shall be a transverse compartment located directly behind the chassis cab with an approximate door opening of 63" wide x 61" high. The compartment shall have a roll-up door.

The L1 and R1 compartments shall be transverse above the frame rails to allow access from either side of the apparatus. The compartments shall be standard 24" depth below the frame rails.

There shall be a heavy duty, roll out equipment tray installed in the compartment. The tray shall be constructed of 3/16" smooth aluminum with a 4" minimum perimeter and an abraded finish and will extend to the center of the apparatus.

The roller rail system shall be a SlideMaster model SM3-SP steel assembly with a rated distributed load capacity of 1,000 lbs and 100% extension capabilities.

The tray shall be provided with an IMS spring lock. The spring lock is operated with a round red knob, pulling on the knob releases the tray for outward travel and pushing on the knob releases for inward travel. The spring lock automatically locks the tray in the open and closed positions.

There shall be a PAC TRAC dual side toolboard provided and mounted on the tray. The toolboard shall be installed on a channel with gussets at front and rear for strength. A handle shall be provided.

The toolboard shall extend the full depth of the tray and approximately 46" in height.

There shall be matting installed in the roll-out tray to provide traction and drainage should water enter the compartment.

Two (2), ZICO model UN-6-30-3-SF 6" walkaway spring clip bracket shall be supplied and mounted on the front side of the PAC TRAC toolboard.

NOTE: The customer will be required to inform Danko of the model and cylinder type used in order to verify the correct model of mounting brackets.

There shall be floor matting installed in the compartment to provide traction and drainage should water enter the compartment.

This compartment door opening shall be supplied with two (2) lighting strips, located one on each side of the door opening running vertically.

NEOSHO FIRE DEPARTMENT

NEOSHO, MO

COMPARTMENT R2

The shall be one (1) transverse compartment located above the rear wheels with an approximate opening of 72" wide x 27" high. The compartment shall have a roll-up door.

There shall be one (1) center depth roll out/tilt down tray(s) located in the compartment. The tray shall be provided with a tip-down roller assembly frame with a rated capacity of 250 lb. 90% extension capabilities, and a 30-degree tip down angle. The tray(s) shall have a 3" lip around the perimeter and shall be constructed of 3/16" smooth aluminum.

The tray shall be provided with an IMS spring lock. The spring lock is operated with a round red knob, pulling on the knob releases the tray for outward travel and pushing on the knob releases for inward travel. The spring lock automatically locks the tray in the open and closed positions.

There shall be matting installed in the roll-out tray to provide traction and drainage should water enter the compartment.

This compartment door opening shall be supplied with two (2) lighting strips, located one on each side of the door opening running vertically.

COMPARTMENT R3

The shall be one (1) compartment located behind the rear wheels with an approximate opening of 36" wide x 61" high and a usable depth of approximately 24". The compartment shall have a roll-up door.

Cascade and frag chamber will be provided and installed in the R3 compartment. Details pertaining to the Cascade system are listed later in the specifications.

There shall be one (1) adjustable shelf(ves) located located above the Cascade system in the compartment. The shelf(ves) will be constructed of 3/16" smooth aluminum with a 2" lip at the front and rear of the shelf.

The shelf(ves) shall be mounted on strut channel to allow them to be adjusted in the compartment.

There shall be matting installed in the adjustable shelf to provide traction and drainage should water enter the compartment.

There shall be floor matting installed in the compartment to provide traction and drainage should water enter the compartment.

This compartment door opening shall be supplied with two (2) lighting strips, located one on each side of the door opening running vertically.

NEOSHO FIRE DEPARTMENT

NEOSHO, MO

COMPARTMENT T1

The shall be one (1) compartment located at the rear of the apparatus with an approximate opening of 45" wide x 48" high and a usable depth of approximately 40". The compartment shall have a roll-up door.

There shall be one (1) *adjustable* roll out/tilt down tray(s) located in the compartment. The tray shall be provided with a tip-down roller assembly frame with a rated capacity of 250 lb. 90% extension capabilities, and a 30-degree tip down angle. The tray(s) shall have a 3" lip around the perimeter and shall be constructed of 3/16" smooth aluminum.

The tray shall be provided with an IMS spring lock. The spring lock is operated with a round red knob, pulling on the knob releases the tray for outward travel and pushing on the knob releases for inward travel. The spring lock automatically locks the tray in the open and closed positions.

There shall be matting installed in the roll-out tray to provide traction and drainage should water enter the compartment.

There shall be a heavy duty roll out equipment tray installed in the T1 compartment of the apparatus. The tray shall be constructed of 3/16" smooth aluminum with a 4" minimum perimeter and an abraded finish.

The roller rail system shall be a SlideMaster model SM3-SP steel assembly with a rated distributed load capacity of 1,000 lbs and 100% extension capabilities.

The tray shall be provided with an IMS spring lock. The spring lock is operated with a round red knob, pulling on the knob releases the tray for outward travel and pushing on the knob releases for inward travel. The spring lock automatically locks the tray in the open and closed positions.

There shall be matting installed in the roll-out tray to provide traction and drainage should water enter the compartment.

There shall be floor matting installed in the compartment to provide traction and drainage should water enter the compartment.

This compartment door opening shall be supplied with two (2) lighting strips, located one on each side of the door opening running vertically.

NEOSHO FIRE DEPARTMENT

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CASCADE SYSTEM

There shall be SCBA Inc system provided and installed in the R3 compartment of the apparatus. The system will be as follows:

A cascading type control panel shall be supplied for filling SCBA/SCUBA cylinders. The control panel will be designed for use with a **4 bank** storage system. The control panel will include a valve and gauge for each bank in the storage system, an adjustable pressure reducing regulator with an inlet gauge and an outlet gauge for filling the different types/pressures of cylinders, an inlet fitting with a quick disconnect fitting and control valve for refilling the cascade system without having to disassemble any of the system and a valved outlet for connecting to the SCBA/SCUBA fill enclosure.

The panel shall be constructed of 1/4" thick aluminum and shall be custom fitted to fit the apparatus being mounted in.

All gauges shall be 2 1/2"(63mm) diameter pressure gauges. Each gauge shall exceed ANSI B40.1 Grade A requirements with an accuracy of +/- 1.5% full scale and include a size appropriate phosphorous bronze bourdon tube with a reinforced lap joint and large tube base to increase the tube life and gauge accuracy. A polished chrome-plated stainless steel bezel shall be provided to prevent corrosion and protect the lens and gauge case.

Gauges used for the individual storage banks will have a 0-7500 psi range. Gauges used for the inlet and regulated pressures on high pressure regulators (0-6000 psi outlet) will have a 0-7500 psi range.

All control valves shall be rated at 6000 psi working pressure with a 4:1 safety factor. Valves shall be constructed of chrome plated brass and shall be of the soft seat type with the seats being easily replaced without removing the valve from the panel or having to disturb any of the plumbing.

The system refill and outlet (fill hose/fill enclosure) connections on the control panel will have the appropriate connections for the rated pressures of the storage system being used with the control panel.

The control panel shall meet Chapter 24 of NFPA 1901, 2008 Edition.

A spacesaver two cylinder vertical fill enclosure which includes the ability to fill two cylinders at a time, a fragment containment design safety interlock system to prevent filling of SCBA cylinders if cylinder door is not completely closed. A swing out cylinder container for easy cylinder loading/unloading and two fill whips with valves and bleeder valves.

NEOSHO FIRE DEPARTMENT

NEOSHO, MO

BOTTLE STORAGE

Four (4) HC 6000 PSI cascade cylinders, filled with breathing air shall be provided under the L2/R2 transverse compartments. The bottles shall be accessible from the T1 compartment, they will not protrude past the front bulkhead of the T1 compartment. The cylinders shall be secured in the storage area. The bottles shall be plumbed to the Cascade control panel in the R3 compartment. Retest period on the bottles is 10 years. The bottles have DOT classification of ISO-9809-2-6000.

SCBA CYLINDER STORAGE LEFT SIDE WHEEL WELL

Storage for three (3), SCBA cylinders shall be installed in the rear wheel well area on the driver's side of the body. Each tube shall be approximately 8" in diameter and constructed of poly with a brushed stainless door. There shall be a safety strap installed to secure the cylinder inside the tube.

One cylinder shall be stored in a single tube ahead of the rear axle and two cylinders shall be stored in a double tube behind the rear axle.

NOTE: The maximum useable depth of the cylinder storage is 26". The customer is responsible to verify their cylinder dimensions for an accurate fit.

SCBA CYLINDER STORAGE RIGHT SIDE WHEEL WELL

Storage for three (3), SCBA cylinders shall be installed in the rear wheel well area on the passenger's side of the body. Each tube shall be approximately 8" in diameter and constructed of poly with a brushed stainless door. There shall be a safety strap installed to secure the cylinder inside the tube.

One cylinder shall be stored in a single tube ahead of the rear axle and two cylinders shall be stored in a double tube behind the rear axle.

NOTE: The maximum useable depth of the cylinder storage is 26". The customer is responsible to verify their cylinder dimensions for an accurate fit.

NEOSHO FIRE DEPARTMENT

NEOSHO, MO

COFFIN COMPARTMENTS

There shall be coffin compartments located on top of the apparatus one on each side. The coffin compartments shall be approximately 22" deep and the full length of the body. Each coffin compartment shall be accessible from the top and enclosed with two embossed treadbrite covers split at the center.

Each cover shall have a 1" lip around the perimeter to provide a better seal and prevent water from entering the area.

The covers shall be fastened with stainless steel hinges to the outer side of the body and equipped with pressurized gas filled pneumatic cylinders to assist in raising and holding the covers in the open position and holding them securely closed.

Each cover shall have a chrome grab handle installed to assist in opening and closing the cover.

There shall be drains installed to allow standing water to exit the coffin compartments through a vinyl tube that terminates below the apparatus.

There shall be matting supplied in the coffin compartments.

The coffin compartment door openings shall be supplied with one (1) lighting strip each.

LADDER RACK

A ladder storage rack shall be provided and mounted to the back wall of the passenger side coffin compartment. The rack shall consist of cast aluminum brackets mounted on aluminum strut channel to allow for easy adjustment and to allow personnel to quickly remove the ladders. The ladders shall be fastened using a spring loaded handle latch.

The ladder rack shall have the capacity to store a 2-section extension ladder and a roof ladder.

LADDER(S)

One (1), Duo-Safety series 900-A, 24' two-section solid beam aluminum ladder shall be supplied.

LADDER(S)

One (1), Duo-Safety series 775-A, 14' roof ladder featuring channel rail construction and prong feet shall be supplied.

There will be no ladders supplied.

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PIKE POLE

Four (4), Duo-Safety 6' fiberglass pike pole with a cadmium plated steel head and cast aluminum butt end shall be provided. The pole shall be yellow in color.

Two (2) 4' pike poles with D handles shall be provided.

The pike poles shall be mounted to the rear bulkhead of the L1/R1 transverse compartment. Mounting clips shall be provided to secure the pike poles.

REAR ACCESS LADDER

One (1), access ladder shall be mounted at the rear of the apparatus on the left side. The ladder shall be constructed with 1" x 2" x 1/8" aluminum tubing and slip resistant rungs.

HANDRAIL(S)

Handrails shall be round extruded aluminum with slip resistant rubber inserts. The handrail brackets shall be brass, chrome plated and fastened to the body with stainless steel bolts. The handrails shall be located in the following area(s):

One (1) horizontal handrail shall be mounted on left top side of the hatch compartment lid in order to assist personnel in gaining access to the top of the apparatus.

PLATFORM STEP

There shall be a platform step approximately 8" deep and 42" wide located at the rear of the apparatus. There shall be a grab handle incorporated into the rear platform step.

12-VOLT ELECTRICAL

All electrical equipment shall be installed using high temperature, copper, multi-strand, crosslink-coated wire. The wiring shall be colored coded and the function labeled every 3" end to end.

All wiring shall be enclosed in a protective loom throughout the electrical system and rubber grommets shall be used where the wiring passes through module walls.

All wire connections located under the apparatus body shall be weatherproofed with a clear, flexible, protective coating.

NEOSHO FIRE DEPARTMENT

NEOSHO, MO

CAB CONSOLE

There shall be a custom built console installed in the chassis cab between the front bucket seats. The console shall have a standard layout designed by the manufacturer to accommodate items specific to the apparatus such as light and siren controls, radio(s), and other various controls.

The console shall be finished with a black, durable textured coating.

The top of the console shall be flat.

There shall be One (1) open storage pocket(s) provided at the rear of the console. It shall be the same width as the console and extend approximately 4" from the rear of the console.

MULTIPLEXED ELECTRICAL SYSTEM

An InPower VCMS multiplexed switch module system shall be connected to one or more power modules via a logic cable to provide power outputs and digital input system control. The power modules shall contain 12 volt DC power outputs rated at 15 amps each and include over current and short circuit automatic fault shutdown protection.

There shall be an electrical box located towards the rear of the apparatus to house the rear power modules. The electrical box shall be mounted in an easily accessible location and constructed of aluminum. It shall be sealed to provide weather resistance. The rear electrical box is the main interface point between the chassis and body; allowing for simple isolation of the body.

SWITCH PANEL

An InPower switch panel shall be provided and mounted in an easily accessible location inside the chassis cab. The switch panel shall contain an adequate number of push button switches to be used for controlling the vehicle 12 volt auxiliary lights and devices.

The switch panel features a durable low profile metal case and push button switches with a LED status indicator directly above each switch. Each switch shall be LED backlit and clearly labeled for quick identification.

There shall be a singular "Master Warning Lights" switch provided to simultaneously control all optical warning devices on the apparatus, with the exception of a traffic advisor if equipped.

NEOSHO FIRE DEPARTMENT

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APPARATUS BODY 12-VOLT DISCONNECT

One (1), disconnect solenoid with a sufficient amp rating shall be wired from the battery and activated by the chassis ignition to disconnect all electrical accessories added by the body manufacturer. Items such as auxiliary engine starter, winch, booster reel(s), or high amp load items shall be excluded from the disconnect solenoid.

One (1), reset breaker shall be installed between the solenoid output and any electrical load.

One (1), indicator light shall be provided to indicate the apparatus 12-volt system is on. The light shall be located in the chassis cab and be visible from the driver's positions. The light shall be green in color and labeled "BATTERY ON".

DOOR OPEN WARNING LIGHT

A flashing red LED hazardous warning light shall be mounted in the chassis cab. This light shall indicate any open compartment doors, and/or other items permanently attached to the apparatus that may cause damage should the apparatus be moved.

The warning light shall be marked with a decal that states "DO NOT MOVE APPARATUS WHEN LIGHT IS ON".

Note: Doors without a light strip shall not be connected to the open door warning light.

ANTENNA/CABLE MOUNTING

One (1), customer supplied antenna(s) and antenna cable(s) shall be shipped to the apparatus manufacturer by the customer and mounted on the apparatus chassis roof. The antenna cable(s) shall be routed by the apparatus manufacturer to a location specified by the customer and tagged.

NOTE: Programming, tuning, and connecting the antenna cable to the radio system is the responsibility of the purchaser.

Antenna cable must be minimum of 25 feet. Connectors will not be installed on the antenna cable.

All components must be shipped to the manufacturer at the time the chassis arrives at the factory.

RADIO CUTOUT AND POWER

One (1), cutout(s) for a customer installed radio shall be provided on the cab console. There shall be mounting tabs located inside the console to allow for easy mounting of the radio by the customer.

One (1), switched 12 volt spare circuit(s), with appropriate breakers and lead wires, shall be provided and routed to a location inside the cab console and tagged.

NOTE: Customer is required to provide radio brand and model at time of the pre-construction to ensure the correct cutout.

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BRAKE/TURN/REVERSE LIGHTS

The rear brake/tail lights shall be 4" round LED with red lens.

The rear turn lights shall be 4" round LED with amber lens.

The rear reverse lights shall be 4" round LED with clear lens.

MIDSHIP TURN SIGNALS

There shall be two (2), LED amber midship auxiliary/turn signal lights installed one on each side of the body.

CLEARANCE MARKER LIGHTS

There shall be LED clearance marker lights provided to comply with ICC regulations. The clearance marker lights shall be located one on each side and rear corner of the apparatus body and a triple red light cluster recessed at the rear center of the body for a total of seven clearance marker lights.

Reflectors shall be supplied on the perimeter of the apparatus as specified by ICC regulations.

LICENSE PLATE BRACKET

A polished aluminum, lighted license plate bracket shall be mounted at the rear of the apparatus.

LED GROUND & SURFACE LIGHTING

LED ground and surface lighting shall be installed in areas where personnel may be expected to climb onto the apparatus and to illuminate all work surfaces, steps, and walkways.

The ground lights shall illuminate the ground within 30" of the apparatus to provide visibility of any obstructions or hazards. These areas shall include cab doors, and the rear step area.

The ground and surface lighting shall be activated when the park brake is applied.

SIREN

One (1), Whelen model 295HFS2 100/200 watt selectable output electronic siren with a flush mount control head shall be supplied and installed in the cab.

The control head operating controls shall consist of a power switch, manual button, and a function rotary switch. The control head overlay shall be illuminated with adjustable soft LED non-glaring backlighting.

The siren shall have 4 Scan-Lock™ siren tones with two (2) manual functions for additional siren tones.

The siren amplifier shall have a "Siren in Use" icon driver and adjustable preset repeat radio volume. The PTT (push to talk) switch on the microphone shall override all siren functions.

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SPEAKER

Two (2), Cast Products speaker, model SA4311-03M21, 100 watt speaker designed for a curved front bumper; shall be mounted on the front bumper of the chassis towards the driver's side.

UPPER ZONE A LIGHTING

One (1), Whelen Justice 01-0686119-03 56" LED lightbar shall be installed on the apparatus. The lightbar shall have two left side corner red Linear-LEDs, two right side corner blue Linear-LEDs and six front CON3 LEDs (2-Red/2-White/2-Blue).

All white emergency lights be deactivated when the parking brake is engaged in the Blocking Right of Way mode as required by NFPA.

The lightbar shall be mounted on top of the chassis cab roof.

ALLEY LIGHTS

There shall be two (2) alley lights, one each side in the lightbar. The alley lights shall be Whelen LR11 steady-burn clear LED lights with 15° horizontal adjustment. The alley lights shall each be switched in the cab.

TAKEDOWN LIGHTS

There shall be two (2) takedown lights, center mounted in the lightbar. The takedown lights shall be Whelen LR11 steady-burn clear LED lights with 15° horizontal adjustment. The takedown lights shall be switched in the cab with a single switch.

BROW LIGHT

There shall be a Whelen Pioneer Plus model PCH2 combination spot/flood light installed on the roof of the chassis. The PCH2 light features a rugged die-cast aluminum housing and a hard-coated lens. The light shall be installed with an adjustable bracket to mount the light to the leading edge of the chassis roof, just above the windshield. The light shall be controlled with a switch in the cab. The light housing and bracket shall be powder coated black.

UPPER ZONE B/ZONE D LIGHTING

The following perimeter lighting shall be installed in the upper B and D zones of the apparatus.

One (1) Whelen M9RC LED light shall be installed on the **front passenger's side** of the apparatus. The light shall have red LEDs and a clear lens cover with a chrome flange.

One (1) Whelen M9BC LED light shall be installed on the **rear passenger's side** of the apparatus. The light shall have blue LEDs and a clear lens cover with a chrome flange.

One (1) Whelen M9BC LED light shall be installed on the **front driver's side** of the apparatus. The light shall have blue LEDs and a clear lens cover with a chrome flange.

One (1) Whelen M9RC LED light shall be installed on the **rear driver's side** of the apparatus. The light shall have red LEDs and a clear lens cover with a chrome flange.

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UPPER ZONE C LIGHTING

Two (2) Whelen M9* series linear super-LED lights shall be installed on the outer rear corners of the apparatus, one per side. The driver side lighthouse shall have blue LEDs and a clear lens cover, the passenger side lighthouse shall have red LEDs and a clear lens cover. The lights shall be housed in a chrome flange.

MID ZONE C LIGHTING

Two (2) Whelen M9* series linear super-LED lights shall be installed on the outer rear corners of the apparatus, one per side, at mid height. The driver side lighthouse shall have red LEDs and a clear lens cover, the passenger side lighthouse shall have blue LEDs and a clear lens cover. The lights shall be housed in a chrome flange.

LOWER ZONE A LIGHTING

Two (2), Whelen M2W*C LED lights shall be installed at the front of the apparatus, one on each side with a chrome flange. The light shall have colored LEDs and a clear lens.

The driver's side light shall be a blue light, model M2WBC. The passenger's side shall be a red light, model M2WRC.

LOWER ZONE B/ZONE D LIGHTING

The following perimeter lighting shall be installed in the lower B and D zones of the apparatus.

One (1) Whelen M2WRC LED light shall be installed on the **front passenger's side** of the apparatus. The light shall have red LEDs and a clear lens cover with a chrome flange.

One (1) Whelen M2WBC LED light shall be installed in the **passenger's side midship area** of the apparatus. The light shall have blue LEDs and a clear lens cover with a chrome flange.

One (1) Whelen M6RC LED light shall be installed on the **rear passenger's side** of the apparatus. The light shall have red LEDs and a clear lens cover with a chrome flange.

One (1) Whelen M2WBC LED light shall be installed on the **front driver's side** of the apparatus. The light shall have blue LEDs and a clear lens cover with a chrome flange.

One (1) Whelen M2WRC LED light shall be installed in the **driver's side midship area** of the apparatus. The light shall have red LEDs and a clear lens cover with a chrome flange.

One (1) Whelen M6BC LED light shall be installed on the **rear driver's side** of the apparatus. The light shall have blue LEDs and a clear lens cover with a chrome flange.

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LOWER ZONE C LIGHTING

Two (2), Whelen M2W*C LED lights shall be installed at the rear lower section of the apparatus, one on each side with a chrome flange. The light shall have colored LEDs and a clear lens.

The driver's side light shall be a blue light, model M2WRC. The passenger's side shall be a red light, model M2WBC.

TRAFFIC ADVISOR

There shall be one (1), Whelen model TAL65 LED traffic advisor containing six medium intensity LED lamps. The traffic advisor shall be mounted at the rear of the apparatus. A deluxe controller shall be supplied and installed in the cab to control the traffic advisor.

BACK-UP CAMERA SYSTEM

A Rosco back-up camera system shall be installed on the apparatus. The system shall include a 7" LCD color monitor located in the chassis cab and a low profile color camera with infrared night vision and 150° field of view located at the rear of the apparatus.

The back-up camera shall be activated when the transmission is shifted into reverse. The operator will also be able to activate the camera by turning on the monitor in the cab.

HEADSETS

There shall be a David Clark headset system provided and installed. The following components shall be provided:

- Two (2) H9940 headsets, behind the head
- One (1) U9922-G38 Gateway, 3800 (includes one each whip antenna)
- Two (2) U9910-BSW Belt station, VOX (must purchase battery separate)
- One (1) C99-22PW Power Cord
- One (1) C38-21RD1 Radio Interface Cord
- One (1) A99-14CRG Charging unit - 4 bay
- One (1) C99-14DC1 Power Kit Charger
- Four (4) Battery Pack

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SCENE LIGHTS

Whelen Pioneer PCPSM1C 12-volt 7,800 lumen lights with a chrome housing shall be provided. The PCPSM1C is a flood/spot combo scene light with 24 super bright flood LED's and 12 spot LED's with a specialized reflector to provide even illumination.

The scene lights shall be mounted at the following locations:

Two (2) Whelen Pioneer series PCPSM1C LED scene lights with chrome flanges shall be mounted on the ***left upper side*** of the apparatus.

Two (2) Whelen Pioneer series PCPSM1C LED scene lights with chrome flanges shall be mounted on the ***right upper side*** of the apparatus.

Two (2) Whelen Pioneer series PCPSM1C LED scene lights with chrome flanges shall be mounted at the ***rear upper side***, one per side.

The scene lights shall be controlled with switches in the chassis cab. One switch shall control the left side, one switch for the right side, and one switch for the rear scene lights.

The rear scene lights shall also be activated when the park brake is on. This will help to illuminate the rear stepping surfaces. When the park brake is off the scene lights shall turn off.

PAINTING

After the apparatus body and components have been fabricated and assembled, the apparatus body shall be completely sanded and deburred for removal of sharp edges. The apparatus and components shall be metal prepped to provide a superior substrate for painting.

The apparatus body and components shall undergo a degreasing/cleaning process, starting with a clear, acidic liquid, designed to remove surface soils and oxidation. This process develops a light phosphate coating, which gives aluminum a superior base for good paint adhesion.

The apparatus body shall be painted to match the OEM chassis paint color:

BODY PAINT COLOR:	RED
PAINT MFG:	PPG
PAINT CODE:	*****

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2-TONE PAINT

The top of the apparatus body shall be painted a second color to provide a 2-tone finish.

After the cleaning process, a fast build epoxy primer shall be applied and sanded prior to the top finish coatings. The finish painting process shall consist of applying two (2), coats of high quality, 3.5 VOC polyurethane paint to maintain proper film thickness.

COMPARTMENT INTERIOR PAINT

All compartment interiors shall be painted with a multicolor textured paint. The color shall be "Marblestone" a white and grey finish.

The finish offers exceptional durability for use in apparatus compartments providing a scuff and chemical resistant finish.

ELECTROLYSIS CORROSION CONTROL

The apparatus shall be assembled using ECK or electrolysis corrosion control, on all high corrosion potential areas, such as door latches, door hinges, trim plates, fenderettes, etc. This coating is a high zinc compound that shall act as a sacrificial barrier to prevent electrolysis and corrosion between dissimilar metals. This shall be in addition to any other barrier material that may be used.

All ¼" diameter and smaller screws and bolts shall be stainless steel with a powdered aluminum coating. This coating shall be bonded metallurgically to the stainless screws to prevent peeling and flaking. This coating is designed to reduce the potential for electrolysis and corrosion to occur where items are assembled and attached.

BODY UNDERCOATING

The entire underside of the body shall be coated with a tough, pliable, rubberized coating for protection against abrasion and corrosion. This hybrid undercoating features a water based formula with quick dry capability to achieve early water and weather resistance.

The undercoating shall be applied prior to installation of the body onto the chassis to avoid spraying the product on air lines, cables, or other items that would cause normal maintenance to be hindered.

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LETTERING

The lettering shall be reflective or simulated gold leaf outlined and shadowed in black; up to 90 characters with a maximum size of 4 inches.

The lettering size shall correlate with the area in which the lettering is applied as directed by the customer.

NOTE: Addition of a custom logo or maltese, exceeding 90 characters, or exceeding maximum size will result in an additional charge added to the final invoice.

"HOME OF THE WILDCATS" will be provided and installed on the outside open area of the coffin compartments on both sides of the body.

CUSTOM DECALS

There shall be two (2) custom decals provided and applied, one on each side of the apparatus. The decal layout and details must be supplied by the customer along with the lettering instructions.

BLACK REFLECTIVE STRIPING

Reflective striping shall be applied to the exterior of the apparatus in a manner consistent with NFPA. A reflective stripe shall also be applied to the interior of each chassis cab door and any equipment such as roll-out trays or frames that protrude beyond the body of the apparatus to indicate a hazard or obstruction. An additional reflective stripe shall be applied to the body's rub rails.

The color of the striping shall be BLACK.

The striping shall be 4" wide and applied to the chassis and body in a "Z" pattern.

There shall be a 1" GOLD reflective stripe applied above and below the center stripe with a 1" space between stripes.

REAR CHEVRON REFLECTIVE STRIPING - RED/YELLOW

There shall be retro-reflective striping applied in a chevron pattern to at least 50% of the rear facing vertical surfaces of the apparatus as required by NFPA standards.

The striping shall consist of alternating red and fluorescent yellow retro-reflective stripes. Each stripe shall be 6" in width and shall be applied to the apparatus at a 45° angle sloping downward and away from the centerline of the apparatus.

BODY STRUCTURE LIMITED WARRANTY

Danko Emergency Equipment Company shall warrant the body structure of the apparatus to be free of defects in design and workmanship for a period of seven (7) years.

NEOSHO FIRE DEPARTMENT

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ELECTRICAL WARRANTY

Danko Emergency Equipment Company shall warrant to each original purchaser that the Danko supplied electrical equipment are sound and free of all defects of both materials and workmanship, for a period of two (2) years. The warranty shall ensure that the vehicle will be free from defects in the electrical harness and connections under normal use and service within the warranty period.

PAINTED METAL SURFACE WARRANTY

Danko Emergency Equipment Company shall warrant the completed apparatus to be free of blistering, peeling and any other adhesion defect caused by defective manufacturing methods or paint material selection for metal exterior surfaces for a period of seven (7) years.

BASIC LIMITED WARRANTY

Danko Emergency Equipment Company shall warrant to each original purchaser that the apparatus is free of defects in material and workmanship for a period of one (1) year.

LETTERING/STRIPING WARRANTY

Danko Emergency Equipment Company shall warrant to each original purchaser that the apparatus lettering and/or striping shall be free of defects for a period of three (3) years.

STAINLESS STEEL PLUMBING WARRANTY

Danko Emergency Equipment Company shall warrant to each original purchaser that the apparatus stainless steel plumbing shall be free of defects for a period of ten (10) years.

MANUALS/DOCUMENTATION

There shall be one (1) 3-ring binder and one (1) electronic copy of the manufacturer operation and maintenance manual provided that covers the completed apparatus.

The manuals shall include chassis documentation, wiring diagrams, and any other documents or technical data referencing the apparatus. Also included shall be any manufacturers warranties and/or guarantees.

The manuals will include the NFPA recommended FAMA Fire Apparatus Safety Guide.

EQUIPMENT

WHEEL CHOCKS

One (1), pair of Zico AC-32 aluminum wheel chocks with QCH-32-H horizontal holders shall be supplied and mounted under the L1 compartment forward of the rear chassis tires.



PROPOSAL FOR THE
NEOSHO FIRE DEPARTMENT

**Chief Aaron Houk
125 N. College Street
Neosho, MO 64850**

FOR A
FREIGHTLINER 2-DOOR
ALUMINUM RESCUE

HGACBUY CONTRACT REFERENCE #FS19-WD02



PROPOSAL FOR THE NEOSHO FIRE DEPARTMENT

INTENT OF PROPOSAL

It is the intent of this proposal to cover the furnishing and delivery to the purchaser of a complete apparatus equipped as hereinafter proposed. With a view to obtaining the best results and the most acceptable apparatus for service in the fire departments, this proposal covers only general requirements as to the type of construction and tests to which the apparatus must conform, together with certain details as to finish, equipment, and appliances with which the successful bidder must conform. Minor details of construction and materials where not otherwise specified are left to the discretion of the contractor, who shall be solely responsible for the design and construction of all features. The apparatus shall conform to the requirements of the current (at the time of bid) National Fire Protection Association **Pamphlet 1901 for Motorized Fire Apparatus Pumper** unless otherwise specified in the proposal.

GENERAL CONSTRUCTION

The apparatus shall be designed and the equipment mounted with due consideration to distribution of load between the front and rear axles so that all specified equipment, including filled water tank, a full complement of personnel and fire hose shall be carried without injury to the apparatus. Weight balance and distribution shall be in accordance with the recommendations of the International Association of Fire Chiefs and National Fire Association (or American Insurance Association).

DELIVERY REQUIREMENTS

The apparatus shall be completely equipped as per this proposal upon arrival and on completion of the required tests shall be ready for immediate service in the fire department of the purchaser. Any and all alterations required at the scene of delivery to comply with the specifications shall be done at the contractor's expense.

To insure proper break in of all components while still under warranty, apparatus is to be delivered under its own power, rail or truck freight is not accepted.

A qualified delivery engineer representing the contractor shall deliver the apparatus and remain in the Fire District a sufficient length of time to instruct the fire department personnel in the proper use, operation, care and maintenance of the equipment involved.

The following items, in quantity shown, shall be included in the bid price submitted for the fire apparatus and shall be furnished to the fire department upon delivery:

- a. Operator's Manual (2)
- b. Equipment Maintenance Manual (2)
- d. Complete "As Wired" electrical diagram for apparatus (2)



QUALITY AND WORKMANSHIP

The design of this apparatus embodies the latest approved automotive engineering practices.

The workmanship is of the highest quality in its respective field. Special consideration has been given to the following points: Accessibility of the various units that require periodic maintenance operations; ease of operations (including both pumping and driving); and symmetrical proportions. Construction is rugged and ample safety factors are provided to carry loads as specified and to meet both on and off road "Performance Tests and Requirements".

MANUFACTURER'S DISCRETION

Materials, parts, or procedures used are subject to change at manufacturer's discretion at any time to provide equal or better products.

WARRANTIES AND GUARANTEES

Precision Fire Apparatus shall warrant the apparatus to be free from mechanical defects in workmanship for a period of one year. The entire year shall be covered for parts and labor costs associated with repairs. When possible the warranty work shall be done where the apparatus is housed. The following warranties shall apply:

- Bumper-to-Bumper: 1 Year
- Engine: 5 years, 100,000 miles
- Transmission: 5 years
- Stainless Steel Piping: 10 years
- Pump: 5 years
- Water Tank: Lifetime
- Extruded Aluminum Apparatus Body: Structural 20 years
- Paint: 7 years

USA MANUFACTURER

The entire apparatus shall be assembled within the borders of the Continental United states to insure more readily available parts (without added costs and delays caused by tariffs and customs) and service, as well as protection the purchaser should legal action ever be required.

INSPECTION TRIPS

As Precision Fire Apparatus is located so close to your community it shall afford you the opportunity to participate in all facets of the construction process. We have not included any cost for trips but welcome as many visits as you feel are required.

INSURANCE

A Certificate of Insurance shall has been provided with the bid with the following minimum amounts:

General Liability:	1,000,000.00
General Aggregate:	2,000,000.00
Products/Completed Operations:	2,000,000.00
Personal Injury:	1,000,000.00
Excess Liability:	5,000,000.00

INSURANCE LIABILITIES

The contractor shall assume insurance and responsibility for the chassis while at the factory and shall assume all responsibilities for the apparatus until the apparatus is delivered and accepted by the Fire Chief or his/her designees.

PATENTS

The apparatus manufacturer shall pay all royalties and license fees and shall hold and save the fire department, its officers, agents, servants, and employees harmless from liability of any nature and kind, including costs, and expenses for or on account of any patented or non-patented invention, process, article, or appliance manufactured or used on the performance of the contract including its use by the fire department. In this respect, the successful bidder shall defend all suits or claims for infringement of any patent or license right.

ASSIGNMENTS

Precision Fire Apparatus shall not assign, transfer, convey, or otherwise dispose of the contract or his right to execute it or his right, title, or interest to it or any part thereof, or assign any of the money's due or become due under the contract, without the prior written consent of the fire department.

COOPERATIVE PURCHASING

Precision Fire Apparatus is pleased to allow other public agencies to use the purchase agreement resulting from this invitation to bid. The condition of such use by other agencies will be that any such agency must make and pursue contact, purchase order/contract, and all contractual remedies with Precision Fire Apparatus. Such tag-on's will be done so that the original purchasing agency has no responsibility for performance by either Precision Fire Apparatus or the agency using the contract.



CHASSIS PROPOSAL- COMMERCIAL

PRL-28M M2 PRL-28M (EFF:MY25 ORDERS)

Data Version

DRL-014 SPECPRO21 DATA RELEASE VER 014

Bright Work Packages

024-001 BRIGHT WORK PACKAGE 1 - CHROMED: AIR INTAKE, GRILLE, HEADLIGHT BEZEL AND 14 INCH ROUND POLISHED AIR HORN

Vehicle Configuration

001-172 M2 106 PLUS CONVENTIONAL CHASSIS
 004-225 2025 MODEL YEAR SPECIFIED
 002-004 SET BACK AXLE - TRUCK
 019-004 STRAIGHT TRUCK PROVISION, NON-TOWING
 003-001 LH PRIMARY STEERING LOCATION

General Service

AA1-002 TRUCK CONFIGURATION
 AA6-002 DOMICILED, USA (EXCLUDING CALIFORNIA AND CARB OPT-IN STATES)
 99D-010 NO 2008 CARB EMISSION CERTIFICATION
 AF2-998 NO STATE/PROVINCE INITIAL REGISTRATION SELECTED
 A85-020 FIRE SERVICE
 A84-1EV EMERGENCY VEHICLES BUSINESS SEGMENT
 AA4-003 DRY BULK COMMODITY
 AA5-002 TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS
 AB1-008 MAXIMUM 8% EXPECTED GRADE
 AB5-001 SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE
 995-091 MEDIUM TRUCK WARRANTY
 A66-99D EXPECTED FRONT AXLE(S) LOAD : 12000.0 lbs
 A68-99D EXPECTED REAR DRIVE AXLE(S) LOAD : 23000.0 lbs
 A63-99D EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 35000.0 lbs

Truck Service

N AA3-001 DRY VAN BODY
 AF3-1EK G&H MANUFACTURING LTD
 AF7-99D EXPECTED BODY/PAYLOAD CG HEIGHT ABOVE FRAME "XX" INCHES : 32.0 in

Engine

101-3BY CUM L9 330EV HP @ 2200 RPM, 2200 GOV RPM, 1000 LB-FT @ 1200 RPM, R/F/E

Electronic Parameters

79A-075 75 MPH ROAD SPEED LIMIT
 79B-000 CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT



80J-002 REGEN INHIBIT SPEED THRESHOLD - 5 MPH

Engine Equipment

99C-021	2010 EPA/CARB/GHG21 CONFIGURATION
13E-001	STANDARD OIL PAN
105-001	ENGINE MOUNTED OIL CHECK AND FILL
014-099	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER
124-113	LN 12V 325 AMP BLP4002H BRUSHLESS PAD ALTERNATOR WITH REMOTE SENSE AND LAMP TERMINAL
292-235	(2) DTNA GENUINE, FLOODED STARTING, MIN 2000CCA, 370RC, THREADED STUD BATTERIES
290-017	BATTERY BOX FRAME MOUNTED
281-001	STANDARD BATTERY JUMPERS
282-001	SINGLE BATTERY BOX FRAME MOUNTED LH SIDE UNDER CAB
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN
289-001	NON-POLISHED BATTERY BOX COVER
293-058	POSITIVE LOAD DISCONNECT WITH CAB MOUNTED CONTROL SWITCH MOUNTED OUTBOARD DRIVER SEAT
306-015	PROGRESSIVE LOW VOLTAGE DISCONNECT AT 12.3 VOLTS FOR DESIGNATED CIRCUITS
107-032	CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE
108-002	STANDARD MECHANICAL AIR COMPRESSOR GOVERNOR
131-013	AIR COMPRESSOR DISCHARGE LINE
152-039	GVG, FIRE AND EMERGENCY SERVICE VEHICLES ENGINE WARNING
128-076	CUMMINS ENGINE INTEGRAL BRAKE WITH VARIABLE GEOMETRY TURBO ON/OFF
016-1DC	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH HORIZONTAL TAILPIPE EXITING FORWARD OF REAR TIRES
28F-014	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND VIRTUAL REGENERATION REQUEST SWITCH IN CLUSTER
239-001	STANDARD EXHAUST SYSTEM LENGTH
237-022	RH HORIZONTAL TAILPIPE, EXIT FORWARD OF REAR TIRES
23U-001	6 GALLON DIESEL EXHAUST FLUID TANK
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION
23Y-001	STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING
43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP
273-058	AIR POWERED ON/OFF ENGINE FAN CLUTCH
276-001	AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED
110-003	CUMMINS SPIN ON FUEL FILTER



118-008	COMBINATION FULL FLOW/BYPASS OIL FILTER
266-101	900 SQUARE INCH ALUMINUM RADIATOR
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES
270-016	RADIATOR DRAIN VALVE
168-002	LOWER RADIATOR GUARD
134-001	ALUMINUM FLYWHEEL HOUSING
132-004	ELECTRIC GRID AIR INTAKE WARMER
155-058	DELCO 12V 38MT HD STARTER WITH INTEGRATED MAGNETIC SWITCH

Transmission

342-1KD	ALLISON 3000 EVS AUTOMATIC TRANSMISSION WITH PTO PROVISION
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Transmission Equipment

343-331	ALLISON VOCATIONAL PACKAGE 198 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODEL EVS
84B-003	ALLISON VOCATIONAL RATING FOR FIRE TRUCK/EMERGENCY VEHICLE APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES
84C-023	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY
84D-023	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY
84E-000	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE
84F-000	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE
84G-000	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE
84H-000	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE
84J-000	ENGINE BRAKE RANGE PRESELECT RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE
84K-000	ENGINE BRAKE RANGE ALTERNATE PRESELECT RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE
84N-011	NEUTRAL AT STOP ENABLED
84U-000	DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES
353-075	QUICKFIT BODY LIGHTING CONNECTOR AT END OF FRAME, WITH CAP
34C-011	ELECTRONIC TRANSMISSION WIRING TO CUSTOMER INTERFACE CONNECTOR



341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN
345-003	PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED
97G-004	TRANSMISSION PROGNOSTICS - ENABLED 2013
370-015	WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK
346-003	TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)

Front Axle and Equipment

400-1A6	DETROIT DA-F-12.0-3 12,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE
402-075	BENDIX ADB22X AIR DISC FRONT BRAKES
403-002	NON-ASBESTOS FRONT BRAKE LINING
419-004	FRONT DISC BRAKE ROTORS
409-006	FRONT OIL SEALS
408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES
405-030	FRONT AIR DISC BRAKE INTERNAL ADJUSTERS
536-050	TRW THP-60 POWER STEERING
539-003	POWER STEERING PUMP
534-015	2 QUART SEE THROUGH POWER STEERING RESERVOIR
40T-001	MINERAL SAE 80/90 FRONT AXLE LUBE

Front Suspension

620-1F0	12,000# DUAL TAPERLEAF FRONT SUSPENSION
619-005	MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION
410-001	FRONT SHOCK ABSORBERS

Rear Axle and Equipment

420-1GK	DETROIT DA-RS-23.0-4 23,000# R-SERIES SINGLE REAR AXLE
421-522	5.22 REAR AXLE RATIO
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING
386-093	RPL10 MERITOR SERVICE-FREE MAIN DRIVELINE WITH HALF ROUND (16T) YOKES
423-075	BENDIX ADB22X AIR DISC REAR BRAKES
433-025	FIRE AND EMERGENCY SEVERE SERVICE NON- ASBESTOS REAR BRAKE LINING
434-012	BRAKE CAMS AND CHAMBERS ON REAR SIDE OF DRIVE AXLE(S)
451-005	REAR DISC BRAKE ROTORS
440-006	REAR OIL SEALS
426-1AH	AIR DISC LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS
428-030	REAR AIR DISC BRAKE INTERNAL ADJUSTERS
41T-002	CURRENT AVAILABLE SYNTHETIC 75W-90 REAR AXLE LUBE



Rear Suspension

622-1MJ	23,000# 52 INCH VARIABLE RATE MULTI-LEAF SPRING REAR SUSPENSION WITH LEAF SPRING HELPER
621-004	SPRING SUSPENSION - 1.50" AXLE SPACER
431-007	STANDARD U-BOLT PAD WITH U-BOLTS EXTENDED 1.00" LONGER THAN STANDARD

Pusher / Tag Equipment

429-998	NO PUSHER/TAG BRAKE DUST SHIELDS
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Brake System

018-002	AIR BRAKE PACKAGE
490-121	WABCO 4S/4M ABS WITH TRACTION CONTROL
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES
904-001	FIBER BRAID PARKING BRAKE HOSE
412-001	STANDARD BRAKE SYSTEM VALVES
46D-002	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM
413-002	STD U.S. FRONT BRAKE VALVE
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE
480-088	WABCO SYSTEM SAVER HP WITH INTEGRAL AIR GOVERNOR AND HEATER
479-015	AIR DRYER FRAME MOUNTED
460-001	STEEL AIR BRAKE RESERVOIRS
477-001	PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS

Trailer Connections

481-998	NO TRAILER AIR HOSE
476-998	NO AIR HOSE HANGER
310-998	NO TRAILER ELECTRICAL CABLE

Wheelbase & Frame

545-520	5200MM (205 INCH) WHEELBASE
546-100	11/32X3-1/2X10-3/16 INCH STEEL FRAME (8.73MMX258.8MM/0.344X10.19 INCH) 120KSI
552-157	1150MM (45 INCH) REAR FRAME OVERHANG
55W-004	FRAME OVERHANG RANGE: 41 INCH TO 50 INCH
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 139.17 in
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 136.17 in
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 289.0 in
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 103.81 in
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 105.71 in
553-001	SQUARE END OF FRAME
550-001	FRONT CLOSING CROSSMEMBER
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER
561-001	STANDARD CROSSMEMBER BACK OF TRANSMISSION



562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)
572-001	STANDARD REARMOST CROSSMEMBER
565-001	STANDARD SUSPENSION CROSSMEMBER

Chassis Equipment

556-1AR	THREE-PIECE 14 INCH CHROMED STEEL BUMPER WITH COLLAPSIBLE ENDS
558-001	FRONT TOW HOOKS – FRAME MOUNTED
574-011	SINGLE LICENSE PLATE BUMPER MOUNTING ON LH SIDE
585-998	NO MUDFLAP BRACKETS
590-998	NO REAR MUDFLAPS
586-024	FENDER AND FRONT OF HOOD MOUNTED FRONT MUDFLAPS
551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS
44Z-002	EXTERIOR HARNESES WRAPPED IN ABRASION TAPE
489-031	FACTORY INSTALLED BENDIX NEXT GEN SMARTIRE TIRE PRESSURE MONITORING SYSTEM WITH WHEEL RIM MOUNTED NEXT GEN SENSORS AND INTEGRATED IN DASH

Fifth Wheel

578-998	NO FIFTH WHEEL
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Fuel Tanks

204-215	50 GALLON SHORT RECTANGULAR ALUMINUM FUEL TANK - LH
218-005	RECTANGULAR FUEL TANK(S)
215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS
212-007	FUEL TANK(S) FORWARD
664-001	PLAIN STEP FINISH
205-001	FUEL TANK CAP(S)
122-1H3	DETROIT FUEL/WATER SEPARATOR WITH WATER IN FUEL SENSOR
216-020	EQUIFLO INBOARD FUEL SYSTEM
202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE

Tires

093-1RK	MICHELIN X WORKS Z 11R22.5 16 PLY RADIAL FRONT TIRES
094-13T	MICHELIN X WORKS D 11R22.5 16 PLY RADIAL REAR TIRES

Hubs

418-060	CONMET PRESET PLUS PREMIUM IRON FRONT HUBS
450-060	CONMET PRESET PLUS PREMIUM IRON REAR HUBS

Wheels

N	502-766	ALCOA ULA18X 22.5X8.25 10-HUB PILOT 5.81 INSET ALUMINUM DISC FRONT WHEELS
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505-766	ALCOA ULA18X 22.5X8.25 10-HUB PILOT ALUMINUM DISC REAR WHEELS
50W-001	BENDIX SMARTIRE TIRE PRESSURE MONITORING SYSTEM WHEEL/RIM MOUNTED SENSORS, ALL AXLES
496-011	FRONT WHEEL MOUNTING NUTS
497-011	REAR WHEEL MOUNTING NUTS
498-051	CHROME WHEEL NUT COVERS, METAL AND V2B DUAL SEAL INFLATOR CAPS, FRONT AND REAR

Cab Exterior

829-071	106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
650-008	AIR CAB MOUNTING
678-001	LH AND RH GRAB HANDLES
646-023	HOOD MOUNTED CHROMED PLASTIC GRILLE
65X-003	CHROME HOOD MOUNTED AIR INTAKE GRILLE
644-004	FIBERGLASS HOOD
690-002	TUNNEL/FIREWALL LINER
* 727-1B0	DUAL 25 INCH ROUND STUTTER TONE HOOD MOUNTED AIR HORNS CUSTOMER REQUESTED
726-001	SINGLE ELECTRIC HORN
728-002	DUAL HORN SHIELDS
575-001	REAR LICENSE PLATE MOUNT END OF FRAME
312-038	INTEGRAL HEADLIGHT/MARKER ASSEMBLY WITH CHROME BEZEL
302-047	LED AERODYNAMIC MARKER LIGHTS
311-001	DAYTIME RUNNING LIGHTS
294-001	INTEGRAL STOP/TAIL/BACKUP LIGHTS
300-015	STANDARD FRONT TURN SIGNAL LAMPS
744-103	DUAL WEST COAST BRIGHT FINISH HEATED MIRRORS WITH LH AND RH REMOTE
797-001	DOOR MOUNTED MIRRORS
796-001	102 INCH EQUIPMENT WIDTH
743-204	LH AND RH 8 INCH BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS
729-001	STANDARD SIDE/REAR REFLECTORS
768-998	NO REAR WINDOW
661-003	TINTED DOOR GLASS LH AND RH WITH TINTED NON-OPERATING WING WINDOWS
654-011	RH AND LH ELECTRIC POWERED WINDOWS
663-013	1-PIECE SOLAR GREEN GLASS WINDSHIELD
659-019	2 GALLON WINDSHIELD WASHER RESERVOIR WITHOUT FLUID LEVEL INDICATOR, FRAME MOUNTED
705-012	CAB ROOF REINFORCEMENTS FOR ROOF
754-008	2 ½ INCH FENDER EXTENSIONS



Cab Interior

055-017	PROFESSIONAL TRIM PACKAGE
707-105	MIST AND CARBON CLOTH INTERIOR "PROFESSIONAL"
70K-016	CARBON WITH BASE BLACK ACCENT
706-013	MOLDED PLASTIC DOOR PANEL
708-013	MOLDED PLASTIC DOOR PANEL
772-006	BLACK MATS WITH SINGLE INSULATION
785-025	(1) 12V DASH MOUNTED POWER OUTLET
691-001	FORWARD ROOF MOUNTED CONSOLE
693-019	LH AND RH DOOR STORAGE POCKETS INTEGRATED INTO MOLDED DOOR PANELS
738-021	DIGITAL ALARM CLOCK IN DRIVER DISPLAY
742-007	(2) CUP HOLDERS LH AND RH DASH
680-029	M2/SD DASH
700-002	HEATER, DEFROSTER AND AIR CONDITIONER
701-001	STANDARD HVAC DUCTING
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH
170-015	STANDARD HEATER PLUMBING
130-041	VALEO HEAVY DUTY A/C REFRIGERANT COMPRESSOR
702-002	BINARY CONTROL, R-134A
739-033	STANDARD INSULATION
285-013	SOLID-STATE CIRCUIT PROTECTION AND FUSES
280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM
324-1B3	STANDARD LED CAB LIGHTING
787-004	REMOTE KEYLESS ENTRY AND 2 TRANSMITTERS
657-001	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME
78G-002	KEY QUANTITY OF 2
756-338	BASIC ISRINGHAUSEN HIGH BACK AIR SUSPENSION DRIVERS SEAT WITH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION
760-335	BASIC ISRI HIGH BACK NON SUSPENSION PASSENGER SEAT
711-004	LH AND RH INTEGRAL DOOR PANEL ARMRESTS
758-1AK	BLACK VINYL DRIVER SEAT COVER
761-1AK	BLACK VINYL PASSENGER SEAT COVER
763-105	NFPA 1901-2009 HIGH VISIBILITY ORANGE SEAT BELTS
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN
540-044	4-SPOKE 18 INCH (450MM) BLACK STEERING WHEEL WITH SWITCHES
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS

Instruments & Controls

106-002	ELECTRONIC ACCELERATOR CONTROL
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734-024	INTEGRATED UPPER & LOWER STORAGE PANELS
870-001	BLACK GAUGE BEZELS
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM
840-001	DUAL NEEDLE PRIMARY AND SECONDARY AIR PRESSURE GAUGE
198-025	INTAKE MOUNTED AIR RESTRICTION INDICATOR WITHOUT GRADUATIONS
149-015	ELECTRONIC CRUISE CONTROL WITH CONTROLS ON STEERING WHEEL SPOKES
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY
811-044	PREMIUM INSTRUMENT CLUSTER WITH 5.0 INCH TFT COLOR DISPLAY
81B-003	DIGITAL PANEL LAMP DIMMER SWITCH IN DRIVER DISPLAY
160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH
844-001	2 INCH ELECTRIC FUEL GAUGE
48H-003	QUICKFIT POWERTRAIN INTERFACE CONNECTOR UNDER CAB WITH CAPS
4C0-998	NO ADDITIONAL EXTRA SWITCH ACTUATORS
48C-003	QUICKFIT PROGRAMMABLE INTERFACE CONNECTOR(S) UNDER CAB WITH CAP
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE
864-001	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE
867-004	ELECTRONIC OUTSIDE TEMPERATURE SENSOR DISPLAY IN DRIVER MESSAGE CENTER
830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY
49B-006	ELECTRONIC STABILITY CONTROL, 4X2 W/SAFETY MIN BODY WEIGHT EXCEEDS 4,000LBS REQ
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE
35M-010	QUICKFIT PROGRAMMABLE INTERFACE MODULE
1U1-002	TOP OF DASH RAM MOUNT WITHOUT POWER OR GROUND, FOR CUSTOMER FURNISHED DEVICE
746-135	AM/FM/WB WORLD TUNER RADIO WITH SIRIUSXM, BLUETOOTH, IPOD INTERFACE, USB AND AUXILIARY INPUTS, J1939
747-001	DASH MOUNTED RADIO
750-002	(2) RADIO SPEAKERS IN CAB
753-001	AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF
78C-003	INTEROPERABLE SDAR ANTENNA



74D-006	STANDARD RADIO WIRING WITH STEERING WHEEL CONTROLS
810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER
817-001	STANDARD VEHICLE SPEED SENSOR
812-001	ELECTRONIC 3000 RPM TACHOMETER
813-1C8	DETROIT CONNECT PLATFORM HARDWARE
8D1-303	3 YEARS DAIMLER CONNECTIVITY BASE PACKAGE (FEATURES VARY BY MODEL) POWERED BY DETROIT CONNECT
8D3-103	3 YEARS DETROIT CONNECT SAFETY EVENT VIEWER PACKAGE FOR DETROIT ASSURANCE DETROIT CONNECT PLATFORM
6TS-008	(2) TMC RP1226 ACCESSORY CONNECTORS: (1) LOCATED BEHIND PASSENGER SIDE REMOVABLE DASH PANEL (1) CENTER OF OVERHEAD CONSOLE
162-002	IGNITION SWITCH CONTROLLED ENGINE STOP
264-033	STEERING WHEEL MOUNTED ELECTRIC HORN CONTROL
883-998	NO TRAILER HAND CONTROL BRAKE VALVE
836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY
660-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY
882-009	ONE VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR
299-020	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, HEADLAMP FLASH, WASH/WIPE/INTERMITTENT
298-046	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH 40 AMP (20 AMP PER SIDE) TRAILER LAMP CAPACITY
721-001	97 DB BACKUP ALARM

Design

065-902	TWO COLOR CUSTOM PAINT
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Color

980-6Y8	CAB COLOR A:Black FLNA 41878
981-38E	CAB COLOR B: Red FLNA 32538
986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT
969-998	NO CAB/BODY EXTERIOR DECALS
963-003	STANDARD E COAT/UNDERCOATING

CHASSIS TRIM

Commercial Chassis: The chassis steps shall be removed and replaced with full length aluminum treadplate steps.

SEATING CAPACITY

The seating capacity for this apparatus shall be (2) two. There shall be a permanent tag installed in the cab area displaying the total number of seated positions.

VERBIAGE TAG BEZEL ASSEMBLIES

Innovative Controls verbiage tag bezels shall be installed. The bezel assemblies will be used to identify apparatus components. These tags shall be designed and manufactured to withstand the specified apparatus service environment and shall be backed by a warranty equal to that of the exterior paint and finish. The verbiage tag bezel assemblies shall include a chrome-plated plastic panel-mount bezel with a durable easy-to-read polycarbonate insert featuring specified verbiage. The polycarbonate graphic insert shall be sub-surface screen printed to eliminate the possibility of wear. UV resistant inks shall be used to reduce fading. Both the polycarbonate insert label and bezel shall be backed with 3M permanent adhesive.

FLUID CAPACITY AND TYPE DISPLAY

The fluid, engine, pump and related data shall be stored in the information section of the Class One 111267 Es-Key display module. The data contained shall specify the amount and type of oil and other fluids used in the vehicle. The display shall also provide a visual indication specifying the exact reason for a door ajar indication.

CONSOLE

There shall be a console fabricated and installed between the front seats in the cab. It shall be constructed of (.125) smooth aluminum. The entire console shall be powder coated tuxedo black. The rear of the console shall have a storage slot for map books.

The front of the console shall be able to contain but not limited to emergency light switching, siren, map light, radios, pump controls (items not included unless specified elsewhere in this document). The transmission selector may need to be relocated to the console in a commercial cab chassis. The front portion shall also be hinged for access and serviceability.

HELMET STORAGE

To meet the intent of NFPA 14.1.8.4.1, the helmet for each occupant shall be stored in an exterior compartment.

REAR TOW EYES

There shall be (2) two tow eyes provided at the rear of the apparatus. They shall be made of 1/2" thick Steel and be attached to weldments which are then attached to the chassis frame. The eyes shall be 3" in diameter.

MUD FLAPS

There shall be black thick hard rubber mud flaps provided at each of the rear wheel openings.

BATTERY CONDITIONER

A Kussmaul Auto Charge 40 LPC battery conditioner shall be supplied. The battery conditioner shall provide a 40 amp output for the chassis batteries and a 15 amp output circuit for accessory loads. The battery conditioner shall be mounted in the cab behind the rear console.

BATTERY CONDITIONER DISPLAY

A Kussmaul battery conditioner display shall be supplied. The battery conditioner display shall be mounted in the driver's step.

ELECTRICAL INLET LOCATION

An electrical inlet shall be installed on the driver's step next to the display

ELECTRICAL INLET

A Kussmaul 20 amp super auto-eject electrical receptacle shall be supplied. It shall automatically eject the plug when the starter button is depressed. The electrical receptacle shall include a label with a chrome bezel located beneath labeled "20 AMP".

A single item or an addition of multiple items must not exceed the rating of the electric inlet that it's connected to.

ELECTRICAL INLET CONNECTION

The electrical inlet shall be connected to the battery conditioner.

ELECTRICAL INLET COLOR

The electrical inlet connection shall include a yellow cover.



AIR INLET

A 1/4" male air hose inlet shall be mounted in the driver's side step and shall be connected to the air reservoir tank. A 1/4" inline check valve shall be installed in the line. Air hose connection shall provide the capability of filling the air brake with air from an outside source.

AUTOMATIC TIRE CHAINS

A set of "On Spot" automatic tire chains shall be installed on the rear axle.

Chain Unit - There shall be one driver's side and one passenger's side chain unit. The chain unit shall be delivered fully assembled with the following components:

- a. An air cylinder containing one diaphragm, one return spring, one pushrod and a collapsible dust boot held in place with an Oetiker® style retainer to prevent foreign material from entering the air cylinder. The cylinder shall be assembled with a two-piece cylinder clamp. The air cylinder shall be cast aluminum and the lid shall be threaded to receive a 90-degree DOT approved air fitting. The cylinder and lid must be anodized for corrosion resistance. Each cylinder shall have 6 strengthening ribs. The cylinder wall thickness shall be a minimum of 6MM.
- b. An extension rod and ball joint assembly that is fastened to the cylinder pushrod by means of a left handed thread. The ball joint must have a provision for greasing.
- c. A swing arm that is connected to the ball joint assembly with a nylock lock nut on one side and is fastened to the cylinder bracket at the pivot point. The arm shall be supported by 2 greasable arm bushings. The arm shall be one-piece hardened alloy material that is formed in such a fashion that it allows the chain wheel to contact the vehicle tire at 3-1/2 to 4 inches off the ground.
- d. A chain wheel that is fastened to the arm with one 20 MM bolt that is hardened to Metric Grade 8.8 along with a hardened lock nut. The bolt shall also come with two chain wheel spacers for wheel height adjustment. The chain wheel shall be 7-3/4 inches in diameter and shall be constructed of a one-piece cast aluminum center hub that contains two maintenance-free sealed bearings. The circumference of the chain wheel shall be rubber coated so that it may ride on the inside of the vehicle tire without causing any damage to the tire. There shall be 6 lengths of chains approximately 13 inches long that shall be welded to a single steel ring at 60-degree intervals. The steel ring shall be bolted to the center hub with 6 Grade 8 cap screws and locknuts. Each length of chain shall contain up to 10 twisted, links that are square-cut to provide for maximum traction in forward and reverse. Each chain wheel shall be delivered with a chain wheel helmet to protect the chain wheel bearing and casting.



MOUNTING BRACKET ASSEMBLY - There shall be one driver's side and one passenger's side mounting bracket. The mounting bracket shall be constructed of ASTM-A-36 steel that is 5/8 inches in thickness and shall be one piece. The mounting bracket shall include 5 holes for mounting. Three of these holes shall be for attachment to the rear suspension and two of the holes shall provide for attachment of the chain unit. Two grade 8 hardened cap screws; lock nuts and flat washers shall be provided for the attachment of each chain unit. The bracket shall attach to three of the four U-bolt legs via certified Grade 8 coupling nuts, manufactured in accordance with SAE specifications, designed in such a way that they may be threaded onto the U-bolt legs on one side of the nut and allow the mounting bracket to be bolted to the opposite side of the nut. All hardware including the coupling nuts must be certified Grade 8 and have zinc yellow chromate coating for corrosion resistance.

Solenoid - A continuous duty solenoid must be provided that, when activated by the dashboard switch, opens and allows compressed air to flow to the chain units. Compressed air shall be delivered to the solenoid from the vehicle's air tank. The solenoid shall be mounted on the frame rail or cross member in close proximity of the chain units. This air/electric solenoid must be 12-volts and draw no more than 1 ampere of current. Electrical wire shall be in accordance with NFPA 1901 standards. The solenoid must have a muffler/filter to keep debris out of the solenoid and be sealed to the body of the solenoid via a rubber gasket.

Dashboard Switch - A 12-volt dashboard switch shall be provided so that the operator may engage the chains from the driver's seat. The switch must be lighted to indicate when the chains are engaged. The switch must come complete with a switch guard to avoid accidental engagement of the automatic chains. The switch guard must be properly labeled. A dashboard sticker with operating instructions must be provided.

System Connection Components - The system shall be delivered with all wire, fittings, and tubing necessary to complete the installation. Documentation must include mounting instructions, warranty card, and operating instructions via a dashboard sticker as well as a card or booklet that outlines operating and maintenance instructions for the Fleet Manager. A video tape with installation, maintenance and operating instructions must be included with the system. The system shall carry a one-year warranty covering any defects in material or workmanship.

FINALIZATION & DETAILING

Prior to delivery the vehicle, the interior and exterior be cleaned and detailed. The finalization process detailing shall include installation of NFPA required labels, checking fluid levels, sealing and caulking required areas of the cab and body, rust proofing, paint touch-up, etc.

BODY SUBSTRUCTURE – GALVANIZED STEEL

Due to a greater weld strength and endurance limits of steel and to maintain the compatibility of metals where the substructure meets the chassis frame rails there shall be a steel substructure of 2-1/2" Square Tube wall thickness (.187) that extends under the tank and out to the end of the compartments. This substructure shall have a 3" x 3" x 3/16" Angle welded to the top for the tank to rest in. There shall be 1/4" thick rubber liner between the steel and the chassis frame and also between the steel and the tank.

The body shall be attached to this substructure with 1/2" steel bolts. The extrusion shall be sleeved where the bolt passes through it. There shall be delrin bushings between the substructure and the aluminum extrusion to prevent electrolysis. The substructure shall be hot dip galvanized and shall be attached to the chassis using isolated rubber mounts.

BODY MOUNTING

There shall be heavy duty galvanized 1/2" thick structural steel angle brackets attached directly to the chassis frame rail at pre determined locations with 7/8" grade 8 bolts, locking nuts and flat washers. The body sub frame shall have 1/2" thick structural steel brackets installed with 7/8" grade 8 bolts, locking nuts and flat washers in coordinating locations with the chassis frame brackets.

There shall be flexible rubber isolation disks installed between the chassis frame and body subframe brackets. The isolation disks shall include an elastomeric ring and an elastomeric bushing bonded to a center metal spacer. The isolation disks shall be held in place with a 7/8" grade 8 bolt with locking nut and flat washer.

This allows proper flexion of the unit as a whole and shall reduce tension throughout the body assembly.

APPARATUS BODY-EXTRUDED ALUMINUM

The body shall be constructed entirely of 3003-H14 aluminum sheet metal, 6063 and 6061 extrusions. The interlocking framework constructed of aluminum tube extrusions shall be electrically seamed welded at each joint using aluminum alloy welding wire. The entire body shall be completely sanded and deburred to ensure a smooth finish.

The front of the body shall be covered with 0.100" treadplate.

The wheel wells shall have a 1/8" embossed treadplate skin with 1/8" smooth aluminum liners. The liners can be removable for access to the spring hangers.



COMPARTMENTS-ALUMINUM

They shall be constructed of aluminum. **The floors of all compartments shall be 3003H14 smooth aluminum (.187). All compartments shall have an aluminum-fabricated channel welded under each compartment for added strength for heavy items.** The wall and ceiling of each compartment shall be 3003H14 Smooth aluminum (.125). The compartment shall not be painted to provide a long lasting chip free finish. Each compartment shall be ventilated at the rear wall of the compartment. **NO WIRING OR SWITCHES SHALL BE EXPOSED IN THE COMPARTMENTS.**

The compartments shall be installed into a groove in the wall of the extrusion. They shall be welded from the backside of the compartment. There shall be no visible welds in the interior of the compartments.

In No Case shall the Aluminum Walkways be used to form the tops of any compartment.

COMPARTMENT SIZES

LEFT SIDE:

L1	48" W x 65" H x Transverse
L2	49" W x 65" H x Transverse
L3	56" W x 34" H x Transverse
L4	39" W x 65" H x 25" D

RIGHT SIDE:

R1	48" W x 65" H x Transverse
R2	49" W x 65" H x Transverse
R3	56" W x 34" H x Transverse
R4	39" W x 65" H x 25" D

REAR:

B-1	43" W x 65" H x 30" D
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TAILBOARD

There shall be a minimum of a 12" deep tailboard constructed out of 1/8" embossed treadplate.

OVERHEAD WALKWAY

The upper walkway will be finished with 0.100 tread plate on the vertical sidewalls and NFPA compliant 1/8" embossed tread plate on the walking surface. The entire area will be sealed and waterproof to the compartments below.

LED Silho lights shall illuminate the walkway.

WALKWAYS

All walkways shall be covered with 1/8" embossed aluminum treadplate (.125). Each walkway shall be supported to hold the weight of firefighters by using (.187) wall aluminum extrusions. The rear and side step covers shall be bolted on for ease of service and replacement and spaced 1/2" from the body to allow for water runoff. These steps and walkways shall be bolted on using stainless steel bolts.

COMPARTMENT ROLL UP DOORS

All exterior side body compartments shall be equipped with ROM roll-up shutter doors with a natural un-painted finish.

The rear compartment door shall be natural un-painted and shall have a tall bottom rail.

The roll up door(s) shall be fabricated from aluminum extrusions and be manufactured and assembled in the United States.

The door slats shall be double-wall extrusions with dimensions of 1.366" high x .315" thick. The exterior surface shall be flat and the interior surface concave to deflect loose equipment to prevent the door from jamming. Each slat shall have interlocking end shoes to prevent the slat from moving side to side resulting in binding of the door. Each slat shall be separated by a co-extruded PVC and rubber inner seal to prevent metal to metal contact and minimize dirt and moisture from entering the compartment. The inner seal shall not be visible from the exterior to maintain a clean appearance of door. The slats shall have interlocking joints with a folding locking flange to provide security and prevent penetration by sharp objects.

The track shall be a one (1) piece aluminum assembly that has an attaching flange and finishing flange incorporated into the design that facilitates installation and provides a finished look to the door without additional trim or caulking. A low profile side seal shall be utilized to maximize usable compartment space.

A drip rail designed to prevent water from dripping into the compartment shall be provided. The drip rail shall have a built in replaceable non-contacting seal to eliminate scratching of the surface of the door.

Bottom rail extrusion must have smooth back to prevent loose equipment from jamming the door and have "V" shaped double seal to prevent water and debris from entering the compartment. A two (2) inch wide finger pull shall be integrated into the bottom rail extrusion for easy one hand opening and closing. The door latch system shall be a full width one (1) piece lift bar that enables the user to operate with one hand.



A magnetic door ajar system shall be integrated in the lift bar handle and the lift bar handle retainer block to signal an open door.

The roll mechanism shall have a clip system that connects the curtain slats to the operator drum to allow for easy tension adjustment without tools. A four (4) inch diameter counterbalanced operator drum to shall be incorporated to assist in lifting the door.

All associated door wiring shall exit at the bottom of each door track.

ROM DOOR PULL DOWN STRAPS

Each roll-up door will include a ROM elastic door strap to assist in closing the doors.

FLOOR MATTING

There shall be Heavy Load “Turtle Tile” floor matting installed on the floor of all compartments. Additional “Turtle Tile” shall be installed on all adjustable shelving and roll out trays.

SCBA BOTTLE STORAGE

There shall be (4) Cast Products AD2001 SCBA storage tubes. They shall be one piece injection molded plastic, designed specifically for Wheel well storage and set into the rear wheel wells.

The cylinder shall be slanted 5 degrees so the bottle shall stay in the cylinder. There shall be a nylon strap to further aid in bottle retention.

A Cast Products aluminum door shall be provided for each cylinder.

UPPER COMPARTMENTS

There shall be two (2) upper storage compartments located on the left side of the upper body. They shall have a bright aluminum treadplate lid hinged on the outside with gas struts to keep the lids in the up position. These compartments shall be of double wall construction and extend 2" beyond the top of the walkway to assure a watertight compartment. These cavity modules shall be constructed on .125 smooth aluminum plate.

There shall be two (2) Tec-NiQ E-10 LED lights provided under the lip of each compartment. There shall be a magnetic reed switch provide in the lid that shall activate the compartment lights and the door ajar system when the parking brake is released.

Note: The latches shall not be more than 48” apart.

RUB RAILS

There shall be bolt on 7/8" x 3" clear anodized aluminum extrusion rub rails around the base of the body spaced 1/2" from the body with Delrin spacers. The rub rails shall be mounted to the body with 1/4-20 stainless steel counter sunk screws a minimum of 12" apart. The rub rail shall be a C-channel shape and feature 4 grooves in the extrusion. There shall be a polished aluminum fenderette attached to the fender liners.

REAR ACCESS LADDER

There will be an access ladder provided at the right rear of the truck. It will be a custom stainless steel folding ladder. The rungs will not interfere with the rear tail, warning or scene lights. The ladder shall be constructed to allow ease of access to the upper walkway.

REAR UPPER LANDING AREA

There shall be a rear upper landing area immediately above the ladder and behind the officer's side coffin compartment. It shall measure approximately 26" D x 17" H x 22" W

GRAB RAILS AND STEPS

There shall be 1-1/4" grab rails with slip resistance coverings and chrome stanchions in the following locations:

(1) Hand Rail at the rear of the body. Location to be determined at final inspection.

PAINT

The apparatus body shall be painted Sikkens (Black FLNA 41878/ Red FLNA 32538). The paint process shall meet or exceed current state regulations concerning paint operations. Pollution control shall include measures to protect the atmosphere, water, and soil. Contractor shall, upon demand, provide evidence that the manufacturing facility is in compliance with State EPA rules and regulations.

The aluminum body exterior shall have no mounted components prior to painting to assure full coverage of metal treatments and paint to the exterior surfaces of the body. Any vertically or horizontally hinged smooth-plate compartment doors shall be painted separately to assure proper paint coverage on body, door jambs and door edges.

Paint process shall feature Sikkens high solid LV products and be performed in the following steps:

- Surface Cleaning - all aluminum surfaces shall be cleaned with the M600 to provide superior corrosion resistance and excellent adhesion of the base coat.
- Sikkens 262 Epoxy - shall be applied to provide superior corrosion resistance and excellent adhesion of the base coat.

- Sikkens LV 650 Primer – shall be applied to guarantee excellent gloss hold-out, chip resistance and a uniform base color.
- Sikkens High Solid LV650 (Base coat) - a lead-free, chromate-free high solid acrylic urethane base coat shall be applied, providing excellent coverage and durability. A minimum of two (2) coats shall be applied.
- Sikkens Autoclear III (Clear coat) - high solid LV clear coat shall be applied as the final step in order to ensure full gloss and color retention and durability. A minimum of three (3) coats shall be applied.

Any location where aluminum is penetrated after painting, for the purpose of mounting steps, hand rails, doors, lights, or other specified components shall be treated at the point of penetration with a corrosion inhibiting pre-treatment (ECK Corrosion Control). The pre-treatment shall be applied to the aluminum sheet metal or aluminum extrusions in all locations where the aluminum has been penetrated. All hardware used in mounting steps, hand rails, doors, lights, or other specified components shall be individually treated with the corrosion inhibiting pre-treatment.

The apparatus cab color shall be black over red, the apparatus body shall be black over red.

STRIPING AND LETTERING

A custom striping and lettering package shall be provided that matches the departments existing apparatus. There could be an additional charge for any changes made from the departments existing striping and lettering configuration.

There shall be red/fluorescent yellow scotchlite chevron markings covering at least 50 percent of the rear-facing vertical surfaces, visible from the rear of the apparatus, excluding any pump panel areas not covered by a door, arranged in a chevron pattern sloping downward and away from the centerline of the vehicle at an angle of 45 degrees. Each stripe shall be a minimum of 6" in width.

UNDERCOATING

There shall be Rubberized undercoating applied to the underside of the cab and the body just prior to delivery.

LADDER STORAGE

There shall be a storage area located in the upper passenger rear area of the apparatus. It will be inset in the walkway and shall accommodate the following:

- A.) 24' 2 section extension ladder
- B.) 10' folding

The compartment shall be encased to provide protection of the ladders from the elements. This shall be accomplished by constructing a tray of 1/8" smooth aluminum plate with the

bottom lined with Delrin strips for ease of ladder removal. Each ladder shall be able to be removed separately. It shall have a bright 1/8" aluminum embossed treadplate door.

PIKE POLE STORAGE

There shall be a storage area located in the ceiling of compartments L1/R1 that shall accommodate the following:

- A.) (4) 6' Pike poles
- B.) (2) 3' Pike poles with D-Handles

COMBINATION LADDER STORAGE

The combination ladder shall be mounted in a compartment (TBD).

BACKBOARD & STOKES BASKET STORAGE

There shall be storage provided for two (2) horizontally installed customer supplied backboards in the upper section of compartments L2/R2. It shall be constructed of .125 aluminum sheet and be accessible from either side. There shall be a Velcro strap installed on both sides to keep the backboards in place.

There shall be storage provided for one (1) horizontally installed customer supplied stokes basket in the upper section of compartments L2/R2 alongside the backboard storage compartments. It shall be constructed of .125 aluminum sheet and be accessible from either side. There shall be a Velcro strap installed on both sides to keep the stokes basket in place.

ADJUSTABLE SHELF TRACK

An extruded aluminum track with a minimum wall thickness of (.187) shall be installed in four locations in a 24" deep compartment and two locations in a 14" deep compartment.

They shall be securely fastened to the wall of the compartment with stainless steel fasteners.

These tracks shall be installed in the following compartments – L1, L2, L4, B1, R1, R2.

ADJUSTABLE SHELVES

The shelves shall be constructed of (.187) smooth aluminum sheet. (No Exceptions). They shall be bent up two inches on the front and rear edges.

The shelf shall be attached to the adjustable brackets with a minimum of 1/4-20 bolts with spring nuts.



HEAVY DUTY DRAWER SLIDE TRAYS

The tray pans shall be constructed of (.187) smooth aluminum sheet. They shall be bent up two inches (3") on all four corners.

The apparatus shall be equipped with heavy duty drawer slide trays with a locking handle.

The tray shall have a capacity of 500 pounds and shall extend 100% of the compartment depth.

SLIDEMASTER ROLL OUT TRAYS

The tray pans shall be constructed of (.187) smooth aluminum sheet. They shall be bent up two inches (2") on all four corners.

The apparatus shall be equipped with SlideMaster Brand slide out trays. The slides shall be constructed of aluminum channels and shall slide with ball bearings.

There shall be a lifetime limited warranty on the slide unit. The lifetime limited warranty applies to original purchaser only and is not transferable. Innovative Industries Inc. shall, at it's option repair, replace, or authorize appropriate adjustments to the limits stated in this warranty.

The slide master tray shall have a capacity of 600 pounds and shall extend 100% of the compartment depth.

ROLL OUT TILT DOWN TRAY

The apparatus shall be equipped with SlideMaster Brand roll out tilt down trays. The slides shall be constructed of aluminum channels and shall slide with ball bearings. The tray pans shall be constructed of (.187) smooth aluminum sheet. They shall be bent up two inches (2") on all four corners.

There shall be a lifetime limited warranty on the tilt unit. The lifetime limited warranty applies to original purchaser only and is not transferable. Innovative Industries Inc. shall, at it's option repair, replace, or authorize appropriate adjustments to the limits stated in this warranty.

The slide master tray shall have a capacity of 250 pounds.



COMPARTMENT LAYOUT

L-1

½ depth heavy-duty drawer slide with adjustable spine board

L-2

½ depth heavy-duty drawer slide

L-3

Roll out tilt down tray

L-4

Two (2) adjustable shelves

R-1

½ depth heavy-duty drawer slide with adjustable spine board

R-2

½ depth heavy-duty drawer slide

R-3

Roll out tilt down tray

R-4

American Airworks Spacesaver 2 fill station

B-1

One (1) SlideMaster roll out tray

One (1) Roll out tilt down tray

CLASS ONE - DIGITAL DISPLAY

This display shall be mounted on the dash in view of the officer. This display shall provide time along shall multiple diagnostic displays, Compartment and Cab door status for EACH of the individual doors (Cab doors on custom chassis only). It shall have circuit and multiplex reporting, and load management functions. **The display shall be able to contain department-supplied information in text form.**

VMUX - MULTIPLEXED ELECTRICAL MANAGEMENT SYSTEM

General Overview Requirements

The apparatus shall be equipped with a fully multiplexed electrical system. The system shall be compatible with the chassis supplied multiplexed electrical system and fully interfaced using the same diagnostics.

It shall be a peer-to-peer network consisting of all solid state nodes. Each node shall have the ability to control its own inputs and outputs. All inputs and outputs shall be configured into a scaleable electrical harness utilizing Deutsche connectors. The nodes must be weatherproof and not require special mounting requirements away from wet environments.

The system, at a minimum, shall be capable of performing the following functions: load management sequencing, switch loads, receive digital and analog signals, perform and report diagnostics, continuously report vehicle status and the system shall be expandable.

"Real Time" data must be capable of being reported and displayed through dedicated operator interface modules.

The multiplex system shall be easily fielded re-programmable and re-configurable by either the factory or a factory authorized service center.

The system shall have the following minimum features:

- a. Total load management
- b. Load shedding capabilities (*shall begin load shedding when voltage drops below selected level after a 2-minute period per output.*)
- c. Load sequencing capabilities
- d. "On-board" diagnostics readout
- e. Error reporting
- f. Full color graphics data display
- g. Continuous system monitoring and reporting
- h. Emergency warning light flasher
- i. Door ajar warning system
- j. Real time clock

Message Capabilities

The multiplex system shall have the capability to display diagnostics messages such as short or open circuits. The system shall display load shedding levels and also display when a compartment door is not secure or other equipment is not properly stowed, such as light tower.

Real-time Diagnostics

The system shall provide instant message feedback based on an output failure (i.e: burned out bulb or electrical short). The error message shall remain displayed until such time as the "acknowledge" button is depressed. The output shall turn off whenever there is a short circuit or over current condition and shall not reactivate until the system power is reset.

PC Diagnostics

The system shall incorporate a feature that enables a service representative to troubleshoot, repair and replace nodes in the system, should they for any reason fail. It shall be run via a

PC interface and shall monitor all system information. All messages going across the communications bus must be seen on the screen, including analog information. Each node must be capable of being queried for its own voltage drop and capable of obtaining the status of all inputs and outputs from the diagnostics interface.

PC Programming

The system must be programmable at the factory in a language that can be downloaded to a remote service representative's PC or down loader tool with all OEM data, as programmed for this specific apparatus and allow field reprogramming changes as provided by the apparatus manufacturer.

System Troubleshooting Guide

A troubleshooting guide must be provided with each delivered apparatus, placed within the Owner's Manual. The guide shall outline, in simplistic language, how to perform system diagnostics and troubleshooting and how to reset default circuits.

SWITCHES CENTER CONSOLE

The center console shall include all necessary rocker switches in a single row across the top of the panel. Each rocker switch will have an appropriate legend engraved directly on the switch face and feature an indicator light. All switch legends shall have backlighting provided.

WIRING

All wiring shall be compliant with NFPA 1901, 2009 version. All wires shall be function coded every 3". The wire shall be stranded copper of a gauge rated to carry 125 percent of the maximum current for which the circuit is protected. All connections shall be made with uninsulated crimp type connectors. **All connections shall then be covered with sealing heat shrink tubing to seal out moisture and prevent corrosion. The use of nylon or plastic covered connectors, or insulation piercing connectors is strictly forbidden.**

All wiring shall be covered in a split loom with a minimum rating of 289 F (143 C). Wiring shall be thoroughly secured in place and protected against heat, liquid contaminants, and damage.

EMI/RFI PROTECTION

The electrical system proposed shall include means to control undesired electromagnetic and radio frequency emissions. State of the art electrical system design and components shall be used to insure radiated and conducted EMI (electromagnetic interference) and RFI (radio frequency interference) emissions are suppressed at their source.

The apparatus proposed shall have the ability to operate in the electromagnetic

environment typically found in fire ground operations. The contractor shall be able to demonstrate the EMI and RFI testing has been done and meets SAE J551 requirements.

EMI/RFI susceptibility shall be controlled by applying immune circuit designs, shielding, twisted pair wiring and filtering. The electrical system shall be designed to full compatibility with low-level control signals and high-powered two-way radio communications systems. Harness and cable routing shall be given careful attention to minimize the potential for conducting and radiated EMI/RFI susceptibility.

GROUNDING

All warning equipment grounds shall be run to the battery. All module grounds in the multiplex system shall be dedicated clean grounds directly to the battery.

TESTING AND DOCUMENTATION

The apparatus low voltage electrical system shall be tested and certified by the manufacturer. The following tests shall be performed: Reserve capacity test, alternator performance at idle test, and alternator performance at full load test and low voltage alarm test.

The low voltage electrical system shall be tested for a minimum of two hours of continuous duty.

There shall be an as built electrical diagram supplied as well as a harness diagram. Also there shall be documentation of the electrical performance tests and a written load analysis. The manufacturer shall keep extra copies of all testing documentation and electrical diagrams for future reference.

DOT LIGHTS

There shall be Whelen 600 series lights with polished aluminum bezels, (2) LED Stop, (2) Amber LED arrow turn signals, (2) LED white back up lamps provided. There shall be a back up alarm and be all necessary LED ICC lights and reflectors installed on the apparatus.

LICENSE PLATE LIGHT

There shall be a LED lighted license plate bracket provided at the rear of the apparatus.

COMPARTMENT AND WORK LIGHTING

There shall be R•O•M V4 LED compartment lights supplied, lights shall be located on both sides of each compartment door opening. Lights shall be designed and manufactured to be water proof meeting the IPX7 industry standard. Lights shall have a streamline optic lens and a fixed lumen output across 9-16vdc and produce a bright 112 Lumens per 12 inch section (nominal). LED lights shall draw no more than 0.22 amps at 12.8vdc per 12 inch

section of light strip. LED lights shall be mounted in an anodized aluminum track provided by R•O•M either as a stand alone unit or an integrated part of the roll up shutter door track. LED lights shall be of interlocking design and shall be able to be serviced/replaced without the removal of light assembly or shutter door. LED lights shall be able to be integrated with any door switch control wired either negative switching or positive switching.

In the event of voltage dropping below 12.5 volts the lights shall automatically go into pulse width modulation decreasing the amp draw of the lights by 40%

Magnetic switches located in the lift bar assembly of each roll up door shall turn on the compartment lights when opened. The same switch shall also control a red flashing light in the cab. Any equipment rack that is not in the stowed position shall also activate this light. This light shall be labeled: "Do Not Move Apparatus When Light Is On" The door ajar light shall only activate when the park brake is released.

Additionally all compartment and cab doors as well as all equipment racks and extending equipment shall have their status monitored by the digital display.

A heavy-duty magnetic switch shall be provided and flush mounted into the doorframe to activate the light when the compartment is opened. In a roll up door application the door ajar switch shall be provided by the roll up Door Company. The same switch shall also control a red flashing door ajar light that is in the cab. This light shall be marked "Do Not Move Apparatus When Light Is On". Additionally any equipment rack that is not in the stowed position shall be connected to this light. The door ajar light shall only operate when the park brake is released. An information center shall be provided in view of the officers to specifically tell the officer why the door ajar light is on.

The apparatus shall have sufficient Tec-NiQ LED lighting to properly illuminate the crew compartments, any operator's panel, the pump compartment, hose bed and the engine compartment. The engine compartment and pump compartment lights shall be switched with the pump panel lights. The pump panel lighting shall activate when the truck is placed into pump gear, or with a switch on the pump panel and a portion with the park brake application.

The apparatus shall be equipped with LED ground lighting in areas designed for personnel to climb onto or descend from the apparatus, under the cab and at mid and rear body locations. Lighting designed to provide illumination on areas under the driver and crew area exits, ground lights, and step lights shall be activated automatically when the parking brake is set and the tail lamps are "on". The work area immediately behind the apparatus shall have sufficient lighting as to illuminate a 10' by 10' square to the rear of the apparatus.

GROUND LIGHTS – COMMERCIAL CHASSIS

There shall be ten (10) Tecniq model E10 LED ground lights mounted to the underside of the vehicle. The ground lighting shall be activated when the parking brake is set, the vehicle is placed in reverse or when each respective turn signal is activated.



CAMERA REARVIEW WITH LCD DISPLAY

There shall be a rearview camera, complete with a LCD display monitor supplied. For viewing a monitor with color display and day and night brightness modes shall be installed in view of the driver.

The rear camera shall be installed in a manner to prevent damage from hose or equipment deployment.

WARNING EQUIPMENT STANDARDS

All optical warning equipment shall conform to the NFPA 1901, 2009 version standard. The optical warning system shall be divided into upper and lower warning levels. There shall be four warning zones as specified by NFPA. The optical warning system shall be capable of two separate signaling modes during emergency operations. One mode shall signal to drivers and pedestrians that the apparatus is responding to an emergency and is calling for right of way. The other mode shall signal that the apparatus is stopped and is blocking the right of way. The scene mode shall switch automatically when the park brake is applied. The optical warning system shall meet the electromagnetic interference suppression limits specified in SAE J551.

VISUAL WARNING ZONES

The apparatus shall be divided into warning zones as recommended by NFPA Pamphlet 1901. Zones A, B, C, and D shall represent the front, right side, rear, and left side of the apparatus respectively. Further, each zone shall be horizontally divided into an upper and lower zone.

The permissible colors or combination of colors in each zone with regards to signaling mode shall be as follows:

Calling for Right-of-Way

- Red - Any Zone
- Blue - Any Zone
- Yellow - Any Zone Except A
- White - Any Zone Except C

Blocking Right-of-Way

- Red - Any Zone
- Blue - Any Zone
- Yellow - Any Zone
- White - Not Permitted

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MODE SWITCHING

Switching shall be provided that senses the position of the parking brake. When the parking brake is not engaged the visual warning system shall be in the "Requesting Right of Way" mode. When the parking brake is engaged the visual warning system shall begin the "Blocking Right of Way" mode. Switching between the two visual warning system modes shall require no action by the operator other than setting the chassis parking brake.

WARNING EQUIPMENT-WHELEN LED

Zone A: Front, Upper

(1) Whelen Freedom NFPA 55" 12 head LED Light Bar provided and installed on the cab. The LED light colors shall be (6) red (2) white (4) blue and the lenses shall be clear.

Zone A: Front, Lower

(2) Whelen 600 series Super LED Lights, one (1) red and one (1) blue.

Zone B: Side, Upper

(2) Whelen 900 series Super LED lights, one (1) red and one (1) blue mounted on the front and rear upper corners of the body side above the left compartments.

Zone B: Side, Lower

(2) Whelen 600 series Super LED lights, one (1) red and one (1) blue.

Zone C: Rear, Upper

(2) Whelen 900 series Super LED lights, one (1) red and one (1) blue.

Zone C: Rear, Lower

(2) Whelen 600 series Super LED lights, one (1) red and one (1) blue.

Zone D: Side, Upper

(2) Whelen 900 series Super LED lights, one (1) red and one (1) blue mounted on the front and rear upper corners of the body side above the right compartments.

Zone D: Side, Lower

(2) Whelen 600 series Super LED lights, one (1) red and one (1) blue.

ELECTRONIC SIREN & SPEAKER

There shall be a Whelen 295HFS2 electronic siren provided and installed in the cab of the apparatus.

One (1) Cast Products speaker shall be provided and installed in the front bumper.

12 VOLT BODY SCENE LIGHTS - FIRETECH

There shall be four (4) Firetech model FT-GESM Guardian Elite LED scene lights provided, two (2) each side, forward and rear of the body which shall be surface mounted with chrome bezels.

They shall be wired through two (2) rocker switches in the cab marked "Right Scene" and "Left Scene".

There shall be two (2) Firetech model FT-GESM Guardian Elite LED scene lights provided on the rear of the body which shall be surface mounted with chrome bezels.

They shall be wired through one (1) rocker switch in the cab marked "Rear Scene".

The rear scene shall be wired to come on when the truck is placed into reverse gear.

BROW LIGHTS

The front of the cab shall include two (2) Whelen Pioneer model PFH2 contour roof mount scene lights with PBHM2C mounting brackets installed on the brow of the cab.

Each 150 watt lamp head shall incorporate a 12 volt DC Super-LED flood light installed in a die-cast aluminum housing. Each lamp head shall use a collimator/metalized redux flood reflector assembly with Proclera™ silicone optics and a clear non-optic polycarbonate lens. The lens/reflector assembly shall utilize a liquid injected molded silicone gasket to be resistant to water, moisture, dust, and other environmental conditions. The PFH2 shall be vibration resistant. The Pioneer PC boards shall be conformal coated for additional protection. Each combination flood light lamp head shall draw 13.0 amps in spotlight mode and generate 17,750 lumens total. Each lamp head shall measure 4.25 inches in height X 14.00 inches in width. The lamp heads and brackets shall be powder coated white.

INVERTER SYSTEM

An AIMS Model PWRINV30001212 0W inverter system shall be provided on the apparatus in the upper forward compartment on the driver's side. The system shall convert 12-volt DC to 110-volt AC. The inverter shall produce 3,000 peak watts and 110-volt AC power. The inverter will be powered by a Trombetta solenoid that will automatically power up when the truck is turned on.

POWER DISTRIBUTION CENTER

There shall be a 6-place Square D Main Power Distribution Panel. This panel shall have appropriately rated 110V Breakers installed and be fully recessed into the compartment side wall.



Grounding and Bonding shall be done in accordance with NEC Section 250-6, 310-15.

All wiring shall be copper conductor rated at least 115% of nameplate amperage. The wiring shall be installed according to NFPA 1901-2009 Section 19-9 through 19-10.5.

POWER STRIP

There shall be two (2) power strips installed in the following locations: L4 and B1

110V TRANSFER SWITCH

A 110 volt transfer switch shall be provided and installed.

The transfer switch shall be wired to the shoreline to allow for the operation of specified 110 volt onboard equipment.

AMERICAN AIRWORKS AIR SYSTEM

There shall be four (4) ISO 6000 psi cylinders mounted under the upper walkway. The custom air control panel and Spacesaver 2 fill station will be mounted in compartment R-4.

MOBILE RADIO INSTALLATION

The manufacturer will install one (1) department supplied mobile radio in the dash or console of the cab. Appropriately rated power and ground shall be provided however the fuse(s) will not be installed until the system can be evaluated by a certified radio installer. The antenna shall also be stubbed off and routed to the cab roof. No charge or whip will be installed and will not be connected to the mobile radio and will be done by the local certified radio installer.

NFPA EQUIPMENT CLARIFICATION:

Any equipment specified in the "Minor Equipment" section (e.g. hose, nozzles, adapters, AED, traffic cones, traffic safety vests, etc.) of NFPA 1901 for each apparatus classification (see below) which is not specified in this proposal shall be considered to be customer supplied.

Apparatus Type	NFPA Section
Pumper	5.8
Initial Attack	6.7
Mobile Water Supply	7.7
Aerial	8.8
Quint	9.8
Special Service	10.5
Mobile Foam	11.9



LOOSE EQUIPMENT

- 1- 24' Aluminum 2- Section Extension Ladder, Duo Safety
- 1- 10' Folding Ladder Aluminum, Duo Safety
- 1- 17' Combination Ladder
- 4 – 6' Fiberglass Pike Poles
- 2 – 3' Fiberglass Pike Pole with D-Handles
- 2- 2-SAC-44 Zico Folding Wheel Chocks, Mounted
- Customer Installed David Clark System: (Parts Only)
 - (1) 12V Master Station
 - (1) Radio Cord Junction Module
 - (1) Radio Interface Module/Headset Station
 - (1) Radio Interface/ Headset Station
 - (2) Jumper Cords – 12 ft.
 - (1) Power Cord – 20 ft.
 - (2) Radio Interface Module Cords – 20 ft.
 - (1) Radio Module to Motorola Cord – 20 ft.
 - (2) Headsets, 6' ext. Coil Cord, Mic On/Off

Neosho

Fire Department



Ferrara Medium Rescue Proposal

HGAC Contract FS19DL04

Fire Master Fire Equipment, Inc.

November 07, 2023

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Fire Master Fire Equipment, Inc.

*Sales & Service on New & Pre-Owned Fire Apparatus
Plus a Complete Line of Fire Fighting Equipment*



November 07, 2023

Neosho Fire Department
Fire Chief Aaron Houk
125 North College Street
Neosho, Missouri 64850

Chief Houk:

Thank you for allowing Fire Master Fire Equipment, Inc., representing Ferrara Fire Apparatus, Inc., to provide a proposal for a new Ferrara Medium Rescue Apparatus utilizing the HGAC FS19DL04 Contract.

Fire Master Fire Equipment, Inc. is a family owned business and has been serving the area since 1963. We have been representing Ferrara Fire Apparatus for more than ten (10) years and manufactured our own Fire Master Fire Apparatus for more than forty (40) years prior to becoming a dealer for Ferrara. Our team is dedicated to providing excellent customer service before, during, and after the sale. Our service department is managed by a Master EVT and our service staff are also EVT certified.

Ferrara Fire Apparatus, Inc. is dedicated to providing premium fire-rescue apparatus, unsurpassed quality along with top of the line workmanship resulting in 100% customer satisfaction backed by our 24-hour service. Our comprehensive line of heavy-duty apparatus offer a unique combination of safety and strength combined with versatile capabilities plus optimum durability.

As a dealer, our goal is to provide you with the apparatus that meets and exceeds your needs and expectations.

Please feel free to contact me if you have any questions regarding this proposal. My cell number is 417-793-4582 or I can be reached by email at chris@firemaster.com.

Thank you,

Christopher B. Thompson

Territory Manager

2049 E. Division - Springfield, MO 65803
(800) 641-4724 Toll Free – (417) 865-2174 Fax -Web Site: www.firemaster.com

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Fire Master Fire Equipment, Inc.

*Sales & Service on New & Pre-Owned Fire Apparatus
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PROPOSAL

November 16, 2023

**To: Neosho Fire Department
Fire Chief Aaron Houk
125 North College Street
Neosho, Missouri 64850**

We hereby propose and agree to furnish you, subject to your acceptance of this proposal and the proper signing and execution of the attached contract and addendum(s) by the parties thereto, the apparatus and appurtenances herein described and for the following prices listed below. In the event the purchaser uses its own purchase order or its own contract pages in lieu of signing the attached contract, it shall be understood by all parties that all terms and conditions of the attached contract and addendum(s) shall take precedence over any and all other documents.

- 1. One (1) 2024 Ferrara Heavy Duty Extruded Aluminum Medium Duty Rescue mounted on a Commercial Freightliner M2-106 Chassis under the HGAC FS19DL04 Contract as per the attached specifications.**

**For a total sum of Four Hundred Six Thousand, Seven Hundred Eight Dollars and 00/100
(\$406,708.00)**

All apparatus and appurtenances shall be manufactured in accordance with the attached specifications, with the same specifications becoming a part of the contract. Delivery shall be made within the time specified below after receipt and acceptance by Fire Master Fire Equipment, Inc. and Ferrara Fire Apparatus, Inc. of the properly signed and executed contract and addendum(s). The delivery time indicated is based on the best delivery knowledge available at this time. Delivery shall be contingent upon delays or failure to deliver from suppliers, delays caused by or resulting from labor problems, chassis shortages, strikes, fire, flood, accidents, any other acts of God, or any other circumstances which are beyond the control of this corporation.

TERMS OF PAYMENT: All apparatus shall be paid NET UPON DELIVERY AND ACCEPTANCE. In the event equipment shortages that were bid to be included with the apparatus occur, the PURCHASER is to pay full purchase price less a 5% retainage for such shortages. Any amount deducted is then payable upon receipt and acceptance of such shortages.

***NOTE – All prices or quotations are subject to change or withdrawal unless accepted with 30**



Fire Master Fire Equipment, Inc.

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Plus a Complete Line of Fire Fighting Equipment*



days from the date herein set forth.

***NOTE** – These chassis proposed are Subject to Prior Sale.

Respectfully submitted,

FIRE MASTER FIRE EQUIPMENT, INC.

By: Christopher B. Thompson
Territory Manager

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Neosho Fire Department

Ferrara Medium Rescue (HGAC FS19DL04)

INTENT OF PROPOSAL SPECIFICATIONS

It is the intent of these PROPOSAL specifications to cover the furnishing and delivery of a complete rescue apparatus equipped as hereinafter specified.

These proposal specifications exceed the minimum requirements of the Fire Department and are intended to provide details of construction and materials, and where not otherwise specified, are left to the discretion of Ferrara Fire Apparatus, Inc.

Ferrara Fire Apparatus, Inc. shall be solely responsible for the design and construction of all non-specified features. The apparatus shall conform to the current edition of the National Fire Protection Associations Pamphlet.

Ferrara Fire Apparatus, Inc. as an established manufacturer with a certainty of being capable of furnishing parts, service and technical assistance for the next TWENTY (20) Years.

Ferrara Fire Apparatus, Inc. is furnishing satisfactory evidence of its ability to construct the specified apparatus and certifies that the location of the factory where the apparatus is to be built is at 27855 James Chapel Road Holden, LA 70744.

Construction utilized shall be rugged and safety factors have been provided to carry loads as specified and to meet the road requirements and speed conditions as set forth under "Performance Tests and Requirements".

Welding shall not be employed in the assembly of the apparatus in a manner that shall prevent the removal of major component parts for service and/or repair. This includes the following but is not limited to compartment doors, hinges, fender liners, running boards, etcetera.

VEHICLE STABILITY

The height of the fully loaded vehicle center of gravity shall not exceed the chassis manufacturer maximum.



Neosho Fire Department

Ferrara Medium Rescue (HGAC FS19DL04)

The front to rear weight distribution of the fully loaded vehicle shall be within the limits set by the chassis manufacturer. The front axle loads shall not be less than the minimum axle loads specified by the chassis manufacturer, under full load and all other loading conditions.

The difference in weight on the end of each axle, from side to side, when the vehicle is fully loaded and equipped shall not exceed 7%.

PERFORMANCE TEST AND REQUIREMENTS

The apparatus will meet the performance requirements at elevations of 2000 feet (610m) above sea level.

The apparatus will meet the performance requirements while stationery on any grade of up to and including 6% in any direction.

From a standing start, the vehicle will attain a true speed of 35 mph (56 km/h), within 25 seconds on a level road.

The apparatus will obtain a minimum top speed of 50 mph (80 km/h) on a level road.

The apparatus will be able to maintain a speed of at least 20 mph (32 km/h), on any grade up to and including 6%.

The apparatus will be tested and approved by Underwriters Laboratories Incorporated in accordance with the standard practices for pumping engines.

ROAD TEST

Each manufacturer will conduct road test to verify that the complete apparatus is capable of compliance:

The test will be conducted on a dry, level, paved road that is in good condition. The engine will not operate in excess of the maximum no load governed speed.

The acceleration test will consist of two runs in opposite directions over the same route.



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Ferrara Medium Rescue (HGAC FS19DL04)

The vehicle will attain a true speed of 35 mph (56 km/h) from a standing start within 25 seconds.

The vehicle will attain a minimum top speed of not less than 50 mph (80 km/h).

If the apparatus is equipped with an auxiliary braking system, the apparatus manufacturers will road test the system to confirm that the system is functioning as intended by the auxiliary braking system manufacturer.

The service brakes will bring the fully laden apparatus to a complete stop from an initial speed of 20 mph (32 km/h) in a distance not exceeding 35 feet (10.7M) by actual measurement, on a substantially hard, level surface road that is free of loose material, oil, or grease.

FAILURE TO MEET TESTS

In the event the apparatus fails to meet the test requirements of these specifications on the first trials, second trials may be made at the option of the Ferrara Fire Apparatus, Inc. within thirty-(30) days of the date of the first trials.

Such trials shall be final and conclusive and failure to comply with changes, as the purchaser may consider necessary to conform to any clause of the specifications within thirty-(30) days after notice is given to Ferrara Fire Apparatus, Inc. of such changes shall also because of rejection of the apparatus.

Permission to keep or store the apparatus in any building owned or occupied by the purchaser or its use by the Fire Department during the above-specified period with the permission of the Ferrara Fire Apparatus, Inc. shall not constitute acceptance.

PRODUCT LIABILITY INSURANCE

Due to the high cost of replacement of said Rescue Apparatus and to protect the customer of his full rights, Ferrara Fire Apparatus, Inc. carries garage liability insurance equal to or in excess of \$1,000,000.00.



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Ferrara Medium Rescue (HGAC FS19DL04)

INFORMATION SUPPLIED AT TIME OF DELIVERY

Information required at time of delivery to be supplied by Ferrara Fire Apparatus, Inc. shall include:

- (1) The manufacturer's record of apparatus construction details, including the following information:
 - (a) Owner's name and address
 - (b) Apparatus manufacturer, model, and serial number
 - (c) Chassis make, model, and serial number
 - (d) GVWR of front and rear axles
 - (e) Front tire size and total rated capacity in pounds (kilograms)
 - (f) Rear tire size and total rated capacity in pounds (kilograms)
 - (g) Chassis weight distribution in pounds (kilograms) with water and manufacturer-mounted equipment (front and rear)
 - (h) Engine make, model, and serial number, rated horsepower, related speed and governed speed
 - (i) Type of fuel and fuel tank capacity
 - (j) Electrical system voltage and alternator output in amps
 - (k) Battery make, model, and capacity in cold cranking amps (CCA)
 - (l) Chassis transmission make, model, and serial number; and if so equipped, chassis transmission PTO(s) make, model, and gear ratio
 - (m) Pump make, model, rated capacity in gallons per minute (liters per minute where applicable), and serial number
 - (n) Pump transmission make, model, serial number, and gear ratio
 - (o) Auxiliary pump make, model, rated capacity in gallons per minute (liters per minute where applicable), and serial number
 - (p) Water tank certified capacity in gallons or liters
 - (q) Foam tank (if provided) certified capacity in gallons or liters
 - (r) Paint manufacturer and paint number(s)
 - (s) Company name and signature of responsible company representative
- (2) Certification of slip resistance of all stepping, standing, and walking surfaces



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Ferrara Medium Rescue (HGAC FS19DL04)

- (3) If the apparatus has a fire pump or an industrial supply pump, the pump manufacturer's certification of suction capability
- (4) If the apparatus has a fire pump or an industrial supply pump, a copy of the apparatus manufacturer's approval for stationary pumping applications
- (5) If the apparatus has a fire pump or an industrial supply pump, the engine manufacturer's certified brake horsepower curve for the engine furnished, showing the maximum governed speed
- (6) If the apparatus has a fire pump or an industrial supply pump, the pump manufacturer's certification of the hydrostatic test
- (7) If the apparatus has a fire pump or an industrial supply pump, the certification of inspection and test for the fire pump or the industrial supply pump
- (8) If the apparatus has a fixed line voltage power source, the certification of the test for the fixed power source
- (9) If the apparatus is equipped with an air system, test results of due air quality, the SCBA fill station, and the air system installation
- (10) Weight documents from a certified scale showing actual loading on the front axle, rear axle(s), and overall fire apparatus (with the water tank full but without personnel, equipment, and hose)
- (11) Written load analysis and results of the electrical system performance tests required in Chapter 13
- (12) When the apparatus is equipped with a water tank, the certification of water tank capacity

The Fire Apparatus Manufacture will also provide documentation of the following items for the entire apparatus and each major operating system or major component of the apparatus:

- (1) Manufacturer's name and address
- (2) Country of manufacture
- (3) Source for service and technical information
- (4) Parts replacement information
- (5) Descriptions, specifications, and ratings of the chassis, pump (if applicable), and aerial device
- (6) Wiring diagrams for low voltage and line voltage systems to include the following information:
 - (a) Pictorial representations of circuit logic for all electrical components and wiring



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- (b) Circuit identification
 - (c) Connector pin identification
 - (d) Zone location of electrical components
 - (e) Safety interlocks
 - (f) Alternator-battery power distribution circuits
 - (g) Input/output assignment sheets or equivalent circuit logic implemented in multiplexing systems
-
- (7) Lubrication charts
 - (8) Operating instructions for the chassis, any major components such as a pump or aerial device, and any auxiliary systems
 - (9) Precautions related to multiple configurations of aerial devices, if applicable
 - (10) Instructions regarding the frequency and procedure for recommended maintenance
 - (11) Overall apparatus operating instructions
 - (12) Safety considerations
 - (13) Limitations of use
 - (14) Inspection procedures
 - (15) Recommended service procedures
 - (16) Troubleshooting guide
 - (17) Apparatus body, chassis, and other component manufacturer's warranties
 - (18) Special data required by this standard
 - (19) Copies of required manufacturer test data or reports, manufacturer certifications, and independent third-party certifications of test results
 - (20) A material safety data sheet (MSDS) for any fluid that is specified for use on the apparatus
 - (21) One-(1) copy of the latest edition of FAMA's Fire Apparatus Safety Guide

The Fire Apparatus Manufacture shall deliver with the apparatus all manufacturers' operations and service documents supplied with components and equipment that are installed or supplied.

LIABILITY

Ferrara Fire Apparatus, Inc. if deemed the successful bidder shall defend any and all suits assume all liability for the use of any patented process, advice or article forming a part of the apparatus or any appliance furnished under contract.



Neosho Fire Department

Ferrara Medium Rescue (HGAC FS19DL04)

APPARATUS PURCHASE

The specified apparatus will be purchased off the HGAC contract.

VIRTUAL MANUFACTURING

The manufacturer will have a web site available for the customers to watch their unit being produced.

The "Trucks in Production" photos shall be updated as progress has been made to the unit.

Customer shall be able to access the web site without the requirement of a password.

PRINCIPAL DIMENSIONS

The apparatus shall have the following dimensions:

Overall Length: NOT TO EXCEED

Overall Height: NOT TO EXCEED

Wheelbase: NOT TO EXCEED

Cab to Axle: NOT TO EXCEED

CERTIFIED WELDERS

The manufacturer shall employ individuals that are certified aluminum and stainless steel welders. The welders shall be certified by an outside testing laboratory. The certifications shall be available for viewing through the Human Resources office upon request.

DRAWING, PROPOSAL

There shall be a proposal drawing submitted to the Fire Department. This drawing shall be a visual interpretation of the apparatus proposed.



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DRAWING, APPROVAL

Prior to construction, the contractor shall provide three-(3) approval drawings of the apparatus for the fire department's review. The drawings shall show such items as the chassis being utilized, lights, horns, sirens, pump panels, and all compartment locations and dimensions. The blueprint shall be a visual interpretation of the unit as it is to be constructed, In the event of discrepancies on the print the specifications shall prevail. The buying authority shall sign all drawings. One-(1) print shall be retained by the Fire Department, the dealer/sales representative shall retain one-(1) print, and one-(1) print shall be returned to the manufacturer.

INSPECTION TRIP, IN-PROCESS

There will be an in-process inspection for Three (3) representatives of the buying authority at the facility where the apparatus is being constructed. The customer shall specify when the inspection will occur. Factory and Sales representatives will be available at the time of inspection.

Transportation, lodging and meals will be the responsibility of the manufacturer.

INSPECTION TRIP, FINAL

There will be a final inspection for Three (3) representatives of the buying authority at the facility where the apparatus is being constructed. The inspection trip will be completed when the apparatus is complete. Factory and Sales representatives will be available at the time of inspection.

The final inspection will include as a minimum:

- Full access to the build file and factory personnel to provide answers for any issues found.
- Unit will be placed on a lift that will allow full inspection of the undercarriage.
- Road test shall be accommodated.
- Unit will be taken to pump test area where the pump and plumbing can be inspected while flowing water.
- General apparatus orientation and operation shall be provided at the pump test pit.



Neosho Fire Department

Ferrara Medium Rescue (HGAC FS19DL04)

Transportation, lodging and meals will be the responsibility of the manufacturer.

VEHICLE DELIVERY/TRANSPORTATION

To ensure proper break-in of all components while still under warranty, the apparatus shall be delivered over the road under its own power (Rail and/or truck freight shall not be acceptable).

DELIVERY TIME

The rescue apparatus will have the following delivery schedule after receipt of the order.

Commercial Rescue: 780 Days

Custom Rescue: 810 Days

The manufacturer will not be held liable for changes arising from its failure to make or delay in making delivery because of fire, flood, strike, riot, supply chain, work force shortages, accidents, acts of God or any circumstances beyond our control.

VEHICLE FAMILIARIZATION & DEMONSTRATION

Familiarization and demonstration of the vehicle shall be by a competent and qualified person as defined in the current standard of NFPA 1901 standard.

Familiarization of the vehicle shall include the following:

How to locate gauges or indicators and check all fluid levels and operational issues of the vehicle

How to tilt the chassis cab or hood assembly for access to the engine, fire pump, or aerial control, or any other device to allow access to fluids or for required maintenance.

Interior cab controls, instruments, mirrors, safety devices or alarms, brake operations, transmission control, pump controls, exhaust regeneration (if provided), seat adjustments, warning light engagement, and other operational equipment.



Neosho Fire Department

Ferrara Medium Rescue (HGAC FS19DL04)

If the apparatus is provided with a fire pump system, the following minimum instructions:

- a) Setting of parking brake, proper transmission gear, and fire pump engagement operations
- b) Throttle control
- c) Primer and tank-to-pump operation
- d) Use of pressure control devices
- e) Tank refilling operations
- f) Proper operation of discharge controls
- g) Proper shutdown and draining of system

If the apparatus is provided with a generator, the following minimum instructions

- a) Proper engagement if driven by the chassis
- b) Startup, operation, and shutdown of generator
- c) Monitoring of controls and instruments

If the apparatus is provided with a foam system, the following minimum instructions:

- a) Startup, operation, and shutdown of foam system
- b) Setting of foam percentages and other operational settings
- c) Proper flushing and draining of the system

If the apparatus is provided with a water tower or aerial device, the following minimum instructions:

- a) Positioning and locating the vehicle for safe operations
- b) Chassis parking brakes and engagement of hydraulic system
- c) Deployment of stabilization devices and use of ground pads
- d) Operation of elevation, extension, and rotation of the aerial device
- e) Operation of waterway, nozzle, and other firefighting devices of aerial device
- f) Operation and use of breathing air system (if provided)
- g) Specific aerial device maintenance and service areas for operators
- h) Shutdown and return to service operations
- i) Operation of tip controls and platform controls
- j) General familiarization and demonstration of aerial device
- k) Review of all safety devices, interlocks, and operational Hazards



Neosho Fire Department

Ferrara Medium Rescue (HGAC FS19DL04)

SERVICE CENTER

Company Name: **Fire Master Fire Equipment, Inc.**

Address: **2049 E. Division**

City & State: **Springfield, MO**

Contact: **Brent Mayberry, Service Manager**

Phone: **800-641-4724**

Cell: **417-849-7907**

Email: **brent@firemaster.com**

CHASSIS

Chassis specification is provided in a later section.

TILT TABLE TESTING

In compliance with the latest addition of NFPA 1901, Section 4.13.1.1 and SAE J2180, this vehicle exceeds the following "Tilt Table" procedures measuring the Static Rollover Threshold for Heavy Trucks set forth by the current standards. All equipment required for meeting current testing guidelines shall be located at the manufacture's facility and actual testing performed and certified by an independent third party testing company.

The vehicle shall be tilted at a minimum of 27 degrees evaluating the level of lateral acceleration required to roll the vehicle over in a steady turning situation. Transient, vibratory, or dynamic rollover situations are not simulated by this test. The test accuracies are accepted for vehicles that rollover at lateral acceleration levels below 0.5 g corresponding to a tilt table angle of less than approximately 27 degrees.

In addition to receiving a certificate of compliance, the purchaser also requires a wheel-end loading certification listing the weight on each wheel, with the vehicle on the tilt table. In accordance with NFPA 1901, 4.14.13.3, the results of the wheel-end loading shall certify the vehicle, at the time of its manufacture, is in compliance, with side-to-side weight distributions.
== Chassis Modifications - Commercial Rescue, 2-Door MD Rescue - 623.000 06/01/



Neosho Fire Department

Ferrara Medium Rescue (HGAC FS19DL04)

GRAVELSHIELD

A gravelshield constructed of 1/8" non-skid aluminum tread plate will be installed between the bumper and the front face of the cab affixed using stainless steel bolts.

AIR HORN, DRIVER'S SIDE

There shall be one-(1) 24" Hadley E-Tone air horn installed in compliance with NFPA on the front fender driver's side. The air horn will be plumbed to the chassis air supply system through an air protection valve. The air horn shall be trumpet style with a chrome finish on the exterior and a painted finish deep inside the trumpet.

AIR HORN, PASSENGER'S SIDE

There shall be one-(1) 24" Hadley E-Tone air horn installed in compliance with NFPA on the front fender passenger's side. The air horn will be plumbed to the chassis air supply system through an air protection valve. The air horn shall be trumpet style with a chrome finish on the exterior and a painted finish deep inside the trumpet.

AIR HORN FOOT SWITCH

A foot operated switch shall be installed on the driver's side wired to the air horn(s).

AIR HORN WIRING

The air horns shall be active in both the "Scene" and "Response Mode".

SIREN SPEAKER

The driver's side speaker shall be a Cast Products rated at 100-watts wired to the electronic siren.



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TIRE PRESSURE MONITORING SYSTEM

Each tire installed on the apparatus shall be equipped with a tire pressure monitoring device. The device shall consist of a valve stem cap with an LED tire alert to indicate tire pressure conditions. The LED shall flash when the tire drops 8 psi below the factory setting.

BATTERY CHARGING RECEPTACLE

There shall be a Kussmaul VW-8, 12-volt male power inlet receptacle wired to the 12-volt chassis batteries. The receptacle shall be configured to allow a remote 12-volt DC power source to charge the batteries. A matching male plug shall be provided and shipped loose with the apparatus.

The battery charging receptacle cover shall be a Kussmaul 091-3YW, yellow in color.

The receptacle shall be located below the driver's side cab door.

CENTER CAB CONSOLE

There shall be a custom console installed in the apparatus fabricated from smooth aluminum plate. The design and location of this console shall be determined by the customer. The console shall be sprayed with F-Shield coating.

REFLECTIVE DOOR STRIPING

There shall be 96 square inches of a single color reflective material installed on the inside lower panel of each cab door.

LIGHT, IGNITION ON

A green ignition on light shall be located in the cab to indicate power to the ignition.



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LOAD MANAGER

The apparatus shall be equipped with a Load Manager System for performing electrical load management. The Load Manager shall have two-(2) modes of operation, a "Calling Right of Way" mode, and a "Blocking Right of Way" mode. The "Blocking Right of Way" mode is activated only when the park brake is set. Load shedding may occur "only" in the "Blocking Right of Way" mode also when the battery voltage level reaches your programmed shed level.

This system shall be designed to activate a fast idle system with a low voltage alarm that activates at the NFPA required 11.8 volts.

SWITCH PANEL

All warning lights shall be switched from a master light switch panel mounted in the cab.

RADIO ANTENNA / WIRING

one (1) antenna base(s), for use with an NMO type antenna, will be mounted on the cab roof so not to interfere with light bars or other roof mounted equipment. The antenna base will include 17' of RG58 A/U cable with no connector at the radio end of the cable. The antenna base design provides the most corrosion resistance and best power transfer available from a high temper all brass construction and gold plated contact design.

RADIO POWER CIRCUIT

A 50 amp switched battery power circuit with manual reset shall be installed behind the officer's seat to activate the radio.

Location:

ELECTRONIC SIREN

There shall be one-(1) Whelen model 295SLSA1 siren provided in the cab. The siren amplifier shall incorporate a 12V/200W siren installed on an aluminum alloy chassis covered by a black polycarbonate powder coated housing for maximum protection. The 295SLSA1 shall have the



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ability for either 100 or 200 watt output. The front overlay shall be made of velvet Lexan™ with a matte finish. The lettering and artwork on the overlay shall be illuminated with adjustable backlighting of soft LED non-glaring green. The operating controls will consist of a power switch, manual button, PA volume switch, horn button, and rotary switch. The 295SLSA1 PC board shall have input polarity protection, output short circuit protection. The siren amplifier shall include a 20A/32V fuse. The solid state siren speaker amplifier shall be vibration resistant. The microphone shall be hardwired to the 295SLSA1.

The 295SLSA1 shall have 21 Scan-Lock™ siren tones with two manual functions for additional siren tones. The siren amplifier shall have the ability to customize the placement of each siren tone with the rotary switch. The siren amplifier shall have a "Siren in Use" icon driver and adjustable preset repeat radio volume. The 295SLSA1 shall have a "Park Kill" feature that disables the siren when the vehicle is in park. The PTT (push to talk) switch on the microphone shall override all siren functions. The 295SLSA1 shall have a combination On/Off and horn ring transfer switch with Bi-polarity horn/ring activation control. The 295SLSA1 shall have SI Test® capability to perform a complete diagnostic silent test of amplifier and speaker(s). The siren amplifier shall have a quick disconnect plug. The 295SLSA1 shall have the ability to activate siren tones with "Aux Enable" input either with a slide switch, power controls, or relay-to-ground connector. The 295SLSA1 shall meet Class A requirement for SAE, AMECA, KKK1822, and California Title XII. The siren amplifier shall have an adjustable bail bracket with installation hardware. The 295SLSA1 is covered by a two year factory warranty.

LIGHT(S), ADDITIONAL CAB DOME

There shall be One (1) additional Whelen 6" Round Super-LED model 60CREGCS shall be provided in the cab's headliner. The steady burn 12v interior light shall incorporate six red and six clear Super-LEDs and a clear non-optic translucent hard coated polycarbonate lens for maximum output. The hard coated lens shall provide extended life/luster protection against UV and chemical stresses. The conformal coated PC board and foam in place gasket shall provide additional protection against environmental elements. The 60CREGCS includes Hi/Low intensity mode standards and On/Off dual switch function. The solid state interior light shall be vibration resistant. The interior light is covered by a five year factory warranty.

The white LED lights shall be activated when any cab door is in the open position automatically switching off all red lights currently on and reactivated when the door is closed.



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LIGHT, DOOR AJAR

A red door ajar LED flashing light shall be mounted in the cab within view of the driver.

The light circuit shall be wired so that the light circuit is deactivated when the parking brakes of the apparatus are applied.

A label shall be applied adjacent to the light 'DOOR OPEN'.

LIGHTS, ENGINE MAINTENANCE

There will be two-(2) LED lights mounted under the hood of the commercial cab. The lights will be activated by a switch located under the hood.

LIGHTS, CAB GROUND

There shall be one-(1) LED light mounted under each cab door illuminating the area below providing a safe entrance and exit for cab occupants. All cab ground lights shall automatically activate when any cab door is opened and by a switch located on the dash.

INTERCOM SYSTEM, FIRECOM

A Firecom 5000D series intercom system will be installed to provide noise suppression while providing clear voice communications for up to ten-(10) seated positions in the cab.

The driver and officer headsets include the intercom and two-way radio communication functions, while the crew headsets are capable of intercom communications and radio communications listening.

MASTER INTERCOM STATION, SINGLE RADIO

A Firecom model 5100D with single radio monitoring and primary transmit selection intercom will be provided and installed. This system will have the capability of installing up to six-(6) positions for wireless base stations and/or wired headsets. A single auxiliary input/output for an MP3 player, cell phone interface, or GPS shall be provided. The control head will have a



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touch pad with adjustable volume and squelch with advanced digital noise reduction. The intercom will have a rugged steel casing and a 12-volt nominal power supply.

INTERFACE CABLE(S), MOBILE RADIO

The intercom system will be provided with one (1) Firecom mobile radio interface cable(s) between the Departments radio and the Firecom system.

Radio Make:

Radio Model:

HEADSET, DRIVER POSITION

There will be a Firecom UH-51 wired under the helmet headset provided for the driver's position. The headset will have PTT radio transmit and intercom capabilities.

The Firecom UH-51 wired headset delivers all the benefits of hands-free, full-duplex communication with your crew. Operating with a stand-alone intercom system or integrated with a mobile radio, the flexible design brings all crew members into constant communication. Behind-the-head band configuration with adjustable over-head strap easily accommodates use with helmets. Water resistant and comfortable ear seals, extended operating temperature, and robust design make this headset ready for action in virtually any foreground environment. There will be one-(1) Firecom HM10 headset plug in module provided for the driver's headset. The module is used to connect the intercom via the module RJ-14 jack. The module features a connector guard to protect against moisture and dust.

HEADSET, OFFICER POSITION

There will be a Firecom UH-51 wired under the helmet headset provided for the officer's position. The headset will have PTT radio transmit and intercom capabilities.

The Firecom UH-51 wired headset delivers all the benefits of hands-free, full-duplex communication with your crew. Operating with a stand-alone intercom system or integrated with a mobile radio, the flexible design brings all crew members into constant communication. Behind-the-head band configuration with adjustable over-head strap easily accommodates use



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with helmets. Water resistant and comfortable ear seals, extended operating temperature, and robust design make this headset ready for action in virtually any foreground environment.

There will be one-(1) Firecom HM10 headset plug in module provided for the officer's headset. The module is used to connect the intercom via the module RJ-14 jack. The module features a connector guard to protect against moisture and dust.

HEADSETS, CREW POSITIONS

There will be four (4) Firecom UH-52 wired under the helmet headsets provided for the crew positions. The headsets will have PPT intercom and radio listen only capabilities.

The Firecom UH-52 wired headset delivers all the benefits of hands-free, full-duplex communication with your crew. Operating with a stand-alone intercom system or integrated with a mobile radio, the flexible design brings all crew members into constant communication. Broad padded headband remains comfortable for hours of wear. Water-resistant and comfortable ear seals, extended operating temperature, and robust design make this headset ready for action in virtually any fire ground environment.

There will be four (4) Firecom HM10 headset plug in modules provided for the crew headsets. The modules are used to connect the intercom via the module RJ-14 jacks. The modules feature a connector guard to protect against moisture and dust.

HANGER HOOKS

There will be four (4) Firecom 520-0676-00 black headset hanger hooks installed in the cab.

HEADSET INTERCOM SYSTEM

A David Clark 3800 series intercom system shall be installed to provide noise suppression while providing clear voice communications for four-(4) seated positions in the cab. There shall be an additional headset connection provided at the pump panel.

Communications are provided by two-(2) 3800 series under the helmet headsets. This system includes:



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- MS Connectors 6-Socket
- Power Cord
- 12' Jumper Cord
- 25' Jumper Cord
- Connector Kit
- Protective Caps w/Cord

The driver and officer headsets include the intercom and two-way radio communication functions, while the crew headsets are capable of intercom communications and radio communications listening.

MASTER INTERCOM STATION

One master station shall be provided. The U3800 accommodates two headsets and is placed where radio transmit function is not required, adjusts automatically for 12 or 24 VDC power source. Contains system on/off, master volume control, two headset jacks with listen level controls, power input connector, and two remote output connectors. System draws less than 600 milliampere of current.

MOBILE RADIO INTERFACE CORDS

The intercom system shall be provided with one (1) radio interface cable between the Departments radio and the David Clark system for the specified location.

Customer must specify make and model radio.

DRIVER'S HEADSET STATION

There shall be one model U3815 interface module provided for the driver's position. The module combines the transmit/receive functions of a mobile radio. This module has one headset jack with listen level control, one PTT switch, one radio input connector (C3821), two intercom connectors (C38-XX) and one connector allowing use of an optional Foot switch (40017G-04) or other remote PTT.



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OFFICER'S HEADSET STATION

There shall be one model U3811 interface module provided for the officer's position. This module provides isolated radio transmit function for one headset and radio receive function for all users. This unit contains one radio PTT switch, one headset jack and listen level control, one system input connection, and one radio input connection.

SINGLE EAR HEADSETS

There shall be one (1) single ear model H3441 headset provided for the one-(1) for each station. The headset shall provide a single plug under helmet radio transmit headset. The headset shall come with an adjustable volume, noise canceling electric microphone, adjustable head strap, and flexible style boom for rotation of right or left dress. It shall have an on/off button located on the microphone. The headset shall provide high clarity speakers and fully shielded EMI/RFI protected 5' coil cord. The headset shall have gel foam ear seals and provide 23 dB of noise reduction.

Each headset shall have a one-(1) year warranty.

DUAL EAR HEADSETS

There shall be one (1) dual ear model H3442 headset provided for the one-(1) for each station. The headset shall provide a single plug under helmet radio transmit headset. The headset shall come with an adjustable volume, noise canceling electric microphone, adjustable head strap, and flexible style boom for rotation of right or left dress. It shall have an on/off button located on the microphone. The headset shall provide high clarity speakers and fully shielded EMI/RFI protected 5' coil cord. The headset shall have gel foam ear seals and provide 23 dB of noise reduction.

Each headset shall have a one-(1) year warranty.



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SAFETY SIGNS, GENERAL REQUIREMENTS

Safety signs with text will conform to the general principles of ANSI/NEMA Z535.4, *Product Safety Signs and Labels*. Safety signs without text will conform to the general principles for two-panel safety signs of ISO 9244, *Earth-Moving Machinery - Machine Safety Labels*.

Apparatus built for sale in the United States will employ safety signage that complies with ANSI/NEMA Z535.4.

Apparatus built for sale outside the United States will employ safety signage that complies with ANSI/NEMA Z535.4 or ISO 9244.

Safety signs referenced in this standard beginning with the letters FAMA will conform to the text and graphics of the referenced safety sign number found in FAMA TC010, *Standard Product Safety Sign Catalog for Automotive Fire Apparatus*.

SAFETY SIGNS, BATTERY EXPLOSION

A safety sign(s) FAMA01, will be provided near the battery location that warns of potential injury or death that could be caused by the batteries. The label will also state precautions that should be taken while working on or around the batteries.

SAFETY SIGNS, ROTATING SHAFTS

Safety signs FAMA02, will be provided on each side of the frame rail and in any other location(s) where rotating shaft hazards are apparent. The label will warn of potential injury or death that could be caused by the movement of the shaft(s) as well as precautions that should be taken while working on or around them.

SAFETY SIGNS, HOT SURFACES

Safety sign(s) FAMA03, will be provided near any hot surface that warns of potential injury or death that could be caused by contact with the surface. The label will also state precautions that should be taken while working on or around the surface.



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SAFETY SIGNS, HOT EXHAUST

A safety sign FAMA04, will be provided near any hot exhaust surface that warns of potential injury or death that could be caused by contact with the surface. The label will also state precautions that should be taken while working on or around the surface.

SAFETY SIGN, SPINNING FAN

A safety sign FAMA05, shall be provided on both sides of the engine fan. The label will warn of potential injury or death that could be caused by the movement of the fan as well as precautions that should be taken while working on or around them.

SAFETY SIGNS, SEATED & BELTED

Safety signs FAMA07, which warns of the importance of seat belt use, will be visible from each seat that is intended to be occupied while the vehicle is in motion.

SAFETY SIGN, AIR CONDITIONING REFRIGERANT

If the apparatus is equipped with any type of air conditioning system, a safety sign FAMA09 will be provided that is located in an area that would be visible to service personnel. The label will state that the system contains R134A, the necessary precautions that should be taken and the dangers of working on or around the system.

SAFETY SIGN, CAB EQUIPMENT MOUNTING

A safety sign FAMA10, which warns of the need to secure items in the cab, will be visible inside the cab.

SAFETY SIGN, FIRE SERVICE TIRE RATING

A safety sign FAMA12, which warns of the special requirements for fire service-rated tires, will be visible to the driver entering the cab of any apparatus so equipped.



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SAFETY SIGN, CAB SEATING

A safety sign FAMA14 will be located in the cab visible to the operator.

The sign will read:

This vehicle has a seating capacity of 2 personnel.

SAFETY SIGNS, HELMET WORN IN CAB

A safety sign FAMA15, which warns not to wear helmets while the vehicle is in motion, will be visible from each seat that is intended to be occupied while the vehicle is in motion.

SAFETY SIGN, VEHICLE BACKING

A safety sign FAMA17, will be provided inside of the cab in view of the driver advising of proper procedures to following when the apparatus is in reverse motion. The label will also warn of potential injury or death that be caused by failing to follow proper procedures.

SAFETY SIGNS, CLIMBING METHOD INSTRUCTION

Safety signs FAMA23, which warns of the proper climbing method, will be visible to personnel entering the cab and at each designated climbing location on the body.

SAFETY SIGNS, RIDING ON EXTERIOR

Safety signs FAMA24, which warns personnel not to ride on the vehicle, will be located at the rear step areas and at any cross walkways.

SAFETY SIGNS, NO-STEP

Safety signs FAMA26, will be provided in any horizontal location that a firefighter may feel tempted to use as a step but is not designed, constructed or intended to be a stepping, standing or walking surface. The label will state that the surface is not intended for this purpose and indicate potential injury or death in doing so.



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SAFETY SIGN, SIREN NOISE

A safety sign FAMA42, will be provided inside the driver's door warning of potential injury that could be received from the noise of the siren. The label will also state safety precautions that should be taken when the siren is in use.

SAFETY SIGN, APPARATUS MOVEMENT

A permanently affixed movement warning plate will be installed near the door ajar light that reads:

"DO NOT MOVE APPARATUS WHEN LIGHT IS ON".

PLATE, FLUID CAPACITY

A permanently affixed fluid date plate will be installed in the driving compartment to indicate the type and quantities of the following fluid used in the vehicle.

Engine Oil
Engine Coolant
Chassis Transmission Fluid
Pump Transmission Lubrication Fluid (if applicable)
Pump Primer Fluid (if applicable)
Drive Axle Lubrication Fluid
Air Conditioning Refrigerant
Air Conditioning Lubrication Oil
Power Steering Fluid
Cab Tilt Mechanism Fluid
Transfer Case Fluid
Equipment Rack Fluid
Air Compressor System Lubricant
Generator System Lubricant
Front Tire Pressure - Cold
Rear Tire Pressure - Cold



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The following information will also be supplied on the fluid data plate:

Chassis Manufacturer
Production Number
Paint Number
Year Built
Date Shipped
Vehicle Identification Number

PLATE, OVERALL HEIGHT / LENGTH / WEIGHT

An overall height / length / weight information plate will be installed that can be clearly identified and visible to the driver while in the seated position showing the apparatus completed overall height, length, (in feet and inches) and gross vehicle weight (in tons) current to the apparatus manufactured date.

If changes to the vehicle occur while in service, the department must revise the overall height-length-weight plate.

RESCUE BODY, 96" WIDE

The rescue body shall be constructed entirely of aluminum plate and extrusions.

BODY SUBFRAME

The main body supports cross member extrusions shall be 3" x 4" 6061T6 aluminum alloy, double "I" beam with a wall thickness of .438". These cross member shall extend the full width of the body to support the compartment framing, and welded to a .750" x 3" solid aluminum, 6061T6 aluminum alloy frame rail extrusion. The frame rail extrusion shall be shaped in contour with the chassis frame rails. The frame rail extrusion shall be mounted over a .250" thickness, reinforced rubber cushion to isolate the aluminum sub frame from the steel chassis frame rails. The body structure shall be securely fastened to the chassis frame rails with a minimum of six- (6) .625" OD, steel U-bolts. The main body support cross member shall have a gusset above and below each cross member. The gussets shall be constructed of 2.0" x 4.0" 6063T6 aluminum



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alloy extrusions with a .190" wall thickness. The gussets shall be continuously welded with 5356 aluminum alloy welding wire to add support to the body side walls.

BODY CONSTRUCTION

The framework shall be formed from beveled aluminum alloy extrusions and electrically seam welded both internally and externally at each joint using 5356 aluminum alloy welding wire. All aluminum extrusions shall be made from 6063T6 and 6061T6 aluminum alloy. Body sides shall be formed from 5052-H32 smooth aluminum plate. The horizontal surfaces above the compartment tops shall be constructed from aluminum tread plate. The compartment top shall have a formed edge which serves as a drip rail for the compartments below. The tops shall be mounted with stainless steel screws and removable.

The complete rescue body structure shall be all welded construction and free from nuts, bolts, and other fasteners. Upon completion of the weldments, the body shall be completely sanded and deburred for the removal of all sharp edges.

Each body corner shall be a 3-1/2" x 9-3/4" 6063T6 aluminum alloy extruded corner section with .210" wall thickness and welded as an integral part of the body. This extrusion shall have a large 1" corner radius.

The horizontal and vertical frame member extrusions shall be 2.0" x 4.0" with a .190" wall thickness. The extrusion shall be made from 6063T6 aluminum alloy. This extrusion shall have .190" outside radius corners. The longitudinal frame member, below the lower compartments shall be a 3" x 3-1/2" 6063T6 aluminum alloy extrusion with .190" radius corners.

COMPARTMENT CONSTRUCTION

All body compartment floors shall be formed from .1875" aluminum tread plate. The floors shall be welded in place with a continuous weld all around the perimeter to insure maximum strength and water tightness. The external compartment tops and roof shall be constructed of .125" aluminum tread plate. The compartment tops shall be bolted in place to allow ease of removal for easy access to the body wiring harnesses. The compartment side walls shall be of one piece construction. The walls shall be formed from .1875" 5052-H32 smooth aluminum



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plate. Lower compartments shall have a minimum of two-(2) solid welded saddles under the compartment floor.

The compartment seams shall be sealed with permanent pliable silicone caulking and each compartment shall be louvered to provide adequate ventilation.

UPPER COMPARTMENT FLOORS, TRANSVERSE AREA

The upper compartment floors in the transverse compartments shall be standard and not extended to the door opening.

WHEEL WELL PANELS, PAINTED ALUMINUM

The wheel well shall be constructed from 2" x 4" x .190" wall thickness. The extrusion shall be made from 6063T6 aluminum alloy and have .190" outside radius corners. The extrusion shall be slotted the full length to permit an internal fit of 1/8" (.125") painted aluminum panels. The wheel well liners shall be constructed of 3003 H-14 smooth aluminum plates. They shall be bolted in place for ease of maintenance.

FENDERETTES, POLISHED STAINLESS STEEL

The body fenderettes will be bright polished stainless steel securely fastened to the body wheel wells on each side.

COMPARTMENTS, LEFT SIDE

L1

There shall be one-(1) front compartment installed ahead of the rear axle. The compartment shall be approximately 34" wide x 70" high x 26" deep in the lower and transverse in the upper

L2

There shall be a second front compartment installed ahead of the rear axle. The compartment shall be approximately 34" wide x 70" high x 26" deep in the lower and transverse in the upper.



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L3

There shall be one-(1) compartment installed above the wheel well. The compartment shall be approximately 50" wide x 38" high x transverse.

L4

There shall be one-(1) rear compartment installed behind the rear axle. The compartment shall be approximately 42" wide x 70" high x 26" deep.

COMPARTMENTS, RIGHT SIDE

R1

There shall be one-(1) front compartment installed ahead of the rear axle. The compartment shall be approximately 34" wide x 70" high x 26" deep in the lower and transverse in the upper

R2

There shall be a second front compartment installed ahead of the rear axle. The compartment shall be approximately 34" wide x 70" high x 26" deep in the lower and transverse in the upper.

R3

There shall be one-(1) compartment installed above the wheel well. The compartment shall be approximately 50" wide x 38" high x transverse.

R4

There shall be one-(1) rear compartment installed behind the rear axle. The compartment shall be approximately 42" wide x 70" high x 26" deep.

COMPARTMENT, CENTER REAR

B1

There shall be one-(1) compartment installed at the center rear of the apparatus. The interior compartment dimensions shall be approximately 38" wide x 51" high x 45" deep.

COMPARTMENT DOOR(S)

A satin finish roll-up door will be installed on the specified compartment(s).



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There shall be an aluminum drip rail above each compartment door with a built in replaceable wiper seal.

COMPARTMENTS, ROOF TOP STORAGE

Four-(4) roof top compartments shall be installed, two-(2) each side of the upper body. The compartments shall be constructed from the same material as the body and shall be integral with the body. Each compartment shall have a door constructed from aluminum tread plate. The doors shall have a stainless steel piano type hinge and chest style latch. The interior compartment dimensions shall be determined by customer requirements for equipment storage and engineering. Compartments shall have a 1/2" flange around the opening to prevent water from entering the compartment when the door is closed. The doors shall be held open with gas shocks.

Each compartment shall have a grommet mount LED installed to the compartment inner door pan that activates when the door is open.

Each compartment shall have a grommet mount LED installed to the compartment inner door pan that activates when the door is open.

COMPARTMENT DOOR - REAR COFFIN COMPARTMENT

A hinged door shall be installed on the left side rear coffin compartment to allow storage of the ladder complement.

BODY TRIM

The standard body trim shall include the following:

There shall be drip rail installed over the compartment door openings.

The vertical rear face of the body shall be covered with smooth aluminum plate.



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MUD FLAPS, REAR

The rear axle mud flaps shall be constructed from hard black rubber and installed at the rear of the body fenders.

RUBRAIL

There shall be an aluminum rub rail installed on both sides of the lower body compartments. The rub rail shall be constructed from "C" channel extrusion. The aluminum rub rail shall be bolted in place with stainless steel bolts and spaced from the fire body to provide body protection. The solid rub rail shall serve as protection to the side doors when encountering close objects. Tread plate rub rails or welded on shall not be acceptable.

REAR STEP

The 10" rear step shall be constructed of 3/16" (.1875") aluminum tread plate. The rear step shall be flanged down 2.50" and in 1.00" to maximize strength and rigidity. The rear step shall be bolted on for removal or replacement.

All running board and step surfaces shall comply with NFPA 1901.

CHROME FOLDING STEP(S), REAR OF BODY

There shall be four (4) rear chrome folding step(s) installed on the rear of the body. Each step shall have a minimum of thirty-five (35) square inches of surface area.

There shall be an LED light installed above and below each step.

TOW EYES, REAR

Two-(2) 1" thick rear tow eyes constructed of A-36 steel shall be mounted below the frame at the rear of the vehicle. The tow eyes shall be attached to steel weldments that are mounted to the apparatus. The eyes shall have a minimum dimension of three-(3) inches. The tow eyes shall be used for towing, not lifting the vehicle.



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COMPARTMENT UNISTRUTS

One (1) set(s) of aluminum unistruts will be installed in the compartment(s) specified by the department for future installation of shelves or to allow the specified trays/tool boards to be adjustable.

Location:

Compartment L4

SHELF, ADJUSTABLE

There will be three (3) 45" deep adjustable shelves constructed from 3/16" brushed finish aluminum. Each shelf will have a 2" upward bend at front and rear with side supports.

Location:

Three (3) Mounted on unistrut in Compartment L4

TRAY(S), 500 POUND ROLL OUT

There will be four (4) 45" deep roll-out tray(s) constructed from 3/16" (.1875") smooth aluminum plate installed on the apparatus. The tray(s) will have a 3" lip on all sides for additional strength. The tray(s) will be mounted on Slide Master slides with a combined capacity of 600-pounds. The tray and the rail system extend 70% out of the compartment.

Locations:

One (1) Mounted in transverse of Compartment L1

One (1) Mounted in transverse of Compartment L2

One (1) Mounted in transverse of Compartment R1

One (1) Mounted in transverse of Compartment R2



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TRAY(S), 30-DEGREE ROLL-OUT/TILT

There will be two (2) 45" deep roll-out tray(s) constructed from 3/16" (.1875") smooth aluminum plate installed on the apparatus. The tray(s) will have a 3" lip on all sides for additional strength. The tray(s) will be mounted on Slide Master slides with a combined capacity of 250-pounds. The tray and the rail system will be designed to tilt 30 degrees with 70% extension.

Locations:

One (1) Mounted in Compartment L3

One (1) Mounted in Compartment R3

COMPARTMENT DIVIDER(S)

One (1) compartment divider(s) will be mounted in the specified compartment. The divider(s) will be bolt-in and constructed of 3/16" (.1875") smooth aluminum plate.

Location:

One (1) Mounted on 600# tray in Compartment L1 to mount SCBA's.

ELECTRICAL SYSTEM, BODY

The body electrical system shall be designed as an integrated electrical package specifically engineered for fire apparatus application. The integrated electrical system shall be comprised of power distribution panels, which interface to the body and chassis through an engineered harnessing system.

All chassis wiring shall be type "GXL" in accordance with S.A.E. J1128 and NFPA-1901. Wiring shall be color coded and include function codes every three-(3) inches on both sides.

The electrical wiring harness shall be covered by a black split convoluted loom, rated at a minimum of 275° F.



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Distribution Panels

The electrical distribution panels and circuits must be housed in each rear corner compartment or extrusion. The distribution panel shall incorporate a power and ground stud for connection to the internal circuits.

All internal wire end terminals, including locking bulkhead connectors, shall be mechanically affixed to the wire ends by machine terminal crimping presses. No hand-crimped terminals shall be acceptable.

All internal splices shall be ultrasonically welded connections - no butt style connections shall be acceptable. All internal wiring shall be of the high temperature GXL type wire and shall be protected by wiring duct wherever possible.

Each side electrical distribution panel shall consist of fifteen-(15) power distribution relays. The power distribution relays shall be replaceable, SPDT automotive style, rated at a minimum of 30 amperes.

The power distribution relays shall incorporate separate inputs, which are able to accept outputs from a load management system. The load management inputs must allow for the addition of a load management system before, during or after the time of delivery without requiring a rewiring of the existing distribution panel circuits.

Connections to the distribution panel shall utilize Deutsch style bulkhead connectors. Screw clamp type connections are not acceptable.

The distribution panel shall also contain circuit's ancillary to the required DOT signals and other body functions.

The complete body electrical system shall be 100% documented and contain independent circuit diagrams with point to point wiring information, as shall as a general component diagram included in the apparatus manual.

All electrical equipment switches shall be mounted on a switch panel mounted in the cab convenient to the driver. Light switches shall be of the marine grade rocker type with integral indicator light to show when lights are energized. All switches shall be appropriately identified.



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12-VOLT TESTING

The apparatus' low voltage system shall be tested and certified. A copy of the certification shall be provided to the purchaser with the apparatus.

Reserve Capacity Test

The unit shall be run until all engines, engine compartment temperatures are stabilized, and the battery system is fully charged. The engine shall be shut off and the minimum continuous electrical load be activated for ten-(10) minutes. All electrical loads shall be shut off after ten-(10) minutes and the battery system shall then be capable of restarting the engine.

Alternator Performance Test at Idle

Minimum continuous electrical loads shall be activated while the unit is at idle speed.

Alternator Performance Test at Full Load

The total continuous electrical load shall be activated with the engine running up to the manufacturer's governed speed. The test duration shall be a minimum of two-(2) hours. Activation of the load management system shall be permitted during the test. If, however, an alarm is sounded by excessive battery discharge as detected by the system or a system voltage of less than 11.8 volts DC for a 12-volt nominal system for more than 120 seconds, shall be considered a test failure.

Low Voltage Alarm Test

The engine shall be shut off and the total continuous electrical load shall be activated and continue to be applied until the excessive battery discharge alarm activates. The test shall be considered a failure if the alarm has not sounded within 140 seconds after the voltage drops to 11.8 volts.

WIRING PROTECTION

All 12-volt wiring shall be run in high temperature, rated at a minimum of 275° F, split loom for easy access to wires when trouble shooting.



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EMI/RFI PROTECTION

The apparatus shall be manufactured to incorporate the latest designs in the electrical system with components that are state of the art to ensure electromagnetic interference (EMI) and radio frequency interference (RFI) emissions are suppressed at the source.

The apparatus shall have the ability to operate in typical fire and rescue situations with no adverse effects from EMI and/or RFI.

The apparatus shall utilize components that are fully protected and wiring that utilizes shielding and loop backgrounds where required to control EMI/RFI susceptibility. The apparatus shall be bonded through ground straps. Relays and solenoids that are suspect to generating spurious electromagnetic radiation are diodes and/or resistors protected to prevent transient voltage spikes.

In order to prevent the radio frequency interference completely the purchaser shall be requested to provide a listing of the type, power output, and frequencies of all radio and bio medical equipment that is proposed to be used on the apparatus.

LIGHT(S), LED COMPARTMENT

There will be nine (9) LED compartment strip lights installed on the apparatus.

DOOR AJAR SWITCHES

All apparatus body doors shall be provided with an auto door switch. These switches shall operate the compartment interior lights and activate the door ajar indicator on each side of apparatus body when the door is opened. There shall be a red door ajar light mounted in the cab, in view of the driver to indicate an unsecured door. There shall be a buzzer mounted in the cab that shall alert the driver.

LIGHTBAR, 60" WHELEN FREEDOM IV

There will be a Whelen Freedom IV 60" LED light bar installed on the cab roof as far forward as possible. The light bar will incorporate an anodized extruded heavy duty aluminum base and



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cover chassis with two-(2) front red corner modules with two-(2) red end cap modules, two-(2) interior white modules and two-(2) interior red modules.

The light will be activated by the emergency light switch and individual light bar switch located in the cab dash.

The light bar will meet NFPA 1901 edition as configured.

LIGHTS, ZONE B/D UPPER REAR BODY

Two-(2) Whelen LINZ6 Series Super-LED model LINZ6R shall be installed, one-(1) each side of the upper rear corner of the body. The warning light shall incorporate six red Super-LEDs, a clear non-optic hard coated polycarbonate lens, clear optic collimator and utilize a metalized reflector for maximum output. The hard coated lens shall provide extended life/luster protection against UV and chemical stresses. The encapsulated lens/reflector assembly and conformal coated PC board shall provide additional protection against environmental elements. The solid state warning lights shall be vibration resistant. The self-contained flashing light shall have 69 Scan-Lock flash patterns including synchronize feature and steady burn. The warning light is covered by a five year factory warranty. The surface mount module includes a black flange and hardware for horizontal mounting.

LIGHTS, ZONE C UPPER OUTBOARD

Four-(4) Whelen LINZ6 Series Super-LED model LINZ6R shall be installed, two-(2) each side on the upper rear of the apparatus in the outboard position. The warning light shall incorporate six red Super-LEDs, a clear non-optic hard coated polycarbonate lens, clear optic collimator and utilize a metalized reflector for maximum output. The hard coated lens shall provide extended life/luster protection against UV and chemical stresses. The encapsulated lens/reflector assembly and conformal coated PC board shall provide additional protection against environmental elements. The solid state warning lights shall be vibration resistant. The self-contained flashing light shall have 69 Scan-Lock flash patterns including synchronize feature and steady burn. The warning light is covered by a five year factory warranty. The surface mount module includes a black flange and hardware for horizontal mounting.



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LIGHTS, ZONE A LOWER

Two-(2) Whelen LINZ6 Series Super-LED model LINZ6R shall be installed, one-(1) each side front of the apparatus. The warning light shall incorporate six red Super-LEDs, a clear non-optic hard coated polycarbonate lens, clear optic collimator and utilize a metalized reflector for maximum output. The hard coated lens shall provide extended life/luster protection against UV and chemical stresses. The encapsulated lens/reflector assembly and conformal coated PC board shall provide additional protection against environmental elements. The solid state warning lights shall be vibration resistant. The self-contained flashing light shall have 69 Scan-Lock flash patterns including synchronize feature and steady burn. The warning light is covered by a five year factory warranty. The surface mount module includes a black flange and hardware for horizontal mounting.

LIGHTS, ZONE B/D FRONT LOWER

Two-(2) Whelen LINZ6 Series Super-LED model LINZ6R lights shall be installed, one-(1) each side forward portion of the apparatus. The warning light shall incorporate six red Super-LEDs, a clear non-optic hard coated polycarbonate lens, clear optic collimator and utilize a metalized reflector for maximum output. The hard coated lens shall provide extended life/luster protection against UV and chemical stresses. The encapsulated lens/reflector assembly and conformal coated PC board shall provide additional protection against environmental elements. The solid state warning lights shall be vibration resistant. The self-contained flashing light shall have 69 Scan-Lock flash patterns including synchronize feature and steady burn. The warning light is covered by a five year factory warranty. The surface mount module includes a black flange and hardware for horizontal mounting.

LIGHTS, ZONE B/D MIDSHIP LOWER

Two-(2) Whelen LINZ6 Series Super-LED model LINZ6R lights shall be installed, one-(1) each side midship of the apparatus. The warning light shall incorporate six red Super-LEDs, a clear non-optic hard coated polycarbonate lens, clear optic collimator and utilize a metalized reflector for maximum output. The hard coated lens shall provide extended life/luster protection against UV and chemical stresses. The encapsulated lens/reflector assembly and conformal coated PC board shall provide additional protection against environmental elements. The solid state warning lights shall be vibration resistant. The self-contained flashing light shall have 69 Scan-



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Lock flash patterns including synchronize feature and steady burn. The warning light is covered by a five year factory warranty. The surface mount module includes a black flange and hardware for horizontal mounting.

LIGHTS, ZONE B/D REAR LOWER

Two-(2) Whelen LINZ6 Series Super-LED model LINZ6R lights shall be installed, one-(1) each side rearward portion of the apparatus. The warning light shall incorporate six red Super-LEDs, a clear non-optic hard coated polycarbonate lens, clear optic collimator and utilize a metalized reflector for maximum output. The hard coated lens shall provide extended life/luster protection against UV and chemical stresses. The encapsulated lens/reflector assembly and conformal coated PC board shall provide additional protection against environmental elements. The solid state warning lights shall be vibration resistant. The self-contained flashing light shall have 69 Scan-Lock flash patterns including synchronize feature and steady burn. The warning light is covered by a five year factory warranty. The surface mount module includes a black flange and hardware for horizontal mounting.

LIGHTS, ZONE C LOWER

Two-(2) Whelen 600 Series Super-LED model 60R02FCR shall be installed, one-(1) each side on the lower rear of the apparatus. The warning light shall incorporate red Linear Super-LEDs, a clear optic hard coated polycarbonate lens, and utilize a metalized reflector with integrated TIR hybrid optics for maximum output. The hard coated lens shall provide extended life/luster protection against UV and chemical stresses. The encapsulated lens/reflector assembly and conformal coated PC board shall provide additional protection against environmental elements. The solid state warning lights shall be vibration resistant. The self-contained flashing light shall have 14 Scan-Lock flash patterns including synchronize feature and steady burn. The warning light is covered by a five year factory warranty.

STOP, TURN AND BACK-UP LIGHTS

The stop, turn and backup lights will be Whelen 600 Series individual fixtures. The red stop and amber turn lights will be LED. The backup light will be a clear halogen light type.



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HOUSING, REAR TAILLIGHT ASSEMBLY

The fixtures shall be mounted on each rear face of the body in a model CAST4, four-(4) light head cast aluminum housing.

CLEARANCE LIGHTS AND REFLECTORS

The clearance lights will be LED lights, which include two-(2) red marker lights, four-(4) red rectangular reflectors, two-(2) amber rectangular reflectors and one-(1) red three light cluster recessed in the rear step.

LIGHT, LICENSE PLATE

A LED light will be provided at the rear of the apparatus to illuminate the license plate.

POWER INVERTER, KUSSMAUL FREEDOM X 3000

Maximum Non-Operating Voltage	24.0 VDC
Nominal Voltage (Inverting and Charging)	12.0 VDC
Nominal Current at Full Load	288 ADC
Operating Temperature Range	-4 To 140 °F (-20 To 60 °C), With Output Derated Above 104 °F (40 °C)
Storage Temperature Range	40 To 158 °F (-40 To 70 °C)



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Humidity	5 To 95% RH, Non-Condensing
Transfer Relay Rating	30A
Operating Voltage Range	LBCO Voltage - 18.0 VDC
Part Number	817-3000
L X W X H	15.4" (390mm) X 10.8" (275mm) X 4.0" (102mm)
Net Weight	16.5 Lbs. (7.5kgs)

CASCADE SYSTEM

A breathing air cascade system shall be supplied for filling of SCBA cylinders. The system shall include the following components:

Storage cylinders- specify number of bottles, and DOT or ASME
Cascading Air Control Panel
All necessary fittings and hose to operate cascading type system

The system shall meet NFPA 1901.

CASCADE AIR CONTROL PANEL

A control panel shall be supplied for filling SCBA/SCUBA cylinders. The control panel is designed for use with a four-(4) bank storage system. The control panel constructed of 1/8" stainless steel shall include a valve and gauge for each bank in the storage system, an adjustable pressure reducing regulator with a supply pressure gauge and a regulated pressure gauge for filling the different types/pressures of cylinders, a SCBA fill pressure gauge to indicate the pressure in the SCBA /SCUBA cylinder being refilled, an inlet fitting with a control valve for refilling the cascade system without have to disassemble any of the system and a valve outlet for connecting to the SCBA /SCUBA fill enclosure



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GAUGES

All gauges shall be 2-1/2" panel mounted gauges with a chrome plated brass bezel and shall be constructed of heavy brass cases with a brass bourdon tube and shall be glycerin filled. All gauges shall have a "Grade A" rating with an accuracy of 1-1/2% full range. The gauges used for the individual storage banks shall have a 0-7500 PSI range. Gauges used for the supply pressure and regulated pressures on high pressure regulators (0-5000 psi outlet) shall have a 0-7500 PSI range. The gauge on the regulated pressure side of the high pressure regulator shall have "pies" on the gauges at 2216 PSI (yellow) and 4500 PSI (red) for ease of adjustment. The gauges used on low pressure regulators (0-400 PSI outlet) shall have a 0-600 PSI range on the regulated pressure side.

CONTROL VALVE

All control valves shall be rated at 6000 PSI working pressure with a 4:1 safety factor. The valves shall be constructed of chrome plated brass and shall be of the soft seat type with the seats being easily replaced without removing the valve from the panel or having to disturb any of the plumbing. The valves shall be the metering type valve for ease of flow control. The valves shall have a non-rising stem and shall be easily turned at the rated working pressure.

PRESSURE REGULATOR

The pressure reducing regulator shall be rated at 0-6000 PSI inlet and 0-5000 PSI outlet pressures. It shall be a self-relieving type of regulator for ease of adjustment on the outlet side. There shall be a large adjusting knob on the regulator for adjusting anywhere between the range of 0-5000 PSI on the outlet side. There shall be a label affixed to the face of the adjusting knob indicating the direction to turn the knob to increase or decrease pressure. There shall be a relief valve on the regulated side of the regulator that shall be set at 10% over the intended pressure of that outlet.

SYSTEM COMPONENTS & PERFORMANCE CRITERIA

The system refill connection on the control panel shall have a quick disconnect connection rated for 6000 PSI.



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The inlet connections from the storage banks to the control panel shall be #4 JIC (37' flare) male connections.

All tube fittings used on the panel shall be rated at 6000 PSI minimum static pressure with a 4:1 safety factor.

All pipe fittings shall be rated at 6200 PSI minimum with a 4:1 safety factor.

All tubing connections on the control panel shall be constructed of 304 seamless stainless steel and shall be 1/4" I.D. X .049" wall thickness. The tubing shall have a working pressure of 7200 PSI with a 4:1 safety factor.

INTERCONNECTING HOSE/FITTINGS

All interconnecting hoses and fittings shall be included with the system. This shall include all hoses and fittings needed to connect the cylinder banks to the control panel. All flexible hose shall be thermoplastic with 3/16" I.D. and rated at 6000 PSI maximum working pressure. The hose shall have a 4:1 safety factor.

IDENTIFICATIONS TAGS AND WARNING LABELS

Appropriate tags and warning labels shall be affixed where necessary for safety and proper operation of the control panel. Gauges, valves and other components that are relied upon for normal operation and monitoring of the control panel shall be identified with permanently affixed chrome bezel with color-coded labels.

STORAGE CYLINDERS

There shall be four (4) 6000 psi cylinders in the system. Each cylinder shall meet the following specifications.

DOT Classification: DOT -E- 9909-6000

Internal Diameter: 8-1/2"



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Outside Diameter: 9-9/32"

Height: 55"

Weight (empty): 188 lbs.

Service Pressure: 6000 PSI

Air Capacity at Service Pressure @ 70 F: 509 cubic feet

Retest Period: Ten-(10) Years

CGA Outlet: 702

CONTAINMENT FILL STATION - SPACESAVER MODEL 400V SINGLE BOTTLE

SpaceSaver® 400V breathing air refill systems are ultra efficiently designed to minimize installation space requirements which leaves you with more room for life saving equipment and gear.

Every component of the system was designed with this space premium focus in mind while avoiding the need for significant and costly body modification. SpaceSaver® systems are designed for both mobile and standalone SCBA and SCUBA cylinder filling.

In the event of a cylinder rupture during filling, the SpaceSaver® will contain cylinder fragments and debris.

Features

- 3/16" & 3/8" Plate Steel Body construction for maximum safety and protection.
- 1/4" Stainless Steel Blast Door Construction
- Automatic Safety Interlock System prevents unsafe operation
- Ultra Space Efficient Design
- Lightweight yet Extremely Durable
- Optional Extension base available in custom sizes



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- Air Control Panel can be mounted to the unit or remotely according to space requirements

Specifications (Not including Base and Brackets)

- OVERALL HEIGHT: 42.50 inches
- OVERALL WIDTH: 15 inches
- OVERALL DEPTH: 17.75 inches
- OVERALL WEIGHT: 330 pounds

NFPA TEST, AIR SYSTEM

The complete air system will be tested by the apparatus manufacturer /company which installs the system. The results will be provided to the department at the time of delivery.

If the air system includes a compressor, the system will be tested to ensure it meets or exceeds the requirements for air quality and output.

If the air system has an air purification component, the discharge air shall be tested to ensure it is of the proper grade and that the following contaminants are within acceptable levels: Carbon Monoxide, Carbon Dioxide, Moisture, Oil and Odor.

PAINT FINISH, CAB/BODY

The apparatus cab/body shall be painted with AkzoNobel Sikkens brand paint. The paint process shall meet or exceed current state regulations concerning paint operations. Pollution control shall include measures to protect the atmosphere, water, and soil. The contractor shall, upon demand, provide evidence that the manufacturing facility is in compliance with State EPA rules and regulations.

The body exterior shall have no mounted components prior to painting to assure full coverage of metal treatments and paint to the exterior surfaces of the body. Any vertically or horizontally hinged smooth-plate compartment doors shall be painted separately to assure proper paint coverage on body, door jambs and door edges.

Paint process shall feature AkzoNobel Sikkens high solid BTLV products and be performed in the following steps:



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Corrosion Protection - all aluminum surfaces shall be treated with the AkzoNobel Sikkens LV 260 Epoxy coating to provide superior corrosion resistance and excellent adhesion of the base coat.

AkzoNobel Sikkens Sealer/Primer BTLV - acrylic urethane sealer/primer shall be applied to guarantee excellent gloss hold-out, chip resistance and a uniform base color.

AkzoNobel Sikkens High Solid BTLV650 (Base coat) - a lead-free, chromate-free high solid polyurethane base coat shall be applied, providing excellent coverage and durability. A minimum of two-(2) coats shall be applied.

AkzoNobel Sikkens High Solid BTLV650 (Clear coat) - high solid LV clear coat shall be applied as the final step in order to ensure full gloss and color retention and durability. A minimum of two-(2) coats shall be applied.

Any location where aluminum is penetrated after painting, for the purpose of mounting steps, handrails, doors, lights, or other specified components shall be treated at the point of penetration with a corrosion inhibiting pre-treatment (ECK Corrosion Control). The pre-treatment shall be applied to the aluminum sheet metal or aluminum extrusions in all locations where the aluminum has been penetrated. All hardware used in mounting steps, handrails, doors, lights, or other specified components shall be individually treated with the corrosion inhibiting pre-treatment.

After the paint process is complete, the gloss rating of the unit shall be tested with a 60 degree gloss meter. Coating thickness shall be measured with a digital MIL gauge and the orange peel with a digital wave scan device.

PAINT COLOR/CODE

The paint color/code shall be red FLNA 31979.

CAB PAINT FINISH, TWO TONE

The custom cab shall have a two-tone paint finish. The paint colors shall be furnished by the customer. The break in the color shall be at the bottom of the chassis window, unless otherwise



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specified by the department.

All cab exterior components, including doors and glass, shall be removed. The complete cab exterior shall be thoroughly sanded, solvent cleaned and finished with high luster polyurethane paint before mounting of body to assure full coverage of paint to all surfaces.

PAINT COLOR/CODE

The paint color/code shall be jet black FLNA 40421.

STRIPE, CAB PAINT BREAK LINE

A 1/4" wide black pin stripe shall be applied at the cab paint break line.

INTERIOR COMPARTMENT FINISH

The interior of the body compartments shall be a natural finish.

SCOTCHLITE STRIPE

There shall be a 4" wide Scotchlite stripe located on the apparatus cab and body. The stripe shall cover a minimum of fifty percent (50%) of the cab, body sides and of the rear of the apparatus. The stripe shall also cover twenty-five percent (25%) of the front of the apparatus. The stripe shall be installed to meet the current NFPA requirements.

The striping will be white in color.

The reflective stripe shall run straight from the headlights to the rear of the body on each side of the apparatus.

STRIPE, REAR CHEVRON

A minimum of fifty percent of the rear vertical surface of the unit shall be overlaid with a reflective material, installed in an alternating "Chevron" pattern (sloping down and away from



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the centerline) at a 45-degree angle. Each stripe shall be 6" wide and the colors of stripping shall be in compliance, with the current edition of NFPA 1901.

The Chevron striping shall be 3M red and lime green.

REFLECTIVE MATERIAL, DESIGNATED WALKING SURFACES

1" wide yellow perimeter marking consisting of individual Reflexite diamonds shall be applied to indicate the outside edge of designated standing and walking areas above 48" from the ground in compliance with 2016 NFPA 1901. Steps, ladders and areas with a railing or structure at least 12" high are excluded from this requirement.

LETTERING

There shall be a maximum of sixty-(60) 3" tall Spun Gold letters applied to the apparatus. The lettering shall also have a one color shade applied.

WARRANTY, BODY MATERIAL & WORKMANSHIP

The purchaser shall receive a general two-(2) year or 36,000 miles limited warranty in accordance with, and subject to, warranty certificate RFW0002. The warranty certificate is incorporated by reference into this proposal and included with this proposal or available upon request.

WARRANTY, BODY STRUCTURAL

The purchaser shall receive a body structure (Aluminum) ten-(10) years or 100,000 miles limited warranty in accordance with, and subject to, warranty certificate RFW0502. The warranty certificate is incorporated by reference into this proposal and included with this proposal or available upon request.

WARRANTY, BODY PAINT / PERFORATION

The purchaser shall receive a paint and finish (Exterior Clear coated) ten-(10) years limited warranty in accordance with, and subject to, warranty certificate RFW0710. The warranty



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certificate is incorporated by reference into this proposal and included with this proposal or available upon request.

MANUALS, APPARATUS BODY

The contractor shall supply, at time of delivery, at two-(2) sets of complete operation and service documentation covering the completed apparatus as delivered and accepted.

The documentation shall address at least the inspection, service, and operations of the fire apparatus and all major components thereof.

SAFETY GUIDE

One-(1) copy of the latest edition of FAMA's Fire Apparatus Safety Guide shall be provided with the completed apparatus.

WIRING DIAGRAMS, APPARATUS BODY

There will be a complete set of generic electrical schematics provided at the time of delivery. These schematics will have each circuit properly numbered and in color.

The schematic will show each connector in the circuitry and the position in which each circuit enters, exits, or terminates. The schematic will be drawn in such a manner as to allow individual circuitry to be followed throughout the apparatus.

These schematics will not have the circuitry condensed into a single line or sets of lines. Multiple sheets will be acceptable so long as each of the harnesses is properly identified to the connecting sheet and harness. There will be a border around the paper(s), which contain alpha and numeric characters for indexing coordinate reference. There will be an indexing or part reference document for quick location of items shown on the schematics.

This document will refer the user to the appropriate drawing and page number and to sections of the drawing(s) by the means of letter and number coordinates. The schematic will show all harnesses used in the apparatus cab, chassis and body that is supplied by the chassis and body



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manufacturer.

Modifications to the manufactured standard harnesses are to be documented and properly indexed for quick identification.

A complete wire number, color, and function listing will accompany the schematics.

NFPA REQUIRED EQUIPMENT, FD SUPPLIED

The loose equipment as outlined in NFPA 1901, 2016 edition, section 10.9 through 10.9.3 shall be provided by the fire department unless it is listed in this proposal. All loose equipment shall be installed on the apparatus before placed in emergency service, unless the Fire Department authorized agent signs the State of Exception as listed in the NFPA 1901 Standard for Automotive Fire Apparatus sections 4.21 thru 4.21.2.

The loose equipment as outlined in NFPA 1901, 2016 edition, section 10.9 through 10.9.3 shall be provided by the fire department unless it is listed in this proposal. All loose equipment shall be installed on the apparatus before placed in emergency service, unless the Fire Department authorized agent signs the State of Exception as listed in the NFPA 1901 Standard for Automotive Fire Apparatus sections 4.21 thru 4.21.2.

LADDER(S), 10' FOLDING

There shall be one (1) Duo-Safety Model 585-A, 10' folding ladder(s) provided with the apparatus. The ladder(s) shall be aluminum, single-section with rubber feet. The ladder(s) shall meet or exceed the latest NFPA standards.

LADDER(S), 14' ROOF

There shall be one (1) Duo-Safety model 775-A, 14' roof ladder(s) supplied with the apparatus. The ladder(s) shall be aluminum, single-section with folding steel roof hooks on one end and steel spikes at the other. The ladder(s) shall meet or exceed the latest NFPA standards.



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LADDER(S), 24' 2-SECTION EXTENSION

There shall be one (1) Duo-Safety model 900-A, 24' two-section ladder(s) supplied with the apparatus. The extension ladder(s) shall be aluminum with steel spurs on one end. The ladder(s) shall meet or exceed the latest NFPA standards.

LADDER(S), LITTLE GIANT

There shall be one (1) Little Giant multi-purpose folding ladder(s) supplied with the apparatus.

WHEEL CHOCS

There will be a pair of Ziamatic model SAC-44-E folding wheel chocs supplied with the apparatus.

HOLDER, WHEEL CHOCS

There will be a Ziamatic model SQCH-44-H horizontal wheel choc holder installed on the apparatus as directed.

PIKE POLES

The following Dealer Supplied Pike Poles shall be included:

1. Four (4) 6' Fiberglass Pike Poles
2. Two (2) 3' Fiberglass Pike Poles with D-Handle

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A proposal for
FERRARA FIRE APPARATUS

Prepared by
PREMIER TRUCK GROUP OF DALLAS
John Grosboll

Oct 30, 2023

Freightliner M2 106 Plus
Neosho, MO
Specifications
FER440



Components shown may not reflect all spec'd options and are not to scale

Application Version 11.8.106
Data Version PRL-28M.018
Neosho MO - FER440



10/30/2023 10:31 AM

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S P E C I F I C A T I O N P R O P O S A L

Data Code	Description
Price Level	
PRL-28M	M2 PRL-28M (EFF:MY25 ORDERS)
Data Version	
DRL-018	SPECPRO21 DATA RELEASE VER 018
Vehicle Configuration	
001-172	M2 106 PLUS CONVENTIONAL CHASSIS
004-225	2025 MODEL YEAR SPECIFIED
002-004	SET BACK AXLE - TRUCK
019-004	STRAIGHT TRUCK PROVISION, NON-TOWING
003-001	LH PRIMARY STEERING LOCATION
General Service	
AA1-002	TRUCK CONFIGURATION
AA6-002	DOMICILED, USA (EXCLUDING CALIFORNIA AND CARB OPT-IN STATES)
99D-020	EPA EMISSIONS CERTIFICATION FOR 50 STATE REGISTRATION - CARB EXEMPT, FIRE AND EMERGENCY VEHICLES ONLY (INCLUDES 6X4 INCH LABEL ON LOWER FORWARD OF DRIVER DOOR)
AF2-998	NO STATE/PROVINCE INITIAL REGISTRATION SELECTED
A85-020	FIRE SERVICE
A84-1EV	EMERGENCY VEHICLES BUSINESS SEGMENT
AA4-002	LIQUID BULK COMMODITY
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS
AB1-008	MAXIMUM 8% EXPECTED GRADE
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE
995-091	MEDIUM TRUCK WARRANTY
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 14600.0 lbs



Data Code	Description
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 27000.0 lbs
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 41600.0 lbs

Truck Service

AA3-027	FIRE TANK/PUMPER - MAIN DRIVELINE DRIVEN SPLIT-SHAFT PTO/PUMP
AF3-517	FERRARA FIRE APPARATUS
AF7-99D	EXPECTED BODY/PAYLOAD CG HEIGHT ABOVE FRAME "XX" INCHES : 32.0 in

Engine

101-3B0	CUM L9 360EV HP @ 2200 RPM, 2200 GOV RPM, 1150 LB-FT @ 1200 RPM, R/F/E
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Electronic Parameters

79A-065	65 MPH ROAD SPEED LIMIT
79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT
79U-007	PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND
79W-024	CRUISE CONTROL BUTTON PTO CONTROL
80G-002	PTO MINIMUM RPM - 700
80J-001	REGEN INHIBIT SPEED THRESHOLD - 0 MPH
80S-021	PTO 1, WITH SWITCH, TEM SUPPLIED REQUEST AND INTERLOCKS, WITH PTO CONNECTIONS, ENGAGE BEFORE DRIVING INTERLOCKS
80T-021	PTO 2, WITH SWITCH, TEM SUPPLIED REQUEST AND INTERLOCKS, WITH PTO CONNECTIONS, ENGAGE BEFORE DRIVING INTERLOCKS

Engine Equipment

99C-024	EPA 2010/GHG 2024 CONFIGURATION
13E-001	STANDARD OIL PAN
105-001	ENGINE MOUNTED OIL CHECK AND FILL
014-1BX	SIDE OF HOOD AIR INTAKE WITH NFPA COMPLIANT EMBER SCREEN AND FIRE RETARDANT DONALDSON AIR CLEANER
124-113	LN 12V 325 AMP BLP4002H BRUSHLESS PAD ALTERNATOR WITH REMOTE SENSE AND LAMP TERMINAL
292-206	(3) DTNA GENUINE, FLOODED STARTING, MIN 2850CCA, 525RC, THREADED STUD BATTERIES
290-017	BATTERY BOX FRAME MOUNTED

Data Code	Description
281-001	STANDARD BATTERY JUMPERS
282-003	SINGLE BATTERY BOX FRAME MOUNTED LH SIDE BACK OF CAB
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN
289-001	NON-POLISHED BATTERY BOX COVER
293-058	POSITIVE LOAD DISCONNECT WITH CAB MOUNTED CONTROL SWITCH MOUNTED OUTBOARD DRIVER SEAT
295-029	POSITIVE AND NEGATIVE POSTS FOR JUMPSTART LOCATED ON FRAME NEXT TO STARTER
306-015	PROGRESSIVE LOW VOLTAGE DISCONNECT AT 12.3 VOLTS FOR DESIGNATED CIRCUITS
107-032	CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE
108-002	STANDARD MECHANICAL AIR COMPRESSOR GOVERNOR
131-013	AIR COMPRESSOR DISCHARGE LINE
152-039	GVG, FIRE AND EMERGENCY SERVICE VEHICLES ENGINE WARNING
128-1AR	CUMMINS ENGINE INTEGRAL BRAKE WITH VARIABLE GEOMETRY TURBO ON/OFF WITH BRAKE LAMPS
016-1DC	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH HORIZONTAL TAILPIPE EXITING FORWARD OF REAR TIRES
28F-015	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD ACTIVE REGENERATION AND VIRTUAL REGENERATION REQUEST SWITCH IN CLUSTER AND DASH MOUNTED INHIBIT SWITCH
239-001	STANDARD EXHAUST SYSTEM LENGTH
237-022	RH HORIZONTAL TAILPIPE, EXIT FORWARD OF REAR TIRES
23U-001	6 GALLON DIESEL EXHAUST FLUID TANK
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION
23Y-001	STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING
43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP
273-058	AIR POWERED ON/OFF ENGINE FAN CLUTCH

Data Code	Description
276-002	AUTOMATIC FAN CONTROL WITH DASH SWITCH AND INDICATOR LIGHT, NON ENGINE MOUNTED
110-003	CUMMINS SPIN ON FUEL FILTER
118-008	COMBINATION FULL FLOW/BYPASS OIL FILTER
266-013	1100 SQUARE INCH ALUMINUM RADIATOR
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES
270-008	AUXILIARY ENGINE COOLING USING WATER FROM FIRE PUMP
168-002	LOWER RADIATOR GUARD
134-001	ALUMINUM FLYWHEEL HOUSING
132-004	ELECTRIC GRID AIR INTAKE WARMER
155-058	DELCO 12V 38MT HD STARTER WITH INTEGRATED MAGNETIC SWITCH

Transmission

342-1KD	ALLISON 3000 EVS AUTOMATIC TRANSMISSION WITH PTO PROVISION
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Transmission Equipment

343-331	ALLISON VOCATIONAL PACKAGE 198 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODEL EVS
84B-003	ALLISON VOCATIONAL RATING FOR FIRE TRUCK/EMERGENCY VEHICLE APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES
84C-022	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 5, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY
84D-022	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 5, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY
84E-000	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE
84F-000	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE
84G-000	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE

Data Code	Description
84H-000	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE
84J-000	ENGINE BRAKE RANGE PRESELECT RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE
84K-000	ENGINE BRAKE RANGE ALTERNATE PRESELECT RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE
84N-200	FUEL SENSE 2.0 DISABLED - PERFORMANCE - TABLE BASED
84U-000	DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES
84M-001	PUMP MODE INPUT ENABLED 3RD/4TH LOCKUP WIRED ON TCM INPUT AJ/BQ - ALLISON 5TH GEN TRANSMISSIONS
85B-004	4TH RANGE INDICATION ON TCM OUTPUT C - ALLISON 5TH GEN TRANSMISSIONS
353-074	QUICKFIT BODY LIGHTING CONNECTOR UNDER CAB, WITH BLUNTCUTS
34C-011	ELECTRONIC TRANSMISSION WIRING TO CUSTOMER INTERFACE CONNECTOR
362-824	(2) CUSTOMER INSTALLED CHELSEA 280 SERIES PTO'S
363-011	PTO MOUNTING, LH AND RH SIDES OF MAIN TRANSMISSION
341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN
345-003	PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED
97G-004	TRANSMISSION PROGNOSTICS - ENABLED 2013
370-015	WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK
346-003	TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)

Front Axle and Equipment

400-1A8	DETROIT DA-F-14.7-3 14,700# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE
402-049	MERITOR 16.5X5 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES

Data Code	Description
403-026	FIRE AND EMERGENCY SEVERE SERVICE, NON-ASBESTOS FRONT LINING
419-001	CAST IRON OUTBOARD FRONT BRAKE DRUMS
409-006	FRONT OIL SEALS
408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES
405-002	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS
536-012	TRW TAS-85 POWER STEERING
539-003	POWER STEERING PUMP
534-015	2 QUART SEE THROUGH POWER STEERING RESERVOIR
40T-002	CURRENT AVAILABLE SYNTHETIC 75W-90 FRONT AXLE LUBE

Front Suspension

620-010	14,600# TAPERLEAF FRONT SUSPENSION
619-005	MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION
410-001	FRONT SHOCK ABSORBERS

Rear Axle and Equipment

420-1DR	RS-25-160 27,000# R-SERIES FIRE/EMERGENCY SERVICE SINGLE REAR AXLE
421-538	5.38 REAR AXLE RATIO
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING
386-073	MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES
423-010	MERITOR 16.5X7 P CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, CAST SHOES
433-025	FIRE AND EMERGENCY SEVERE SERVICE NON- ASBESTOS REAR BRAKE LINING
434-011	BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S)
451-030	WEBB HEAVY WEIGHT CAST IRON REAR BRAKE DRUMS
440-006	REAR OIL SEALS
426-100	WABCO TRISTOP D LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS
428-003	HALDEX AUTOMATIC REAR SLACK ADJUSTERS
41T-002	CURRENT AVAILABLE SYNTHETIC 75W-90 REAR AXLE LUBE

Data Code	Description
Rear Suspension	
622-1DE	27,000# FLAT LEAF SPRING REAR SUSPENSION WITH HELPER AND RADIUS ROD FOR FIRE/EMERGENCY SERVICE
621-001	SPRING SUSPENSION - NO AXLE SPACERS
431-001	STANDARD AXLE SEATS IN AXLE CLAMP GROUP
623-005	FORE/AFT CONTROL RODS
Pusher / Tag Equipment	
429-998	NO PUSHER/TAG BRAKE DUST SHIELDS
Brake System	
018-002	AIR BRAKE PACKAGE
490-1AU	WABCO 4S/4M ABS WITH TRACTION CONTROL WITH ATC SHUT OFF SWITCH
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES
904-001	FIBER BRAID PARKING BRAKE HOSE
412-001	STANDARD BRAKE SYSTEM VALVES
46D-002	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM
413-002	STD U.S. FRONT BRAKE VALVE
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE
480-009	BW AD-9 BRAKE LINE AIR DRYER WITH HEATER
479-015	AIR DRYER FRAME MOUNTED
460-058	STEEL AIR TANKS MOUNTED AFT INSIDE AND/OR BELOW FRAME JUST FORWARD OF REAR SUSPENSION
477-003	BW DV-2 AUTO DRAIN VALVE WITHOUT HEATER - WET TANK
Trailer Connections	
481-998	NO TRAILER AIR HOSE
476-998	NO AIR HOSE HANGER
310-998	NO TRAILER ELECTRICAL CABLE
Wheelbase & Frame	
545-527	5275MM (208 INCH) WHEELBASE
546-101	11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8MM/0.344X10.94 INCH) 120KSI
547-001	1/4 INCH (6.35MM) C-CHANNEL INNER FRAME REINFORCEMENT

Data Code	Description
552-048	2100MM (83 INCH) REAR FRAME OVERHANG
55W-008	FRAME OVERHANG RANGE: 81 INCH TO 90 INCH
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 142.13 in
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 139.13 in
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 327.78 in
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 91.03 in
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 109.51 in
553-001	SQUARE END OF FRAME
550-001	FRONT CLOSING CROSSMEMBER
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER
561-001	STANDARD CROSSMEMBER BACK OF TRANSMISSION
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)
* 572-057	INVERTED MOUNTED REAR CLOSING CROSSMEMBER
565-001	STANDARD SUSPENSION CROSSMEMBER

Chassis Equipment

556-1AR	THREE-PIECE 14 INCH CHROMED STEEL BUMPER WITH COLLAPSIBLE ENDS
558-001	FRONT TOW HOOKS - FRAME MOUNTED
574-001	BUMPER MOUNTING FOR SINGLE LICENSE PLATE
585-998	NO MUDFLAP BRACKETS
590-998	NO REAR MUDFLAPS
586-024	FENDER AND FRONT OF HOOD MOUNTED FRONT MUDFLAPS
551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS
44Z-002	EXTERIOR HARNESSSES WRAPPED IN ABRASION TAPE
* 601-020	3D STEP VEHICLE MODEL fire-hl-engineering-cad@revgroup.com
970-038	TANK BODY 0 TO 1500 GALLONS
607-001	CLEAR FRAME RAILS FROM BACK OF CAB TO FRONT REAR SUSPENSION BRACKET, BOTH RAILS OUTBOARD

Fifth Wheel

Data Code	Description
578-998	NO FIFTH WHEEL
Fuel Tanks	
204-215	50 GALLON/189 LITER SHORT RECTANGULAR ALUMINUM FUEL TANK - LH
218-005	RECTANGULAR FUEL TANK(S)
215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS
212-007	FUEL TANK(S) FORWARD
664-001	PLAIN STEP FINISH
205-001	FUEL TANK CAP(S)
122-1H3	DETROIT FUEL/WATER SEPARATOR WITH WATER IN FUEL SENSOR
216-020	EQUIFLO INBOARD FUEL SYSTEM
20E-004	AUXILIARY FUEL SUPPLY AND RETURN PORTS LOCATED ON LH FUEL TANK
202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE
Tires	
093-994	MICHELIN XZE 12R22.5 16 PLY RADIAL FRONT TIRES
094-0GR	MICHELIN XDN2 12R22.5 16 PLY RADIAL REAR TIRES
Hubs	
418-060	CONMET PRESET PLUS PREMIUM IRON FRONT HUBS
450-060	CONMET PRESET PLUS PREMIUM IRON REAR HUBS
Wheels	
502-766	ALCOA ULA18X 22.5X8.25 10-HUB PILOT 5.81 INSET ALUMINUM DISC FRONT WHEELS
505-766	ALCOA ULA18X 22.5X8.25 10-HUB PILOT ALUMINUM DISC REAR WHEELS
524-001	POLISHED FRONT WHEELS; OUTSIDE ONLY
525-001	POLISHED REAR WHEELS; OUTSIDE OF OUTER WHEELS ONLY
496-011	FRONT WHEEL MOUNTING NUTS
497-011	REAR WHEEL MOUNTING NUTS
Cab Exterior	
829-071	106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB

Data Code	Description
650-008	AIR CAB MOUNTING
648-002	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE
678-067	SAFETY YELLOW LH AND RH INTERIOR GRAB HANDLES AND LH AND RH EXTERIOR GRAB HANDLES WITH SINGLE RUBBER INSERT
646-023	HOOD MOUNTED CHROMED PLASTIC GRILLE
65X-003	CHROME HOOD MOUNTED AIR INTAKE GRILLE
644-004	FIBERGLASS HOOD
690-002	TUNNEL/FIREWALL LINER
727-036	VALVE AND PLUMBING FOR CUSTOMER FURNISHED AIR HORN, PIPING CAPPED AT FIREWALL
726-002	DUAL ELECTRIC HORNS
575-001	REAR LICENSE PLATE MOUNT END OF FRAME
312-038	INTEGRAL HEADLIGHT/MARKER ASSEMBLY WITH CHROME BEZEL
302-047	LED AERODYNAMIC MARKER LIGHTS
311-022	HEADLIGHTS OFF WITH IGNITION OFF, WITH DAYTIME RUNNING LIGHTS
294-046	OMIT STOP/TAIL/BACKUP LIGHTS AND PROVIDE WIRING WITH SEPARATE STOP/TURN WIRES TO 4 FEET BEYOND END OF FRAME
300-015	STANDARD FRONT TURN SIGNAL LAMPS
469-014	AUTOMATIC ON/OFF, ENGINE COMPARTMENT, HOOD ACTIVATED WORK LIGHT WITH MANUAL OVERRIDE
744-1BC	DUAL WEST COAST BRIGHT FINISH HEATED MIRRORS WITH LH AND RH REMOTE
797-001	DOOR MOUNTED MIRRORS
796-001	102 INCH EQUIPMENT WIDTH
743-204	LH AND RH 8 INCH BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS
729-001	STANDARD SIDE/REAR REFLECTORS
768-998	NO REAR WINDOW
661-003	TINTED DOOR GLASS LH AND RH WITH TINTED NON-OPERATING WING WINDOWS
654-011	RH AND LH ELECTRIC POWERED WINDOWS
663-013	1-PIECE SOLAR GREEN GLASS WINDSHIELD
659-019	2 GALLON WINDSHIELD WASHER RESERVOIR WITHOUT FLUID LEVEL INDICATOR, FRAME MOUNTED

Data Code	Description
Cab Interior	
055-019	RUGGED TRIM PACKAGE
707-107	GRAY & CARBON VINYL INTERIOR "RUGGED"
70K-020	CARBON WITH PREMIUM GUNMETAL ACCENT (RUGGED)
706-013	MOLDED PLASTIC DOOR PANEL
708-013	MOLDED PLASTIC DOOR PANEL
772-006	BLACK MATS WITH SINGLE INSULATION
785-026	(1)DASH MOUNTED 12V POWER OUTLET, (1)DASH MOUNTED DUAL USB-C OUTLET
691-001	FORWARD ROOF MOUNTED CONSOLE
693-019	LH AND RH DOOR STORAGE POCKETS INTEGRATED INTO MOLDED DOOR PANELS
738-021	DIGITAL ALARM CLOCK IN DRIVER DISPLAY
742-007	(2) CUP HOLDERS LH AND RH DASH
680-029	M2/SD DASH
700-002	HEATER, DEFROSTER AND AIR CONDITIONER
701-001	STANDARD HVAC DUCTING
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH
170-015	STANDARD HEATER PLUMBING
130-041	VALEO HEAVY DUTY A/C REFRIGERANT COMPRESSOR
702-002	BINARY CONTROL, R-134A
739-034	PREMIUM INSULATION
285-013	SOLID-STATE CIRCUIT PROTECTION AND FUSES
280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM
324-1B2	PREMIUM LED CAB LIGHTING
787-998	NO SECURITY DEVICE
657-001	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME
78G-002	KEY QUANTITY OF 2
655-005	LH AND RH ELECTRIC DOOR LOCKS
756-1E7	SEATS INC 911 UNIVERSAL SERIES HIGH BACK AIR SUSPENSION DRIVER SEAT WITH NFPA 1901-2009/2016 COMPLIANT SEAT SENSOR
760-1E7	SEATS INC 911 UNIVERSAL SERIES HIGH BACK AIR SUSPENSION PASSENGER SEAT WITH NFPA 1901-2009/2016 COMPLIANT SEAT SENSOR

Data Code	Description
711-004	LH AND RH INTEGRAL DOOR PANEL ARMRESTS
758-014	BLACK CORDURA PLUS CLOTH DRIVER SEAT COVER
761-014	BLACK CORDURA PLUS CLOTH PASSENGER SEAT COVER
763-105	NFPA 1901-2009 HIGH VISIBILITY ORANGE SEAT BELTS
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN
540-044	4-SPOKE 18 INCH (450MM) BLACK STEERING WHEEL WITH SWITCHES
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS
67E-006	INTERFACE CONNECTORS AND WIRING FOR CUSTOMER PROVIDED LED STEP LIGHTING

Instruments & Controls

734-023	CONFIGURABLE LOWER PANEL WITH INTEGRATED UPPER STORAGE
87L-001	ENGINE REMOTE INTERFACE WITH PARK BRAKE INTERLOCK
870-002	BRIGHT ARGENT FINISH GAUGE BEZELS
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM
840-001	DUAL NEEDLE PRIMARY AND SECONDARY AIR PRESSURE GAUGE
198-035	ELECTRONIC AIR RESTRICTION INDICATOR DISPLAYED IN DRIVER DISPLAY
721-001	97 DB BACKUP ALARM
149-015	ELECTRONIC CRUISE CONTROL WITH CONTROLS ON STEERING WHEEL SPOKES
156-020	IGNITION SWITCH WITH NON REMOVABLE KEY
811-044	PREMIUM INSTRUMENT CLUSTER WITH 5.0 INCH TFT COLOR DISPLAY
81B-003	DIGITAL PANEL LAMP DIMMER SWITCH IN DRIVER DISPLAY
160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH
844-001	2 INCH ELECTRIC FUEL GAUGE
148-073	ENGINE REMOTE INTERFACE FOR REMOTE THROTTLE
48H-004	QUICKFIT POWERTRAIN INTERFACE CONNECTOR UNDER CAB WITH BLUNTCUTS

Data Code	Description
4C0-998	NO ADDITIONAL EXTRA SWITCH ACCUATORS
* 4CG-004	4 EXTRA PROGRAMMABLE SWITCHES/INDICATORS \$C1B0000ZZ,C1C0000ZZ,C1D0000ZZ,C1E0000ZZ
48C-004	QUICKFIT PROGRAMMABLE INTERFACE CONNECTOR(S) UNDER CAB WITH BLUNTCUTS
163-014	ENGINE REMOTE INTERFACE CONNECTOR AT POWERTRAIN INTERFACE CONNECTOR
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE
864-001	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE
867-004	ELECTRONIC OUTSIDE TEMPERATURE SENSOR DISPLAY IN DRIVER MESSAGE CENTER
830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY
* 33A-051	WIRING PROVISION FOR CUSTOMER FURNISHED ROOF MOUNTED LIGHTBAR WITH 2 WIRES HANDLE UP TO 30 AMPS OF CURRENT
372-123	PTO CONTROLS FOR ENHANCED VEHICLE ELECTRIC/ELECTRONIC ARCHITECTURE
736-998	NO OBSTACLE DETECTION SYSTEM
72J-998	NO DR ASSIST SYSTEM
49B-998	NO VEHICLE STABILITY ADVISOR OR CONTROL
73B-998	NO LANE DEPARTURE WARNING SYSTEM
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE
* 679-022	LEFTHAND/RIGHTHAND OVERHEAD INSTRUMENT PANEL BLANK
35M-010	QUICKFIT PROGRAMMABLE INTERFACE MODULE
786-119	NFPA VEHICLE DATA RECORDER AND SEATBELT DISPLAY
746-998	NO RADIO
753-998	NO AM/FM RADIO ANTENNA
74D-006	STANDARD RADIO WIRING WITH STEERING WHEEL CONTROLS
810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER
817-001	STANDARD VEHICLE SPEED SENSOR
812-001	ELECTRONIC 3000 RPM TACHOMETER
813-1C8	DETROIT CONNECT PLATFORM HARDWARE

Data Code	Description
8D1-303	3 YEARS DAIMLER CONNECTIVITY BASE PACKAGE (FEATURES VARY BY MODEL) POWERED BY DETROIT CONNECT
6TS-005	TMC RP1226 ACCESSORY CONNECTOR LOCATED BEHIND PASSENGER SIDE REMOVEABLE DASH PANEL
162-002	IGNITION SWITCH CONTROLLED ENGINE STOP
4E1-003	4 SWITCH SLOTS, CENTER OVERHEAD CONSOLE
264-014	(2) FOOT SWITCHES: (1) OFFICER AIR HORN AND (1) DRIVER AIR HORN
883-998	NO TRAILER HAND CONTROL BRAKE VALVE
836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY
660-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY
304-030	ROTARY HEADLAMP SWITCH, MARKER LIGHTS/HEADLIGHTS SWITCH WITH PULL OUT FOR OPTIONAL FOG/ROAD LAMPS
27D-004	ALTERNATING FLASHING HEADLAMP SYSTEM WITH BODY BUILDER CONTROLLED ENGAGEMENT
882-018	ONE VALVE PARKING BRAKE SYSTEM WITH DASH VALVE CONTROL AUTONEUTRAL AND WARNING INDICATOR
299-020	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, HEADLAMP FLASH, WASH/WIPE/INTERMITTENT
298-046	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH 40 AMP (20 AMP PER SIDE) TRAILER LAMP CAPACITY

Design

* 065-000 PAINT: ONE SOLID COLOR

Color

* 980-UFJ CAB COLOR A: 00910068EY BLAZE
RED ELITE EY
986-020 BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT
969-998 NO CAB/BODY EXTERIOR DECALS
963-003 STANDARD E COAT/UNDERCOATING

Certification / Compliance

996-001 U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS

Prepared by:
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4200 PORT BOULEVARD
DALLAS, TX 75241
Phone: 972 213 5290

Data Code	Description
Secondary Factory Options	
998-033	CORPORATE PDI CENTER IN-SERVICE AND OPTION INSTALLATION/MODIFICATION
95M-001	CUSTOMER FURNISHED MATERIAL SPECIFIED
Sales Programs	
NO SALES PROGRAMS HAVE BEEN SELECTED	

Dealer Installed Options			
		Weight Front	Weight Rear
GREEN	BATTERY ON GREEN-LIGHT INDICATOR	0	0
Total Dealer Installed Options		0 lbs	0 lbs

(***) All cost increases for major components (Engines, Transmissions, Axles, Front and Rear Tires) and government mandated requirements, tariffs, and raw material surcharges will be passed through and added to factory invoices.





TABLE SUMMARY - DIMENSIONS

Dimensions	Inches
Bumper to Back of Cab (BBC)	106.3
Bumper to Centerline of Front Axle (BA)	40.7
Front Axle to Back of Cab (AC)	65.6
Min. Cab to Body Clearance (CB)	3.0
Back of Cab to Centerline of Rear Axle(s) (CA)	142.1
Effective Back of Cab to Centerline of Rear Axle(s) (Effective CA)	139.1
Back of Cab Protrusions (Exhaust/Intake) (CP)	2.0
Back of Cab Protrusions (Side Extenders/Trim Tab) (CP)	0.0
Back of Cab Protrusions (CNG Tank)	0.0
Back of Cab Clearance (CL)	3.0
Back of Cab to End of Frame	224.8
Cab Height (CH)	67.5
Wheelbase (WB)	207.7
Frame Overhang (OH)	82.7
Overall Frame Length	327.8
Overall Length (OAL)	331.1
Rear Axle Spacing	0.0
Unladen Frame Height at Centerline of Rear Axle	41.9

Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.

GVWR

VEHICLE SPECIFICATIONS SUMMARY - GVWR

Model.....	M2106
Cab Size (829).....	106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
Expected Front Axle(s) Load (lbs).....	14600.0
Expected Pusher Axle(s) Load (lbs).....	0.0
Expected Rear Axle(s) Load (lbs).....	27000.0
Expected Tag Axle(s) Load (lbs).....	0.0
Expected GVW (lbs).....	41600
Expected GCW (lbs).....	0.0
Front Axle (400).....	DETROIT DA-F-14.7-3 14,700# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE
Front Suspension (620).....	14,600# TAPERLEAF FRONT SUSPENSION
Front Hubs (418).....	CONMET PRESET PLUS PREMIUM IRON FRONT HUBS
Front Disc Wheels (502).....	ALCOA ULA18X 22.5X8.25 10-HUB PILOT 5.81 INSET ALUMINUM DISC FRONT WHEELS
Front Tires (093).....	MICHELIN XZE 12R22.5 16 PLY RADIAL FRONT TIRES
Front Brakes (402).....	MERITOR 16.5X5 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES
Steering Gear (536).....	TRW TAS-85 POWER STEERING
Rear Axle (420).....	RS-25-160 27,000# R-SERIES FIRE/EMERGENCY SERVICE SINGLE REAR AXLE
Rear Suspension (622).....	27,000# FLAT LEAF SPRING REAR SUSPENSION WITH HELPER AND RADIUS ROD FOR FIRE/EMERGENCY SERVICE
Rear Hubs (450).....	CONMET PRESET PLUS PREMIUM IRON REAR HUBS
Rear Disc Wheels (505).....	ALCOA ULA18X 22.5X8.25 10-HUB PILOT ALUMINUM DISC REAR WHEELS
Rear Tires (094).....	MICHELIN XDN2 12R22.5 16 PLY RADIAL REAR TIRES
Rear Brakes (423).....	MERITOR 16.5X7 P CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, CAST SHOES
Pusher / Tag Axle (443).....	NO PUSHER OR TAG AXLE
Pusher / Tag Suspension (626).....	NO PUSHER OR TAG SUSPENSION
Pusher / Tag Hubs (449).....	NO PUSHER OR TAG HUBS
Dead/Pusher/Tag Disc Wheels (509).....	NO PUSHER/TAG DISC WHEELS
Pusher / Tag Tires (095).....	NO PUSHER/TAG TIRES
Pusher / Tag Brakes (456).....	NO PUSHER/TAG BRAKES

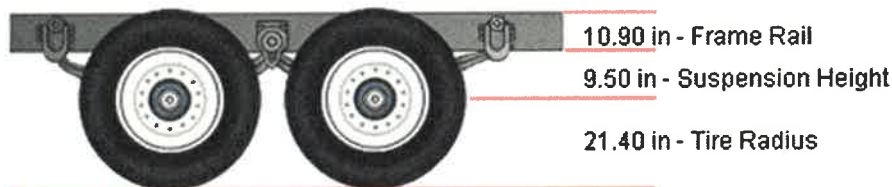
TABLE SUMMARY - GVWR

	Front	Rear
Axle Component Weight Ratings		
Axles	14700	27000
Suspension	14600	27000
Hubs	14700	27000
Brakes	14700	32500
Wheels	14800	29600
Tires	14780	27120
Power Steering	18000	N/A
GAWR (per axle)	14600	27000
GAWR (per axle system)	14600	27000
Expected Load (per axle system)	14600	27000
GVWR due to Frame	90000	
GVWR due to Transmission	300000	
Vehicle GVWR Summary		
Calculated GVWR	41600	
Expected GVWR	41600	
All weights displayed in pounds		

Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.

UNLADEN FRAME HEIGHT

Unladen Height	Requested	Calculated
Frame (in)	N/A	41.90



VEHICLE SPECIFICATIONS SUMMARY - UNLADEN FRAME HEIGHT

Model.....M2106
Cab Size (829).....106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
Frame Rails (546)..... 11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8MM/0.344X10.94 INCH) 120KSI(546)
Web Height (in)..... 10.9375
Flange Thickness (in).....0.34375
Rear Suspension (622).....27,000# FLAT LEAF SPRING REAR SUSPENSION WITH HELPER AND RADIUS ROD FOR
FIRE/EMERGENCY SERVICE
Rear Suspension Ride Height (621)..... SPRING SUSPENSION - NO AXLE SPACERS
Axle C/L to Bottom of Frame (in)..... 9.546
Rear Tires (094)..... MICHELIN XDN2 12R22.5 16 PLY RADIAL REAR TIRES
Unladen Radius (in).....21.45
Fifth Wheel (578)..... NO FIFTH WHEEL
Requested Min Height (in).....0.0
Requested Max Height (in).....1
Fifth Wheel Leg Height (582)..... NO FIFTH WHEEL LEG HEIGHT
Rear Tow Device (587)..... NO REAR TOWING DEVICE
Requested Min Height (in).....0.0
Requested Max Height (in).....0.0

Prepared by:
John Grosboll
PREMIER TRUCK GROUP OF
DALLAS
4200 PORT BOULEVARD
DALLAS, TX 75241
Phone: 972 213 5290

Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.



TURNING RADIUS



Turning radius graphic and data provided strictly for comparisons between model configurations. Weather, road surfaces, and tire treads affect the results. It is strongly suggested that actual vehicles be measured before constructing any roads/driveways using this information. For specific figures regarding your configuration, please contact your CAE representative.

	Dimensions	Tolerance
Wall to Wall Diameter (ft)	59.0	+/- 3.0
Curb to Curb Diameter (ft)	57.3	+/- 3.0
Turning Radius (ft)	28.2	+/- 1.5

VEHICLE SPECIFICATIONS SUMMARY - TURNING RADIUS

Model.....M2106
Cab Size (829).....106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
Wheelbase (545) 5275MM (208 INCH) WHEELBASE
Front Tires (093) MICHELIN XZE 12R22.5 16 PLY RADIAL FRONT TIRES
Width (in) 11.4
Front Axle (400)DETROIT DA-F-14.7-3 14,700# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE
Kingpin Intersection (in)71.5
Bumper (556).....THREE-PIECE 14 INCH CHROMED STEEL BUMPER WITH COLLAPSIBLE ENDS
Width (in)93.5
Bumper Miter to Front Axle (in)21.458
Primary Steering Location (003)..... LH PRIMARY STEERING LOCATION
Steering Gear (536) TRW TAS-85 POWER STEERING
Dual Steering Gear NONE
Ram NONE
Rear Axle (420).....RS-25-160 27,000# R-SERIES FIRE/EMERGENCY SERVICE SINGLE REAR AXLE
Axle Spacing (624)..... NO AXLE SPACING

Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.

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Fire Master Fire Equipment, Inc.

*Sales & Service on New & Pre-Owned Fire Apparatus
Plus a Complete Line of Fire Fighting Equipment*



Service and Support

1. Location of cab/chassis service provider

- Fire Master Fire Equipment, Inc. has brick and mortar service centers in the following locations:
 - 7611 Trafficway, Raytown, Missouri
 - 2049 East Division Street, Springfield, Missouri
- Fire Mater Fire Equipment, Inc. also provides mobile service for most routine repairs

2. Location of body and installed equipment service provider

- Fire Master Fire Equipment, Inc. has brick and mortar service centers in the following locations:
 - 7611 Trafficway, Raytown, Missouri
 - 2049 East Division Street, Springfield, Missouri
- Fire Mater Fire Equipment, Inc. also provides mobile service for most routine repairs

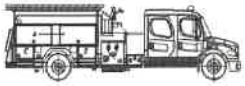
3. Number of years the service provider has been providing repair service for the body and equipment service provider

- Fire Master Fire Equipment, Inc. has been in business since 1963
- Fire Master Fire Equipment, Inc. manufactured apparatus for 45 years
- Fire Master Fire Equipment, Inc. has been servicing apparatus for over 50 years, including complete re-furbishing of apparatus, major repairs, as well as routine service
- Fire Master Fire Equipment, Inc. has been a Ferrara dealer and service provider since 2009

4. Service Provider's hours of operation and availability

- Emergency Contact 24 hours a day / 7 days a week
- Routine service 7:30 a.m. to 5:00 p.m. Monday through Friday

2049 E. Division - Springfield, MO 65803
(800) 641-4724 Toll Free – (417) 865-2174 Fax -Web Site: www.firemaster.com



Fire Master Fire Equipment, Inc.

*Sales & Service on New & Pre-Owned Fire Apparatus
Plus a Complete Line of Fire Fighting Equipment*



5. What support resources do you provide? On-line parts order, factory direct parts, etc...

- Ferrara Fire Apparatus provides access to factory direct parts but the majority of all parts on a Ferrara apparatus are commercially available through any vendor which eliminates the requirement for the **Neosho Fire Department** to purchase parts through Fire Master or Ferrara.

6. Availability and costs associated with mobile servicing in Neosho, Missouri

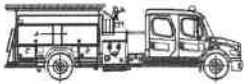
- Availability is dependent on the needed repair to the unit. Anything that takes the unit completely out of service will result in an expedited service call. In these instances, we typically provide mobile service within 6-8 hours.
- There is no additional cost associated with mobile service while the unit is under warranty.

7. Other relevant information

- Fire Master Fire Equipment, Inc. provides loaner apparatus to our customers at no cost in the event your apparatus is out of service for an extended period of time.

2049 E. Division - Springfield, MO 65803
(800) 641-4724 Toll Free – (417) 865-2174 Fax -Web Site: www.firemaster.com

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Fire Master Fire Equipment, Inc.

*Sales & Service on New & Pre-Owned Fire Apparatus
Plus a Complete Line of Fire Fighting Equipment*



Apparatus Contract

AGREEMENT- Made this ____ day of _____ 2023 between **Fire Master Fire Equipment, Inc.** (hereafter known as "Fire Master") and the **Neosho Fire Department** (Hereafter known as "BUYER") in accordance with the conditions written below and the specifications and addendum(s) attached, which are made part of this Contract. This agreement does not become binding until it is agreed to and accepted in writing and is properly signed by an officer of Fire Master Fire Equipment, Inc. and Ferrara Fire Apparatus, Inc.

TERMS OF PAYMENT- The Buyer agrees to purchase One (1) 2024 Ferrara Heavy Duty Extruded Aluminum Medium Duty Rescue Pumper mounted on a Commercial Freightliner M2-106 Chassis as per the HGAC FS19DL04 Contract for the total sum of Four Hundred Six Thousand, Seven Hundred Eight Dollars and 00/100 (\$406,708.00), excluding any taxes, to be paid in full, **UPON DELIVERY AND ACCEPTANCE OF THE APPARATUS**. The vehicle(s) shall not be released to the BUYER until payment is made. If the selling price is subject to any taxes, the taxes added will be that which are prevailing at the time of delivery.

Payment shall be made directly to **Fire Master Fire Equipment, Inc.** Payment shall be made in United States Currency. No checks or any other form of payment shall be made to any sales representatives, dealer, agents, etc.

IF THESE PAYMENT TERMS ARE NOT STRICTLY ADHERED TO, FIRE MASTER FIRE EQUIPMENT, INC. SHALL ASSESS A DAILY INTEREST CHARGE BASED ON AN ANNUAL PERCENTAGE RATE OF 18% ON THE UNPAID BALANCE. IF MORE THAN ONE VEHICLE IS COVERED BY THIS CONTRACT AND THE VEHICLES ARE SHIPPED ON DIFFERENT DATES, THE TERMS STATED ABOVE SHALL APPLY TO EACH VEHICLE.

DELIVERY- Delivery shall be F.O.B Neosho, Missouri within 780 calendar days after final signed approval package. Fire Master shall not be held liable for damages for failure to make deliveries as a result of fire, flood, riots, strikes, chassis shortages, or delays caused by its suppliers, any act of God or any other circumstances beyond Fire Master's control.

INSPECTION- The BUYER shall inspect the apparatus immediately upon delivery and shall give written notice of any defects with Ten (10) days. The vehicle(s) shall be deemed accepted if the BUYER fails to give such notice. The BUYER expressly waives any rights the BUYER may have to revoke acceptance after the Ten (10) day period.



Fire Master Fire Equipment, Inc.

*Sales & Service on New & Pre-Owned Fire Apparatus
Plus a Complete Line of Fire Fighting Equipment*



WARRANTY- Each vehicle manufactured by Ferrara Fire Apparatus, Inc. shall be warranted according to the provisions contained in the Ferrara Fire Apparatus, Inc. Warranty Certificate enclosed with the bid proposal package.

ASSIGNMENT- The rights and obligations of the BUYER under this Agreement shall not be assigned or transferred without the prior written consent of Fire Master and Ferrara Fire Apparatus, Inc.

AMENDMENT (S) - No modifications, alterations, additions, deletions, or any other changes in the terms hereof shall be binding on either party unless produced in writing and properly executed by a duly authorized officer of Fire Master and a representative of the BUYER.

NOTICES- All notices under this Agreement must be certified mail, return receipt requested.

GOVERNING LAW- This Agreement shall be constructed and interpreted, and its performance shall be governed by the laws of the state of Missouri.

AGREED this _____ day of _____ 2023.

Buyer:

(Authorized Signature for Buyer)

Printed:

Title:

Name, Address, & Phone Number of Fire Department:

Neosho Fire Department
Fire Chief Aaron Houk
125 North College Street
Neosho, Missouri 64850

Signed:

(Christopher B. Thompson, Territory Manager)



Fire Master Fire Equipment, Inc.

*Sales & Service on New & Pre-Owned Fire Apparatus
Plus a Complete Line of Fire Fighting Equipment*



Signed:

(Scott Shelton, President)

REQUESTED COUNCIL MEETING DATE: December 5, 2023

ITEM: Police Officer Body Cam Bid

ORIGINATING DEPARTMENT: Police Department

ATTACHMENT:

1. Bid Packet
 2. Final Price
-

PURPOSE:

To purchase a new body cam system for police officers

BACKGROUND:

A new body cam system replacing our outdated (no longer used) body cam system. Three prominent body cam companies were sent bid packets, and only one responded. Wolfcom. The final adjusted price after the removal of unwanted features is \$27,563.35. \$27,195 was budgeted. (\$368.35 Over budget). This cost includes 5 years of no-fault warranty, 5 years of maintenance, 10 more cams sent to the department after the first 3 years, server hardware/software, an 8-bay docking station, all backup and recovery services, all training, and shipping.

RECOMMENDATION:

Staff recommends we accept the bid from Wolfcom for the purchase of the body cam system.

**Police Body Camera System Bid Opening November 13,
2023 @ 10:00 a.m.**

**CITY OF NEOSHO,
MISSOURI
ATTN: CITY CLERK
203 East Main Street,
Neosho, MO 64850**

ORIGINAL

BID FOR CITY OF NEOSHO BODY WORN CAMERAS



October 31, 2023

CITY OF NEOSHO
203 E. MAIN ST.
NEOSHO, MO 64850
Phone: (417) 451-8050 Fax: (417) 451-8065

PRESENTED BY:
WOLFCOM®
1700 Lincoln Avenue
Pasadena, CA 91103
Office: (626) 794-9000
Fax: (626) 794-9015
Website: www.WolfcomUSA.com

POINT OF CONTACT:
Marko Kova
Senior Account Manager
Office: (626) 794-9000 Ext. 114
Fax: (626) 794-9015
marko@wolfcomglobal.com

BID FORM

Description:

This is a comprehensive On-Premises 10-Officer Commander Body Camera Package that provides coverage for the entire duration of your engagement. You can choose between a 1-year or 5-year package. It includes the full version of our web-based CJIS Compliant WEMS Enterprise for managing your digital evidence. Additionally, it comes with FREE Technical Support, Maintenance, and Online (Remote) Training. You'll also receive a 90-day free trial of our Commander Notation App. Details can be examined on the 'Additional Documents' section of this proposal.

Our packages include 10 Commander Body Cameras, docking solutions, 12TB On-Premises Storage, Backup Recovery Service and NAS for redundancy.

"This quote also includes COPS (Commander Online Platform System). With COPS, each user will have access to an SOS Lifesaving feature. When an officer presses the SOS button on their body camera, it sends live video and GPS location data to Dispatch. COPS also offers features like texting, live video streaming, officer location tracking, and PTT (Push to Talk) capability between body cameras and dispatch.

Projected start date: 10 to 15 business days after signing of agreement.

Price(s) for unit(s) meeting enclosed specifications:

F.O.B. Neosho, MO : **\$17,713.35 for 1-Year Coverage** (plus \$4200 annual recurring license maintenance cost) or **\$33,563.35 For 5-Year Coverage**
Note: Details for the Quotes are included as part of the 'Additional Documents' section.

Projected Shipping Date: **10 to 15 business days upon signed quote agreement**

After delivery - payment made on the third Tuesday of the month delivered

I certify that this bid on the stated piece(s) of equipment meets or exceeds the bid specifications (unless otherwise noted).

COMPANY: WOLFCOM Enterprises

ADDRESS: 1700 Lincoln Avenue, Pasadena, CA 91103

PHONE: 626-794-9000

EMAIL: marko@wolfcomglobal.com/dazzle@wolfcomglobal.com

BY: Marko Kova and Dazzle Lazarte

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of Los Angeles

On Nov 2nd, 2023 before me, Anh Pham, Notary Public
(insert name and title of the officer)

personally appeared Dazzle Legaspi Lazarte,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is are
subscribed to the within instrument and acknowledged to me that he she they executed the same in
his her their authorized capacity(ies), and that by his her their signature(s) on the instrument the
person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature

Anh Pham

(Seal)



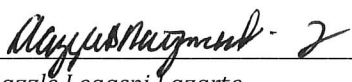
AFFIDAVIT of COMPLIANCE
Section 285.530.2

State of ~~Missouri~~ California) ss
County of Los Angeles)

Now this 30th day of October, 2023, the undersigned, being first duly sworn, deposes and says:

1. I am more than 18 years of age.
2. I make this affidavit from my personal knowledge of the facts stated herein or upon information and facts available to me as a duly authorized owner, partner, corporate or LLC officer or Human Relations Director **of WOLFCOM Enterprises.**
3. I am authorized to make this affidavit on behalf of **WOLFCOM Enterprises.**
4. I state and affirm that **WOLFCOM Enterprises** is enrolled and is (name of business entity, same as above) currently participating in E-Verify, a federal work authorization program or another equivalent electronic verification of work authorization program operated by the United States Department of Homeland Security under the Immigration Reform and Control Act of 1986.
5. Further, **WOLFCOM Enterprises** does not knowingly employ any person who is an unauthorized alien.
6. Further, **WOLFCOM Enterprises** has performed an electronic verification check as described above on all workers hired since January 1, 2009 or obtained documents required for completion of a federal I-9 form before it began participating in E-Verify.
7. Attached to this affidavit is a true and accurate copy of this company's Memorandum of Understanding with the United States concerning the use of E-Verify.

I certify under penalty of perjury that the statements above are complete, true and accurate to the best of my knowledge and belief.


Dazzle Legaspi Lazarte
Chief Operating Officer

If business has a Human Relations Director or equivalent that person must sign as an affiant as well.

I certify under penalty of perjury that the statements above are complete, true and accurate to the best of my knowledge and belief.

Dazzle Legaspi Lazarte
Dazzle Legaspi Lazarte
Chief Operating Officer, Human Relations Director

This form is promulgated pursuant to 15CSR 60-15-.020. Use of this form is not required but the Attorney General has deemed this affidavit sufficient in form to satisfy the requirements of section 285.540, RSMo., Supp. 2008

FURTHER THE AFFIANT SAYETH NOT

Dazzle Legaspi Lazarte
(Signature)

On this 2nd day of November in the year 2023, before me, Anh Pham a Notary Public in and for said State, personally appeared Dazzle Legaspi Lazarte known to me to be the person who executed the within affidavit, and acknowledged to me that he/she executed the same for the purposes therein stated.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal in the county and State aforesaid, the day and year first above written.

Anh Pham
Notary Public

My Commission Expires



Request for Taxpayer Identification Number and Certification

Give Form to the
requester. Do not
send to the IRS.

► Go to www.irs.gov/FormW9 for instructions and the latest information.

Print or type.
See Specific Instructions on page 3.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. WOLFCOM ENTERPRISES	
2 Business name/disregarded entity name, if different from above	
3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes. ☐ Individual/sole proprietor or single-member LLC ☐ C Corporation ☒ S Corporation ☐ Partnership ☐ Trust/estate ☐ Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ► _____ Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner. ☐ Other (see instructions) ► _____	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____ <i>(Applies to accounts maintained outside the U.S.)</i>
5 Address (number, street, and apt. or suite no.) See instructions. 1700 LINCOLN AVENUE	Requester's name and address (optional)
6 City, state, and ZIP code PASADENA, CA 91103	
7 List account number(s) here (optional)	

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number											
				-				-			
or											
Employer identification number											
9	0		-	0	1	1	6	5	3	5	

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign
Here

Signature of
U.S. person ► *Angelica Sabandal*

Date ► *10/30/2023*

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.

By signing the filled-out form, you:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
4. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting*, later, for further information.

Note: If you are a U.S. person and a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien;
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States;
- An estate (other than a foreign estate); or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax under section 1446 on any foreign partners' share of effectively connected taxable income from such business. Further, in certain cases where a Form W-9 has not been received, the rules under section 1446 require a partnership to presume that a partner is a foreign person, and pay the section 1446 withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid section 1446 withholding on your share of partnership income.

In the cases below, the following person must give Form W-9 to the partnership for purposes of establishing its U.S. status and avoiding withholding on its allocable share of net income from the partnership conducting a trade or business in the United States.

- In the case of a disregarded entity with a U.S. owner, the U.S. owner of the disregarded entity and not the entity;
- In the case of a grantor trust with a U.S. grantor or other U.S. owner, generally, the U.S. grantor or other U.S. owner of the grantor trust and not the trust; and
- In the case of a U.S. trust (other than a grantor trust), the U.S. trust (other than a grantor trust) and not the beneficiaries of the trust.

Foreign person. If you are a foreign person or the U.S. branch of a foreign bank that has elected to be treated as a U.S. person, do not use Form W-9. Instead, use the appropriate Form W-8 or Form 8233 (see Pub. 515, Withholding of Tax on Nonresident Aliens and Foreign Entities).

Nonresident alien who becomes a resident alien. Generally, only a nonresident alien individual may use the terms of a tax treaty to reduce or eliminate U.S. tax on certain types of income. However, most tax treaties contain a provision known as a "saving clause." Exceptions specified in the saving clause may permit an exemption from tax to continue for certain types of income even after the payee has otherwise become a U.S. resident alien for tax purposes.

If you are a U.S. resident alien who is relying on an exception contained in the saving clause of a tax treaty to claim an exemption from U.S. tax on certain types of income, you must attach a statement to Form W-9 that specifies the following five items.

1. The treaty country. Generally, this must be the same treaty under which you claimed exemption from tax as a nonresident alien.
2. The treaty article addressing the income.
3. The article number (or location) in the tax treaty that contains the saving clause and its exceptions.
4. The type and amount of income that qualifies for the exemption from tax.
5. Sufficient facts to justify the exemption from tax under the terms of the treaty article.

Example. Article 20 of the U.S.-China income tax treaty allows an exemption from tax for scholarship income received by a Chinese student temporarily present in the United States. Under U.S. law, this student will become a resident alien for tax purposes if his or her stay in the United States exceeds 5 calendar years. However, paragraph 2 of the first Protocol to the U.S.-China treaty (dated April 30, 1984) allows the provisions of Article 20 to continue to apply even after the Chinese student becomes a resident alien of the United States. A Chinese student who qualifies for this exception (under paragraph 2 of the first protocol) and is relying on this exception to claim an exemption from tax on his or her scholarship or fellowship income would attach to Form W-9 a statement that includes the information described above to support that exemption.

If you are a nonresident alien or a foreign entity, give the requester the appropriate completed Form W-8 or Form 8233.

Backup Withholding

What is backup withholding? Persons making certain payments to you must under certain conditions withhold and pay to the IRS 24% of such payments. This is called "backup withholding." Payments that may be subject to backup withholding include interest, tax-exempt interest, dividends, broker and barter exchange transactions, rents, royalties, nonemployee pay, payments made in settlement of payment card and third party network transactions, and certain payments from fishing boat operators. Real estate transactions are not subject to backup withholding.

You will not be subject to backup withholding on payments you receive if you give the requester your correct TIN, make the proper certifications, and report all your taxable interest and dividends on your tax return.

Payments you receive will be subject to backup withholding if:

1. You do not furnish your TIN to the requester,
2. You do not certify your TIN when required (see the instructions for Part II for details),
3. The IRS tells the requester that you furnished an incorrect TIN,
4. The IRS tells you that you are subject to backup withholding because you did not report all your interest and dividends on your tax return (for reportable interest and dividends only), or
5. You do not certify to the requester that you are not subject to backup withholding under 4 above (for reportable interest and dividend accounts opened after 1983 only).

Certain payees and payments are exempt from backup withholding. See *Exempt payee code*, later, and the separate Instructions for the Requester of Form W-9 for more information.

Also see *Special rules for partnerships*, earlier.

What is FATCA Reporting?

The Foreign Account Tax Compliance Act (FATCA) requires a participating foreign financial institution to report all United States account holders that are specified United States persons. Certain payees are exempt from FATCA reporting. See *Exemption from FATCA reporting code*, later, and the Instructions for the Requester of Form W-9 for more information.

Updating Your Information

You must provide updated information to any person to whom you claimed to be an exempt payee if you are no longer an exempt payee and anticipate receiving reportable payments in the future from this person. For example, you may need to provide updated information if you are a C corporation that elects to be an S corporation, or if you no longer are tax exempt. In addition, you must furnish a new Form W-9 if the name or TIN changes for the account; for example, if the grantor of a grantor trust dies.

Penalties

Failure to furnish TIN. If you fail to furnish your correct TIN to a requester, you are subject to a penalty of \$50 for each such failure unless your failure is due to reasonable cause and not to willful neglect.

Civil penalty for false information with respect to withholding. If you make a false statement with no reasonable basis that results in no backup withholding, you are subject to a \$500 penalty.

Criminal penalty for falsifying information. Willfully falsifying certifications or affirmations may subject you to criminal penalties including fines and/or imprisonment.

Misuse of TINs. If the requester discloses or uses TINs in violation of federal law, the requester may be subject to civil and criminal penalties.

Specific Instructions

Line 1

You must enter one of the following on this line; **do not** leave this line blank. The name should match the name on your tax return.

If this Form W-9 is for a joint account (other than an account maintained by a foreign financial institution (FFI)), list first, and then circle, the name of the person or entity whose number you entered in Part I of Form W-9. If you are providing Form W-9 to an FFI to document a joint account, each holder of the account that is a U.S. person must provide a Form W-9.

a. Individual. Generally, enter the name shown on your tax return. If you have changed your last name without informing the Social Security Administration (SSA) of the name change, enter your first name, the last name as shown on your social security card, and your new last name.

Note: ITIN applicant: Enter your individual name as it was entered on your Form W-7 application, line 1a. This should also be the same as the name you entered on the Form 1040/1040A/1040EZ you filed with your application.

b. Sole proprietor or single-member LLC. Enter your individual name as shown on your 1040/1040A/1040EZ on line 1. You may enter your business, trade, or "doing business as" (DBA) name on line 2.

c. Partnership, LLC that is not a single-member LLC, C corporation, or S corporation. Enter the entity's name as shown on the entity's tax return on line 1 and any business, trade, or DBA name on line 2.

d. Other entities. Enter your name as shown on required U.S. federal tax documents on line 1. This name should match the name shown on the charter or other legal document creating the entity. You may enter any business, trade, or DBA name on line 2.

e. Disregarded entity. For U.S. federal tax purposes, an entity that is disregarded as an entity separate from its owner is treated as a "disregarded entity." See Regulations section 301.7701-2(c)(2)(iii). Enter the owner's name on line 1. The name of the entity entered on line 1 should never be a disregarded entity. The name on line 1 should be the name shown on the income tax return on which the income should be reported. For example, if a foreign LLC that is treated as a disregarded entity for U.S. federal tax purposes has a single owner that is a U.S. person, the U.S. owner's name is required to be provided on line 1. If the direct owner of the entity is also a disregarded entity, enter the first owner that is not disregarded for federal tax purposes. Enter the disregarded entity's name on line 2, "Business name/disregarded entity name." If the owner of the disregarded entity is a foreign person, the owner must complete an appropriate Form W-8 instead of a Form W-9. This is the case even if the foreign person has a U.S. TIN.

Line 2

If you have a business name, trade name, DBA name, or disregarded entity name, you may enter it on line 2.

Line 3

Check the appropriate box on line 3 for the U.S. federal tax classification of the person whose name is entered on line 1. Check only one box on line 3.

IF the entity/person on line 1 is a(n) . . .	THEN check the box for . . .
• Corporation	Corporation
• Individual	Individual/sole proprietor or single-member LLC
• Sole proprietorship, or	
• Single-member limited liability company (LLC) owned by an individual and disregarded for U.S. federal tax purposes.	
• LLC treated as a partnership for U.S. federal tax purposes,	Limited liability company and enter the appropriate tax classification. (P= Partnership; C= C corporation; or S= S corporation)
• LLC that has filed Form 8832 or 2553 to be taxed as a corporation, or	
• LLC that is disregarded as an entity separate from its owner but the owner is another LLC that is not disregarded for U.S. federal tax purposes.	
• Partnership	Partnership
• Trust/estate	Trust/estate

Line 4, Exemptions

If you are exempt from backup withholding and/or FATCA reporting, enter in the appropriate space on line 4 any code(s) that may apply to you.

Exempt payee code.

- Generally, individuals (including sole proprietors) are not exempt from backup withholding.
- Except as provided below, corporations are exempt from backup withholding for certain payments, including interest and dividends.
- Corporations are not exempt from backup withholding for payments made in settlement of payment card or third party network transactions.
- Corporations are not exempt from backup withholding with respect to attorneys' fees or gross proceeds paid to attorneys, and corporations that provide medical or health care services are not exempt with respect to payments reportable on Form 1099-MISC.

The following codes identify payees that are exempt from backup withholding. Enter the appropriate code in the space in line 4.

1—An organization exempt from tax under section 501(a), any IRA, or a custodial account under section 403(b)(7) if the account satisfies the requirements of section 401(f)(2)

2—The United States or any of its agencies or instrumentalities

3—A state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities

4—A foreign government or any of its political subdivisions, agencies, or instrumentalities

5—A corporation

6—A dealer in securities or commodities required to register in the United States, the District of Columbia, or a U.S. commonwealth or possession

7—A futures commission merchant registered with the Commodity Futures Trading Commission

8—A real estate investment trust

9—An entity registered at all times during the tax year under the Investment Company Act of 1940

10—A common trust fund operated by a bank under section 584(a)

11—A financial institution

12—A middleman known in the investment community as a nominee or custodian

13—A trust exempt from tax under section 664 or described in section 4947

The following chart shows types of payments that may be exempt from backup withholding. The chart applies to the exempt payees listed above, 1 through 13.

IF the payment is for . . .	THEN the payment is exempt for . . .
Interest and dividend payments	All exempt payees except for 7
Broker transactions	Exempt payees 1 through 4 and 6 through 11 and all C corporations. S corporations must not enter an exempt payee code because they are exempt only for sales of noncovered securities acquired prior to 2012.
Barter exchange transactions and patronage dividends	Exempt payees 1 through 4
Payments over \$600 required to be reported and direct sales over \$5,000 ¹	Generally, exempt payees 1 through 5 ²
Payments made in settlement of payment card or third party network transactions	Exempt payees 1 through 4

¹ See Form 1099-MISC, Miscellaneous Income, and its instructions.

² However, the following payments made to a corporation and reportable on Form 1099-MISC are not exempt from backup withholding: medical and health care payments, attorneys' fees, gross proceeds paid to an attorney reportable under section 6045(f), and payments for services paid by a federal executive agency.

Exemption from FATCA reporting code. The following codes identify payees that are exempt from reporting under FATCA. These codes apply to persons submitting this form for accounts maintained outside of the United States by certain foreign financial institutions. Therefore, if you are only submitting this form for an account you hold in the United States, you may leave this field blank. Consult with the person requesting this form if you are uncertain if the financial institution is subject to these requirements. A requester may indicate that a code is not required by providing you with a Form W-9 with "Not Applicable" (or any similar indication) written or printed on the line for a FATCA exemption code.

A—An organization exempt from tax under section 501(a) or any individual retirement plan as defined in section 7701(a)(37)

B—The United States or any of its agencies or instrumentalities

C—A state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities

D—A corporation the stock of which is regularly traded on one or more established securities markets, as described in Regulations section 1.1472-1(c)(1)(i)

E—A corporation that is a member of the same expanded affiliated group as a corporation described in Regulations section 1.1472-1(c)(1)(i)

F—A dealer in securities, commodities, or derivative financial instruments (including notional principal contracts, futures, forwards, and options) that is registered as such under the laws of the United States or any state

G—A real estate investment trust

H—A regulated investment company as defined in section 851 or an entity registered at all times during the tax year under the Investment Company Act of 1940

I—A common trust fund as defined in section 584(a)

J—A bank as defined in section 581

K—A broker

L—A trust exempt from tax under section 664 or described in section 4947(a)(1)

M—A tax exempt trust under a section 403(b) plan or section 457(g) plan

Note: You may wish to consult with the financial institution requesting this form to determine whether the FATCA code and/or exempt payee code should be completed.

Line 5

Enter your address (number, street, and apartment or suite number). This is where the requester of this Form W-9 will mail your information returns. If this address differs from the one the requester already has on file, write NEW at the top. If a new address is provided, there is still a chance the old address will be used until the payor changes your address in their records.

Line 6

Enter your city, state, and ZIP code.

Part I. Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. If you are a resident alien and you do not have and are not eligible to get an SSN, your TIN is your IRS individual taxpayer identification number (ITIN). Enter it in the social security number box. If you do not have an ITIN, see *How to get a TIN* below.

If you are a sole proprietor and you have an EIN, you may enter either your SSN or EIN.

If you are a single-member LLC that is disregarded as an entity separate from its owner, enter the owner's SSN (or EIN, if the owner has one). Do not enter the disregarded entity's EIN. If the LLC is classified as a corporation or partnership, enter the entity's EIN.

Note: See *What Name and Number To Give the Requester*, later, for further clarification of name and TIN combinations.

How to get a TIN. If you do not have a TIN, apply for one immediately. To apply for an SSN, get Form SS-5, Application for a Social Security Card, from your local SSA office or get this form online at www.SSA.gov. You may also get this form by calling 1-800-772-1213. Use Form W-7, Application for IRS Individual Taxpayer Identification Number, to apply for an ITIN, or Form SS-4, Application for Employer Identification Number, to apply for an EIN. You can apply for an EIN online by accessing the IRS website at www.irs.gov/Businesses and clicking on Employer Identification Number (EIN) under Starting a Business. Go to www.irs.gov/Forms to view, download, or print Form W-7 and/or Form SS-4. Or, you can go to www.irs.gov/OrderForms to place an order and have Form W-7 and/or SS-4 mailed to you within 10 business days.

If you are asked to complete Form W-9 but do not have a TIN, apply for a TIN and write "Applied For" in the space for the TIN, sign and date the form, and give it to the requester. For interest and dividend payments, and certain payments made with respect to readily tradable instruments, generally you will have 60 days to get a TIN and give it to the requester before you are subject to backup withholding on payments. The 60-day rule does not apply to other types of payments. You will be subject to backup withholding on all such payments until you provide your TIN to the requester.

Note: Entering "Applied For" means that you have already applied for a TIN or that you intend to apply for one soon.

Caution: A disregarded U.S. entity that has a foreign owner must use the appropriate Form W-8.

Part II. Certification

To establish to the withholding agent that you are a U.S. person, or resident alien, sign Form W-9. You may be requested to sign by the withholding agent even if item 1, 4, or 5 below indicates otherwise.

For a joint account, only the person whose TIN is shown in Part I should sign (when required). In the case of a disregarded entity, the person identified on line 1 must sign. Exempt payees, see *Exempt payee code*, earlier.

Signature requirements. Complete the certification as indicated in items 1 through 5 below.

1. Interest, dividend, and barter exchange accounts opened before 1984 and broker accounts considered active during 1983. You must give your correct TIN, but you do not have to sign the certification.

2. Interest, dividend, broker, and barter exchange accounts opened after 1983 and broker accounts considered inactive during 1983. You must sign the certification or backup withholding will apply. If you are subject to backup withholding and you are merely providing your correct TIN to the requester, you must cross out item 2 in the certification before signing the form.

3. Real estate transactions. You must sign the certification. You may cross out item 2 of the certification.

4. Other payments. You must give your correct TIN, but you do not have to sign the certification unless you have been notified that you have previously given an incorrect TIN. "Other payments" include payments made in the course of the requester's trade or business for rents, royalties, goods (other than bills for merchandise), medical and health care services (including payments to corporations), payments to a nonemployee for services, payments made in settlement of payment card and third party network transactions, payments to certain fishing boat crew members and fishermen, and gross proceeds paid to attorneys (including payments to corporations).

5. Mortgage interest paid by you, acquisition or abandonment of secured property, cancellation of debt, qualified tuition program payments (under section 529), ABLE accounts (under section 529A), IRA, Coverdell ESA, Archer MSA or HSA contributions or distributions, and pension distributions. You must give your correct TIN, but you do not have to sign the certification.

What Name and Number To Give the Requester

For this type of account:	Give name and SSN of:
1. Individual	The individual
2. Two or more individuals (joint account) other than an account maintained by an FFI	The actual owner of the account or, if combined funds, the first individual on the account ¹
3. Two or more U.S. persons (joint account maintained by an FFI)	Each holder of the account
4. Custodial account of a minor (Uniform Gift to Minors Act)	The minor ²
5. a. The usual revocable savings trust (grantor is also trustee) b. So-called trust account that is not a legal or valid trust under state law	The grantor-trustee ¹ The actual owner ¹
6. Sole proprietorship or disregarded entity owned by an individual	The owner ³
7. Grantor trust filing under Optional Form 1099 Filing Method 1 (see Regulations section 1.671-4(b)(2)(i)(A))	The grantor*
For this type of account:	Give name and EIN of:
8. Disregarded entity not owned by an individual	The owner
9. A valid trust, estate, or pension trust	Legal entity ⁴
10. Corporation or LLC electing corporate status on Form 8832 or Form 2553	The corporation
11. Association, club, religious, charitable, educational, or other tax-exempt organization	The organization
12. Partnership or multi-member LLC	The partnership
13. A broker or registered nominee	The broker or nominee

For this type of account:	Give name and EIN of:
14. Account with the Department of Agriculture in the name of a public entity (such as a state or local government, school district, or prison) that receives agricultural program payments	The public entity
15. Grantor trust filing under the Form 1041 Filing Method or the Optional Form 1099 Filing Method 2 (see Regulations section 1.671-4(b)(2)(i)(B))	The trust

¹ List first and circle the name of the person whose number you furnish. If only one person on a joint account has an SSN, that person's number must be furnished.

² Circle the minor's name and furnish the minor's SSN.

³ You must show your individual name and you may also enter your business or DBA name on the "Business name/disregarded entity" name line. You may use either your SSN or EIN (if you have one), but the IRS encourages you to use your SSN.

⁴ List first and circle the name of the trust, estate, or pension trust. (Do not furnish the TIN of the personal representative or trustee unless the legal entity itself is not designated in the account title.) Also see *Special rules for partnerships*, earlier.

***Note:** The grantor also must provide a Form W-9 to trustee of trust.

Note: If no name is circled when more than one name is listed, the number will be considered to be that of the first name listed.

Secure Your Tax Records From Identity Theft

Identity theft occurs when someone uses your personal information such as your name, SSN, or other identifying information, without your permission, to commit fraud or other crimes. An identity thief may use your SSN to get a job or may file a tax return using your SSN to receive a refund.

To reduce your risk:

- Protect your SSN,
- Ensure your employer is protecting your SSN, and
- Be careful when choosing a tax preparer.

If your tax records are affected by identity theft and you receive a notice from the IRS, respond right away to the name and phone number printed on the IRS notice or letter.

If your tax records are not currently affected by identity theft but you think you are at risk due to a lost or stolen purse or wallet, questionable credit card activity or credit report, contact the IRS Identity Theft Hotline at 1-800-908-4490 or submit Form 14039.

For more information, see Pub. 5027, Identity Theft Information for Taxpayers.

Victims of identity theft who are experiencing economic harm or a systemic problem, or are seeking help in resolving tax problems that have not been resolved through normal channels, may be eligible for Taxpayer Advocate Service (TAS) assistance. You can reach TAS by calling the TAS toll-free case intake line at 1-877-777-4778 or TTY/TDD 1-800-829-4059.

Protect yourself from suspicious emails or phishing schemes.

Phishing is the creation and use of email and websites designed to mimic legitimate business emails and websites. The most common act is sending an email to a user falsely claiming to be an established legitimate enterprise in an attempt to scam the user into surrendering private information that will be used for identity theft.

The IRS does not initiate contacts with taxpayers via emails. Also, the IRS does not request personal detailed information through email or ask taxpayers for the PIN numbers, passwords, or similar secret access information for their credit card, bank, or other financial accounts.

If you receive an unsolicited email claiming to be from the IRS, forward this message to phishing@irs.gov. You may also report misuse of the IRS name, logo, or other IRS property to the Treasury Inspector General for Tax Administration (TIGTA) at 1-800-366-4484. You can forward suspicious emails to the Federal Trade Commission at spam@uce.gov or report them at www.ftc.gov/complaint. You can contact the FTC at www.ftc.gov/idtheft or 877-IDTHEFT (877-438-4338). If you have been the victim of identity theft, see www.IdentityTheft.gov and Pub. 5027.

Visit www.irs.gov/identitytheft to learn more about identity theft and how to reduce your risk.

Privacy Act Notice

Section 6109 of the Internal Revenue Code requires you to provide your correct TIN to persons (including federal agencies) who are required to file information returns with the IRS to report interest, dividends, or certain other income paid to you; mortgage interest you paid; the acquisition or abandonment of secured property; the cancellation of debt; or contributions you made to an IRA, Archer MSA, or HSA. The person collecting this form uses the information on the form to file information returns with the IRS, reporting the above information. Routine uses of this information include giving it to the Department of Justice for civil and criminal litigation and to cities, states, the District of Columbia, and U.S. commonwealths and possessions for use in administering their laws. The information also may be disclosed to other countries under a treaty, to federal and state agencies to enforce civil and criminal laws, or to federal law enforcement and intelligence agencies to combat terrorism. You must provide your TIN whether or not you are required to file a tax return. Under section 3406, payers must generally withhold a percentage of taxable interest, dividend, and certain other payments to a payee who does not give a TIN to the payer. Certain penalties may also apply for providing false or fraudulent information.

ADDITIONAL DOCUMENTS

- ✓ Executive Summary
- ✓ Company Experience and References
- ✓ Commander Body Camera Features and Technical Specifications
- ✓ WEMS and COPS Technical Specifications
- ✓ Server, Storage, and Network Specifications
- ✓ Detailed Quotes: 1-Year and 5-Year Commander Complete Body Camera Solution Packages

EXECUTIVE SUMMARY

WOLFCOM® is honored to present the CITY OF NEOSHO with our comprehensive turnkey Body Worn Camera System, featuring the WOLFCOM® Commander along with the WOLFCOM Evidence Management System (WEMS) and the WOLFCOM Commander Online Platform System (COPS).

WOLFCOM®, a California-based company, boasts over 20 years of experience in the technology and electronics industry. Since 2011, we have introduced six generations of body-worn camera systems, not only revolutionizing technology for law enforcement but also transforming the way evidence is collected and stored.

Our commitment extends to the development and enhancement of the features and capabilities of our proprietary evidence management software, the WOLFCOM® Evidence Management System (WEMS). With this, we offer more than just a body camera and evidence management and storage solution tailored to meet the needs of the CITY OF NEOSHO. We provide a comprehensive user experience for capturing, storing, and sharing video, audio, photos, and digital document evidence essential for crime prevention. Furthermore, our WOLFCOM Commander Online Platform System (COPS) offers live-streaming capabilities through an Unlimited Communication Plan, providing unlimited access to an Emergency Life-Alert SOS Button, Remote Live View, Tracking, and PTT.

In this formal response to your bid request, WOLFCOM® is pleased to present the WOLFCOM® Commander, WOLFCOM Evidence Management System, and COPS as part of an exceptionally cost-effective 1-year or 5-Year Plan, which includes:

Hardware	Software/Storage Service	Technical Support Services
WOLFCOM® Commander Body Camera	WOLFCOM® Evidence Management System (WEMS)	Unlimited Technical Support
		Virtual Training and Tutorials
Commander Docking Solutions	COPS (Commander Online Platform System) with Unlimited Communication Plan	No-fault Warranty for each WOLFCOM® Commander Camera for the duration of the contract <i>(excluding mounts and batteries)</i>

WOLFCOM Commander Body Camera + COPS and WEMS Implementation Project milestones will include: delivery of the hardware, setup and installation of software, support for hardware installation, user training; and post-implementation support to assist with any concerns and inquiries after set-up and installation phase.

One of the significant success factors that could impact the implementation of this proposal is having a dedicated contact person who will lead the project from the CITY OF NEOSHO's side to ensure the cooperation of agents from all involved parties external to WOLFCOM. A good line of communication is needed to ensure the project runs smoothly and completed within the proposed timeline.

Thank you for considering WOLFCOM®.

EXPERIENCE & REFERENCES

A. Experience

WOLFCOM has been in the business for over 20 years and helped birth the body-worn camera industry with the first body camera designed for law enforcement and military use – the WOLFCOM 3rd Eye. Today, WOLFCOM camera systems and storage solutions are used by over 2000 agencies in the US and in 35 countries.

WOLFCOM® is an official sole source supplier to the US military and DoD for Body Camera and Evidence Management System. Awarded a contract in 2019 (Contract # FA864919PA034), we work with military customers in developing, enhancing, and supplying the US Armed Forces with Body Camera Solution.

WOLFCOM employees undergo a set of strict security clearances in the onboarding process, which includes a CJIS background check, e-Verify and a Non-Disclosure Agreement that disallow employees from sharing intellectual property, even after their employment at WOLFCOM ends. Part of the onboarding includes company-wide and role-specific security training.

B. References



Contact Name: Sr. Airman Danielle Kerfeld
673rd Security Forces Squadron Air Force Joint
Base Elmendorf-Richardson (JBER)

Address:

8517 20th St., Suite 203, JBER, Alaska 99506

Phone Number: (507) 404-0075

Email: danielle.kerfeld@us.af.mil

Number of Cameras: Complete 60-man body camera solution that encompasses body cameras, mounting clips, WOLFCOM Evidence Management System (WEMS) and X2 Smart Docking Stations.

Active Years with WOLFCOM: 4 years, since April of 2018.



**EDDY
COUNTY
SHERIFF**

Contact Name: Sgt. Tim Howard
Eddy County Sheriff's Department NM

Address:

3300 W. Main Suite C., Artesia, NM 88210

Phone Number: (575) 200-9708

Email: thehoward@co.eddy.nm.us

Number of Cameras: Complete 62-man body camera solution that encompasses body cameras, mounting clips, WOLFCOM Evidence Management System (WEMS) and X2 Smart Docking Stations.

Active Years with WOLFCOM: 8 years, since December of 2014.



Contact Name: Lt. Bill Pike
Niles Police Department

Address:

15 E. State Street, Niles, OH 44446

Phone Number: (330) 652-9944 x600

Email: bpike@thecityofniles.com

Number of Cameras: Complete 33-man body camera solution and WOLFCOM Evidence Management System (WEMS) with On-Prem Client -Owned Storage Server.

Active Years with WOLFCOM: 4 years, since March 2018



Contact Name: Sgt. Rich Williams
Hardin County Sheriff's Office

Address:

1025 S Main Kenton, Ohio 43326

Phone Number: (419) 673-1268

Email: rwilliams@hardinsheriff.com

Number of Cameras: Complete 26-man body camera solution and WOLFCOM Evidence Management System (WEMS) with WOLFCOM On-Prem Server.

Active Years with WOLFCOM: 4 years, since January 2018

WOLFCOM Commander Police Body Camera

The Commander by WOLFCOM® is a cutting-edge Smart Android Body Camera System designed specifically for Law Enforcement. This innovative device elevates body camera technology by offering IoT connectivity through 4G/LTE, WiFi, Bluetooth, and GPS, providing a range of options including direct Cloud Storage, SOS Emergency Connect, Activation Triggers, Wireless Uploads, Real-time Location Tracking, Remote View, Live Streaming, and PTT (Push-To-Talk) communications via cellular networks.

The Commander includes built-in Night Vision Infrared LEDs that can be configured to activate automatically when entering low-light conditions. With a 140-degree wide-angle lens, officers can capture every detail with exceptional clarity. To ensure maximum comfort, fit, and wearability, the mounting clip can rotate a full 360 degrees, and magnetic mounts are also available for added convenience.

With a waterproof rating of IP68, the unit will remain operational even when submerged in water. An LCD display provides instant playback of recorded video as well as menu options for additional features.

The GPS location of each WOLFCOM® Commander Body camera can be tracked in real time on a map. Using our Remote View Software, one camera, or a fleet of cameras, can be monitored at any time. Watch live video footage of any Commander camera when your officers are out in the field. With our SOS Live Stream connect feature, Officers can relay live video footage including their GPS location to the station in the event of an emergency.



WOLFCOM Commander Police Body Camera Specifications

PRODUCT FEATURES	WOLFCOM COMMANDER
DIMENSION	103.7 mm x 62.6 mm x 18.3 mm
Screen Size	3.1 Inches, 480x800 IPS Touch Screen: Yes
Communication	4G/LTE Frequency: - GSM: 850/900/1800/1900 - WCDMA: 850/900/1900/2100 - EVDO: 800 - TDD-LTE: B34/B38/B39/B40/B41 - FDD-LTE: B1/B2/B3/B4/B5/B7/B8/B17/B20/B28AB Wi-Fi: 802.11 b/g/n Bluetooth: Version 4.2 GPS: Built-In
WEIGHT	175 grams
STORAGE	64GB
OPERATING CONDITIONS	Day and Night Video Recording/Photo Capture Between -20C° ~ 55C°
VIDEO RECORDING	Multiple Recording Resolution: 1920x1080P, 1280x720P, 640x480 at 30 FPS Field of View: >110 degrees Format: .MP4 Video Encoding / Playback: H.264

AUDIO	High Quality Built-in Microphone for Video Recording
PHOTO CAPTURE	Resolution: 2560x1950, 3264x2448, 4736x3552, 6528x4896 Format: JPEG Image Capture During Video Recording: Yes
NIGHT VISION IR	IR Light Automatically Activated in Low Light Condition with Up to 10 Meters of Visibility
RECORD LED	Front Button with LED Indicator
ACTIVATION PROMPT	Vibration, Speaker & LED Indicators when: - Turn On / Off the Body Camera - Start / Stop Recording Video or Capture Image - Battery Low
PRE-RECORD	Up to 60 Seconds
WATERMARK	Supports Setting for Watermark Stamp of User ID, Time and Date, and GPS Coordinate Embedded into Video and Picture
BATTERY	Type: Li-Ion 3.8v 3200mAh battery Estimated Battery Life Up to 15 Hours Depending on the Resolution and Setting
WATERPROOF AND DUSTPROOF IP RATING	IP68
Military Standard Certified	MIL-STD-810H Certified for 2 Meter Drop Test

PUSH-TO-TALK (PTT)	Yes
REPLACEABLE BATTERY	Yes
PUBLIC AWARENESS LIGHT	Yes
FLASHLIGHT / TORCH	Yes
SOS BUTTON	Yes (Optional). Allows user to send a distress signal or alert with a press of a button in case of emergencies or dangerous situations to dispatch at base.
NOTATION SYSTEM	Yes (Optional). Allows tagging and classification of files while officers are on the field.
WEAPON ACTIVATION	Yes (Optional). Automatic camera activation when a weapon is pulled from the holster.
WOLFCOM DOCKING STATION	Compatible with Single Docking Station and the 8-Slot Docking Station for charging. Can do wireless extraction of videos, images and data.
ENCRYPTION STANDARD	Supports Advanced Encryption Standard (AES) 256 Bit.
DATA PROTECTION FEATURE	Data access requires user credentials. Badge ID and password can be managed through the WEMS. Changes to settings are restricted until the camera is reconnected to the WEMS by an administrative resource. Users cannot modify or delete data stored in the camera, and access to view evidence files or alter bodycam settings is secured behind a configurable administrator password. Users will be unable to make changes without the appropriate rights and permissions.

EVIDENCE MANAGEMENT SYSTEM	Compatible with secured proprietary Digital Evidence Management System to manage and view file from the Body Camera where Users are required a User ID and Password to access the files. The Evidence Management System allows users to view, manage, and share evidence files based on custom user rights and permissions.
PTT, SOS Alert and Live Streaming	Supports Real-Time Monitoring and Livestreaming of Body Camera users back to dispatch. Has PTT, text, and voice communications between officers, supervisors, and dispatchers.
Warranty	5-year No-fault Warranty on Body Cameras, excluding clips and batteries, applicable on 5-Year Packages. Otherwise, 2-Year Warranty applies on Body Cameras.

SOFTWARE SOLUTIONS

WOLFCOM Evidence Management System (WEMS) with GPS Direct Technology

All videos uploaded through our Commander Wireless Extractor are efficiently managed using the WOLFCOM Evidence Management System (WEMS). Our new CJIS-Compliant WOLFCOM Evidence Management System is web-based and fully scalable for future needs, allowing easy access to WEMS from any browser within your network.

Our WEMS database system comes with two storage options: the On-Premises Storage Solution and the Cloud Storage Option. For this bid, we are offering you 12 TB On-Premises Solution with 12 TB NAS for Backup and Recovery. Pricing for WOLFCOM Cloud Storage can be provided upon request.

WOLFCOM Evidence Management System (WEMS) is a CJIS-Compliant, feature-rich, and user-friendly software utilized by numerous law enforcement and public safety agencies worldwide, including the USAF, Police Departments, Sheriff Offices, EMS, and private security agencies. WEMS simplifies file management for officers, enabling them to handle videos, audios, photos, and documents through an intuitive and user-friendly interface. Users with appropriate rights and privileges can generate audit trail reports, view, tag, and verify the integrity of assets, and automatically adhere to departmental retention policies for file archiving and purging.

When using your WOLFCOM Commander camera with the Commander Online Platform System (COPS) Communication Plan, WOLFCOM Evidence Management System (WEMS) can overlay GPS Geotag stamps, displaying longitude and latitude coordinates on every frame of video and picture files. As you review videos on our WOLFCOM Evidence Management System, you'll witness the video's route on a map alongside it, with the dot on the map moving in sync with the video. This feature is invaluable for reviewing pursuit videos, providing a real-time visual of the exact route taken during the chase. You can also switch between regular map view and Satellite View, displaying actual satellite images of the surrounding areas.

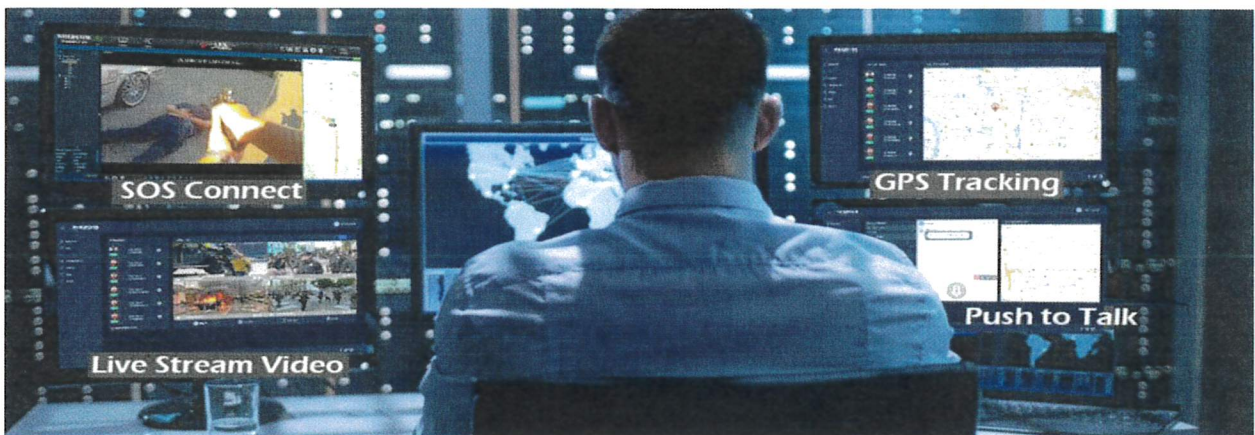
WOLFCOM Evidence Management System (WEMS) Specifications

MODULES	FEATURES / FUNCTIONS	MODULES	FEATURES / FUNCTIONS
Dashboard	- Quick Access Widgets - Quick Analytics and Report - Custom Widgets (On-demand)	Camera Management	- Device Inventory - Device Status and Condition tracking - Import Devices - Export Devices - Assign Device via QR Code
Digital Evidence Storage	- Cases - Favorites - Bookmarks - Photos - Videos - Audios - Documents - Shared Files	Access Control	- User Management - Role Management - Group Management - Permission Management - Active Directory and LDAP Integration - User Activity Report generation - Assign User via QR Code
Digital Evidence Management	- File Listing (List View and Grid View) - Quick Search and Sort - Upload Files - Download Files - Edit Metadata - Audit Report - Burn to ISO - Share Files - Export Metadata - Add/Remove Favorites - Batch Actions (Download, Delete, Audit Report and Burn to ISO) - Custom Metadata fields (up to 5 extra metadata fields) - Case Notes - Document Preview	Retention Module	- Add and Manage Retention Policies - Automated Retention Policy Scheduling and Triggers - Archive Policy - Purge Policy
		Redaction	- Standard Redaction - Automatic Redaction (Optional \$1,200 Annually)
		Languages	- English - Spanish - Thai
		Analytics and Support	- Quick Reports - Advanced Analytics - Custom Reports (On demand) - Print Report - Export Reports - Online User Guide and Wiki - Video Tutorials - Create Support Tickets & Send Feedback - System Update Notifications
Video Tools	- Bookmark - Snapshot - Crop Video - Merge Video - GPS Map - Standard Redaction - Automated Redaction (Optional) - Advanced Video Editing tools (Optional) - Automated Transcriptions (Optional) - Facial Recognition (Optional)	Search	- Basic Keyword search - Advanced and Filtered Search
Security Module	- Encryption SHA2 256 bit Hash - Automated Event logging (All system actions) - Display Activity Logs - Search Activity Logs - Export Activity Logs - Verify File Authenticity (SHA 256 String or File Upload) - Download / Print File Authenticity Certificate - Multi-factor Authentication	Settings	- Add System Language pack - Switch System Language - Database Configuration - Web App Configuration - Picklist Editor - License / Activation - E mail Notifications

Commander Online Platform System (COPS)

The WOLFCOM Commander Online Platform System (COPS) enables dispatch to monitor live video feeds from any Commander camera while your officers are in the field. In the event of an emergency, officers can activate our Emergency SOS Connect Feature. With a simple push of a button, an officer's Commander camera will initiate a distress call, transmitting live video and GPS coordinates directly to the dispatch center. Each Commander Camera can be tracked in real-time on a map. Using COPS, one camera or a group of cameras can simultaneously livestream back to dispatch. Moreover, it facilitates communication with individual officers or groups of officers through the Push-To-Talk (PTT) button.

COPS is accompanied by an Unlimited Connection Plan, allowing for uninterrupted livestreaming without data caps and providing unlimited access to features such as the Emergency Life-Alert SOS Button, Remote Live View, Tracking, and PTT communication.



SERVER AND STORAGE

WEMS System Minimum Server Requirements (Provided by WOLFCOM)

Hardware & OS Requirements:

- Operating System: Will only work with; Windows 10 Pro and Enterprise (64-bit only), Windows Server 2016 (64-bit only)
Note: WEMS will not work with any Windows HOME edition operating systems or any
- Windows 32-bit operating systems or any version of Windows older than Windows 10"
- CPU / Memory: Minimum 2.4GHz DC / 8GB RAM
- Hard Drive: Minimum 256GB (SSD Hard Drives recommended)
- File Storage: Internal Hard Drive or NAS/SAN Storage (Hard Drive capacity selected based on customers storage requirement or based on solution package)
- Graphics: VGA Adapter
- Network: Dual 1GbE NIC (Teaming Capable)
- Display: Minimum 1024x768 Resolution Monitor
- USB Ports: Minimum 3 x USB 2.0 ports (USB 3.0 recommended)
- Application Size: Less than 500MB
- BIOS: Enable Virtualization

Software & Network Requirements (Provided by WOLFCOM):

Virtual Machine:

- Enable Hyper-V
- Enable Hyper-V Management Tools
- Enable Hyper-V Platform

Network/Firewall:

- WEMS requires certain ports on your firewall to be allowed. The following ports are required to be open on the server
- Web: 80, 8081
- Database: 5432
- Storage: 139 and 445
- SFTP: 21 and 22
- WEMS Service: 8381 and 8383
- The firewall must allow SQL Server, Web Server, and file-sharing traffic.
- The server should have a static (fixed) IP address when registered to the network. The IP address of the Server should not change at any time.

Browser (on client machines to Access WEMS Web App):

- Microsoft Edge (latest stable version)
- Firefox (latest stable version)
- Chrome (latest stable version) -> Recommended
- Safari (latest stable version)

Note: WEMS Web app does not support Internet Explorer

Media Players:

- Apple QuickTime 7 or later-Windows &
- TV player 10 or later (only for Windows 10)
- VLC v2 or later
- Flash 10

Client PC Minimum Requirements (Provided by City of Neosho):

Hardware & OS Requirements:

- Operating System: Will only work with; Windows 10 Pro and Enterprise (64-bit only), Windows Server 2016 (64-bit only) Operating System: Windows 10 Pro, 10 Enterprise (64-bit only) WEMS will not work with any Windows HOME edition operating systems or any Windows 32-bit operating systems or any version of Windows older than Windows 10
- CPU / Memory: Minimum 2.4GHz DC / 4GB RAM
- Hard Drive: Minimum 100GB
- Video/image Storage: Not Required (All files stored directly in Server)
- Graphics: Intel HD 4000, NVidia or AMD GPU adapter
- Network: 1GbE
- Display: 17" 1080P Monitor (1920x1200 recommended)
- USB Ports: Minimum 3 x USB 2.0 ports (USB 3.0 recommended)
- Application Size: Less than 50MB
- Net Runtime: Latest version of 4x
- Optional: DVD writer (dual layer/Blu-ray burners supported) Internet

Storage and Bandwidth Requirements (Provided by City of Neosho)

The table below details storage and network bandwidth requirements based on different tiers of users/cameras.

----- IMPORTANT -----

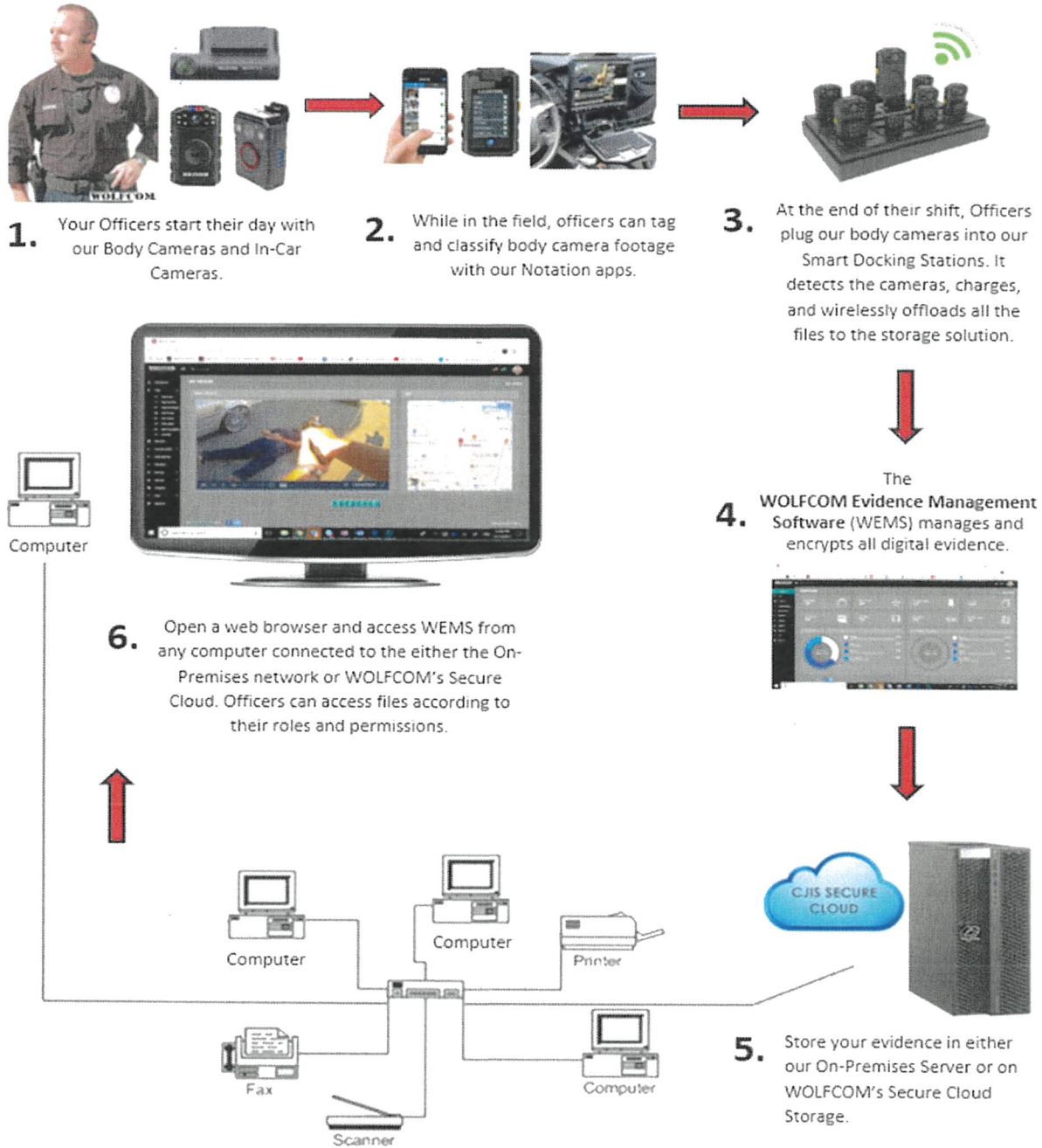
- WEMS file storage can only be set to a physically mounted Disk Drive in your Server or PC, Virtual and Mapped Drives are NOT SUPPORTED.
- NAS and SAN drives must be mounted as a iSCSI drive.

No. of Cameras	Storage Size	Minimum Internet Bandwidth
10 to 20	12TB	100 Mbps

SYSTEM OVERVIEW

WOLFCOM's Complete Body Camera Solution

A Professional Solution That's Secure, Reliable and Easy to use.



Scope of Work

Scope of work on this proposal is as follows:

- Supply of the hardware and software items as per signed quotation.
- The client shall provide with network connectivity for all cameras and stations.
- WOLFCOM provides full online training on the system.
- Technical Support for five years, excluding issues on third party-provided server/client PCs and storage-related issues.
- Warranty for first batch of body-worn cameras for 2 years, and for the 2nd batch of cameras on the third year for another 2 years, total coverage of 5 years no-fault coverage for your Commander Body-Worn cameras.

Excluded:

- Any point which has not been mentioned in above scope of work.
- Networking setup is out of scope of this proposal.
- Hardware On-site Installation / Cabling is out of scope.

Project delivery

Delivery time of the project will be within 10–15 business days from date of signing the contract.

Validity of Quotes

Validity of this proposal is 90 days from 11/02/2023.

QUOTATION DETAILS (4 pages) 1-Year Contract \$17,713.35

QUOTATION DETAILS (5 pages) 5-Year Contract \$33,563.35



WOLFCOM®

"Because Cops Deserve the Best"

www.WolfcomUSA.com

QUOTE

SQ-00013013



Customer Name Neosho Police
Customer Address Line 201 N. College St.
Customer City Neosho
Customer State/Region MO
Customer Country United States

Created By Marko
Quote Date 11/02/2023
Expires 12/02/2023
Tax ID Number 90-0116535
DUNS Number 185957425
Cage Code 722M6

Image	Item Code	Description	Comments	Qty	Sales Price	Discounted Pr	Total
	0181	Commander 2.0 Smart Body Camera System with 360-Degree Clip	2-Year No Fault Warranty	10.00	799.00	443.29	4,432.85
	0183	Commander 2.0: 8-slot Docking Port	1-Year Warranty	1.00	650.00	650.00	650.00
	0182	Commander 2.0: Single Dock Charging Port	1-Year Warranty	2.00	125.00	0.00	0.00
	0134	UPS (Universal Power Supply)	1-Year Warranty. Free for use with your 8-port dock.	1.00	99.00	0.00	0.00
	0040	WOLFCOM Storage Solution- 12TB	3-Year Warranty	1.00	7,000.00	6,612.50	6,612.50
	0077	LCD Monitor for WEMS Workstation		1.00	200.00	0.00	0.00

	0078	Keyboard			1.00	35.00	0.00	0.00
	0079	Mouse			1.00	15.00	0.00	0.00
	0009	WEMS WOLFCOM Evidence Management Solution System			10.00	250.00	250.00	2,500.00
	0164	12TB NAS for External Storage Hard Drive Backup. Used with our Backup & Recovery Service.	1-Year Warranty.		1.00	1,500.00	1,500.00	1,500.00
	0055	Backup and Recovery Service. In the event of a disaster, our recovery service will kick-in and we will restore your files to your new server/workstation.	Annual Fee.		1.00	500.00	500.00	500.00
	0029	"COPS" Commander Online Platform System	PAID by WOLFCOM		1.00	5,000.00	0.00	0.00
	0030	Commander: Dispatch license License to log into COPS. Annual fee	PAID by WOLFCOM		1.00	150.00	0.00	0.00
	0070	L1 Communication Package Live Streaming, GPS Tracking, Emergency SOS Connect, PTT Push to Talk. Nationwide Coverage.	Annual Service		10.00	120.00	120.00	1,200.00
	0061	Commander Notation System. Playback, Review, Tag, Classify and enter both Voice and Text Notations to videos and photos. Syncs to WEMS	90-Day Free trial.		10.00	50.00	0.00	0.00
	0043	MDT-Mobile Client Software installed in your vehicles to Tag, Classify, & Notate BWC video footage. Saves you thousands of dollars per year in Overtime Pay. \$99 per year per vehicle. Cancel anytime.	90-Day Free trial.		10.00	50.00	0.00	0.00



0081	Technical Support Plan Includes FREE Technical Support during your WEMS activation period. Covers any assistance with WEMS, COPS, ASR, Body Cameras, and Training, Does not cover Data Migration or Backup Recovery Requests.	1.00	1,200.00	0.00	0.00
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0084	Training	1.00	1,500.00	0.00	0.00
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0160	RMA Forward Program	1.00	495.00	0.00	0.00
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Shipping

Price

Shipping

318.00

Sub Total	17,395.35
Shipping	318.00
Tax Total	0.00
Total	17,713.35

Comments: This is a complete On-Premises 10-Officer Commander body camera package that covers you for 1-Year. It includes the full version of our Web-based CJIS Compliant WEMS Enterprise to manage your digital evidence. Also included is FREE Technical Support, Maintenance, and Online (Remote) Training and 90-day free trial for our Commander Notation App.

We are including a 12TB Workstation with Backup Recovery service and NAS for redundancy.

This quote also includes COPS (Commander Online Platform System). With COPS comes each user will have an SOS Lifesaving feature that will send live video and GPS location to Dispatch from an Officers body camera when he/she presses the SOS button on the camera. COPS allows you to Text, Stream Live Video, Track the location of each officer, and have PTT Push to Talk capability between body cameras and dispatch. Please reach out to your Account Manager should you want this feature to be added.

Your Yearly Cost After the 1st Year:

- 1) 10 Qty WEMS (\$250) = \$2,500 Total
- 2) 10 Qty COPS L1 (\$120) = \$1,200 Total
- 3) Backup Recovery Service = \$500
- Grand Total Yearly Cost = \$4,200 Per year

Note: Optional recommended feature not included in this quote is the COPS (Commander Online Platform System) with

an SOS Lifesaving feature that will send live video and GPS location to Dispatch from an Officers body camera when he/she presses the SOS button on the camera. With COPS you'll be able to Text, Stream Live Video, Track the location of each officer, and have PTT Push to Talk capability between body cameras and dispatch. Please reach out to your Account Manager should you want this feature to be added.

By signing below, you are officially placing your order and agree to the terms set forth below. WOLFCOM Enterprises (WOLFCOM®, we, us, or our) and the agency you represent, agree to all terms of the agreement effective on the date below. Hardware means all body cameras, workstations, servers, docking stations and does not include accessories such as cables, mounts, clips, or attachments.

1. **Payment:** Payment is due within 30 days of receipt of the products. A 2% late payment fee will be applied each month after the first 30 days.
2. **Made to Order:** This quotation will be made to order and is considered customized work that is tailored to your specific agency. All sales are final on all customized orders.
3. **Backup recovery:** if you did not purchase backup & recovery (on-premises storage only) with this order then you understand that in the event of a disaster, fire, flood, theft, hard drive failure, etc., your data may be unrecoverable. WOLFCOM is not responsible for lost data. We recommend purchasing backup and recovery with your order.
4. **Warranties:** The minimum warranty period for all hardware is 12 months unless otherwise stated and is non-transferable. We will repair or replace hardware with new or refurbished units at our discretion. Refurbished units may contain scratches or dents equivalent to the units we are replacing. For warranty/repair service, you agree to pay shipping cost to us, and we will cover the cost back to you. Damage to hardware USB ports is not covered under warranty.
5. **Acceptance:** You agree to purchase our products with its current specifications, features and functions. Any expectation beyond its current abilities are not grounds for a refund and will be accepted as feedback. Any expectation or requirement for our products to perform beyond its capability or any request or demand to change or upgrade the product, it's firmware, or any features and functions will be considered "Customized Work" and we will provide a quotation to you requiring full payment in advance to begin work

By signing below, I hereby swear that I have full authority to sign this agreement on behalf of my Agency.

I understand that the full and complete text of WOLFCOM's Warranties & Return policy can be found at www.WolfcomUSA.com/wolfcom-return-policy

Agency Name: _____ v

Signature: _____ **Title:** _____

Print Name: _____ **Purchase Order Number (Optional)** _____



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"Because Cops Deserve the Best"

www.WolfcomUSA.com

QUOTE

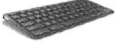
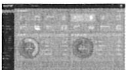
SQ-00012995

Customer Name Neosho Police
Customer Address Line 201 N. College St.
Customer City Neosho
Customer State/Region MO
Customer Country United States



Created By Marko
Quote Date 10/26/2023
Expires 11/26/2023
Tax ID Number 90-0116535
DUNS Number 185957425
Cage Code 722M6

Image	Item Code	Description	Comments	Qty	Sales Price	Discounted Pr	Total
	0181	Commander 2.0 Smart Body Camera System with 360-Degree Clip	No-fault warranty on cameras, excluding clips and accessories. 1st batch of cameras' warranty expires upon shipment of the 2nd batch of the cameras.	10.00	799.00	443.29	4,432.85
	0189	Commander 2.0 3rd Year Free Body Camera	Delivered in Year 3 FREE 2-Year No Fault Warranty	10.00	0.00	0.00	0.00
	0017	Commander: 8-slot Docking Port	1-Year Warranty.	1.00	650.00	650.00	650.00
	0018	Commander: Single Dock Charging Port	1-Year Warranty.	2.00	125.00	0.00	0.00
	0134	UPS (Universal Power Supply)	1-Year Warranty. Free for use with your 8-port dock.	1.00	99.00	0.00	0.00

	0040	WOLFCOM Storage Solution- 12TB	3-Year Warranty.	1.00	7,000.00	5,612.50	5,612.50
	0077	LCD Monitor for WEMS Workstation		1.00	200.00	0.00	0.00
	0078	Keyboard		1.00	35.00	0.00	0.00
	0079	Mouse		1.00	15.00	0.00	0.00
	0009	WEMS WOLFCOM Evidence Management Solution System	Year 1	10.00	250.00	250.00	2,500.00
	0009	WEMS WOLFCOM Evidence Management Solution System	Year 2	10.00	250.00	250.00	2,500.00
	0009	WEMS WOLFCOM Evidence Management Solution System	Year 3	10.00	250.00	250.00	2,500.00
	0009	WEMS WOLFCOM Evidence Management Solution System	Year 4	10.00	250.00	250.00	2,500.00
	0009	WEMS WOLFCOM Evidence Management Solution System	Year 5	10.00	250.00	250.00	2,500.00
	0164	12TB NAS for External Storage Hard Drive Backup. Used with our Backup & Recovery Service.	1-Year Warranty.	1.00	1,500.00	1,500.00	1,500.00

	0055	Backup and Recovery Service. In the event of a disaster, our recovery service will kick-in and we will restore your files to your new server/workstation.	Year 1	1.00	500.00	500.00	500.00
	0055	Backup and Recovery Service. In the event of a disaster, our recovery service will kick-in and we will restore your files to your new server/workstation.	Year 2	1.00	500.00	500.00	500.00
	0055	Backup and Recovery Service. In the event of a disaster, our recovery service will kick-in and we will restore your files to your new server/workstation.	Year 3	1.00	500.00	500.00	500.00
	0055	Backup and Recovery Service. In the event of a disaster, our recovery service will kick-in and we will restore your files to your new server/workstation.	Year 4	1.00	500.00	500.00	500.00
	0055	Backup and Recovery Service. In the event of a disaster, our recovery service will kick-in and we will restore your files to your new server/workstation.	Year 5	1.00	500.00	500.00	500.00
	0029	"COPS" Commander Online Platform System	PAID by WOLFCOM	1.00	5,000.00	0.00	0.00
	0030	Commander: Dispatch license License to log into COPS. Annual fee	PAID by WOLFCOM	1.00	150.00	0.00	0.00
	0070	L1 Communication Package Live Streaming, GPS Tracking, Emergency SOS Connect, PTT Push to Talk. Nationwide Coverage.	Year 1	10.00	120.00	120.00	1,200.00
	0070	L1 Communication Package Live Streaming, GPS Tracking, Emergency SOS Connect, PTT Push to Talk. Nationwide Coverage.	Year 2	10.00	120.00	120.00	1,200.00
	0070	L1 Communication Package Live Streaming, GPS Tracking, Emergency SOS Connect, PTT Push to Talk. Nationwide Coverage.	Year 3	10.00	120.00	120.00	1,200.00



0070

L1 Communication Package
Live Streaming, GPS Tracking,
Emergency SOS Connect, PTT Push to
Talk. Nationwide Coverage.

Year 4

10.00

120.00

120.00

1,200.00



0070

L1 Communication Package
Live Streaming, GPS Tracking,
Emergency SOS Connect, PTT Push to
Talk. Nationwide Coverage.

Year 5

10.00

120.00

120.00

1,200.00



0061

Commander Notation System. Playback,
Review, Tag, Classify and enter both
Voice and Text Notations to videos and
photos. Syncs to WEMS

90-Day Free
trial.

10.00

50.00

0.00

0.00



0043

MDT-Mobile Client Software installed in
your vehicles to Tag, Classify, & Notate
BWC video footage. Saves you thousands
of dollars per year in Overtime Pay. \$99
per year per vehicle. Cancel anytime.

90-Day Free
trial.

10.00

50.00

0.00

0.00



0081

Technical Support Plan
Includes FREE Technical Support during
your WEMS activation period. Covers any
assistance with WEMS, COPS, ASR,
Body Cameras, and Training, Does not
cover Data Migration or Backup Recovery
Requests.

1.00

1,200.00

0.00

0.00



0084

Training

1.00

1,500.00

0.00

0.00



0160

RMA Forward Program

1.00

495.00

0.00

0.00



0121

No Fault Warranty.

No-fault
warranty on
cameras,
excluding
clips and
accessories.
1st batch of
cameras'
warranty
expires upon
shipment of
the 2nd batch
of the
cameras.

1.00

199.00

0.00

0.00

Shipping

Price

Shipping

368.00

Sub Total	33,195.35
Shipping	368.00
Tax Total	0.00
Total	33,563.35

Comments: This is a complete On-Premises 10-Officer Commander body camera package that that covers you for 5 years. It includes the full version of our Web-based CJIS Compliant WEMS Enterprise to manage your digital evidence. Also included is FREE Technical Support, Maintenance, and Online (Remote) Training and 90-day free trial for our Commander Notation App.

You will receive 10 Commander body cameras in your first year, and another 10 FREE Commander body cameras in your third year. This will give you a total of 20 Total Commanders for your 10 Officers within the first 3 Years. Each BWC shipment is on a 2-3 Year No Fault Warranty, or 5 Year No Fault Warranty together.

We are including a 12TB Workstation with Backup Recovery service and NAS for redundancy.

This quote also includes COPS (Commander Online Platform System). With COPS comes each user will have an SOS Lifesaving feature that will send live video and GPS location to Dispatch from an Officers body camera when he/she presses the SOS button on the camera. COPS allows you to Text, Stream Live Video, Track the location of each officer, and have PTT Push to Talk capability between body cameras and dispatch. Please reach out to your Account Manager should you want this feature to be added.

By signing below, you are officially placing your order and agree to the terms set forth below.

WOLFCOM Enterprises (WOLFCOM®, we, us, or our) and the agency you represent, agree to all terms of the agreement effective on the date below. Hardware means all body cameras, workstations, servers, docking stations and does not include accessories such as cables, mounts, clips, or attachments.

1. Payment: Payment is due within 30 days of receipt of the products. A 2% late payment fee will be applied each month after the first 30 days.
2. Made to Order: This quotation will be made to order and is considered customized work that is tailored to your specific agency. All sales are final on all customized orders.
3. Backup recovery: if you did not purchase backup & recovery (on-premises storage only) with this order then you understand that in the event of a disaster, fire, flood, theft, hard drive failure, etc., your data may be unrecoverable. WOLFCOM is not responsible for lost data. We recommend purchasing backup and recovery with your order.
4. Warranties: The minimum warranty period for all hardware is 12 months unless otherwise stated and is non-transferable. We will repair or replace hardware with new or refurbished units at our discretion. Refurbished units may contain scratches or dents equivalent to the units we are replacing. For warranty/repair service, you agree to pay shipping cost to us, and we will cover the cost back to you. Damage to hardware USB ports is not covered under warranty.
5. Acceptance: You agree to purchase our products with its current specifications, features and functions. Any expectation beyond its current abilities are not grounds for a refund and will be accepted as feedback. Any expectation or requirement for our products to perform beyond its capability or any request or demand to change or upgrade the product, it's firmware, or any features and functions will be considered "Customized Work" and we will provide a quotation to you requiring full payment in advance to begin work

By signing below, I hereby swear that I have full authority to sign this agreement on behalf of my Agency.

I understand that the full and complete text of WOLFCOM's Warranties & Return policy can be found at www.WolfcomUSA.com/wolfcom-return-policy

Agency Name: _____ v

Signature: _____ Title: _____

Print Name: _____ Purchase Order Number (Optional) _____



WOLFCOM®

"Because Cops Deserve the Best"

www.WolfcomUSA.com

QUOTE

SQ-00013062

Customer Name Neosho Police
Customer Address Line 201 N. College St.
Customer City Neosho
Customer State/Region MO
Customer Country United States



Created By Marko
Quote Date 11/27/2023
Expires 12/27/2023
Tax ID Number 90-0116535
DUNS Number 185957425
Cage Code 722M6

Image	Item Code	Description	Comments	Qty	Sales Price	Discounted Pr	Total
	0181	Commander 2.0 Smart Body Camera System with 360-Degree Clip	No-fault warranty on cameras, excluding clips and accessories. 1st batch of cameras' warranty expires upon shipment of the 2nd batch of the cameras.	10.00	799.00	443.29	4,432.85
	0189	Commander 2.0 3rd Year Free Body Camera	Delivered in Year 3 FREE 2-Year No Fault Warranty	10.00	0.00	0.00	0.00
	0017	Commander: 8-slot Docking Port	1-Year Warranty.	1.00	650.00	650.00	650.00
	0018	Commander: Single Dock Charging Port	1-Year Warranty.	2.00	125.00	0.00	0.00
	0134	UPS (Universal Power Supply)	1-Year Warranty. Free for use with your 8-port dock.	1.00	99.00	0.00	0.00

	0040	WOLFCOM Storage Solution- 12TB	3-Year Warranty.	1.00	7,000.00	5,612.50	5,612.50
	0077	LCD Monitor for WEMS Workstation		1.00	200.00	0.00	0.00
	0078	Keyboard		1.00	35.00	0.00	0.00
	0079	Mouse		1.00	15.00	0.00	0.00
	0009	WEMS WOLFCOM Evidence Management Solution System	Year 1	10.00	250.00	250.00	2,500.00
	0009	WEMS WOLFCOM Evidence Management Solution System	Year 2	10.00	250.00	250.00	2,500.00
	0009	WEMS WOLFCOM Evidence Management Solution System	Year 3	10.00	250.00	250.00	2,500.00
	0009	WEMS WOLFCOM Evidence Management Solution System	Year 4	10.00	250.00	250.00	2,500.00
	0009	WEMS WOLFCOM Evidence Management Solution System	Year 5	10.00	250.00	250.00	2,500.00
	0164	12TB NAS for External Storage Hard Drive Backup. Used with our Backup & Recovery Service.	1-Year Warranty.	1.00	1,500.00	1,500.00	1,500.00



0055

Backup and Recovery Service. In the event of a disaster, our recovery service will kick-in and we will restore your files to your new server/workstation.

Year 1

1.00

500.00

500.00

500.00



0055

Backup and Recovery Service. In the event of a disaster, our recovery service will kick-in and we will restore your files to your new server/workstation.

Year 2

1.00

500.00

500.00

500.00



0055

Backup and Recovery Service. In the event of a disaster, our recovery service will kick-in and we will restore your files to your new server/workstation.

Year 3

1.00

500.00

500.00

500.00



0055

Backup and Recovery Service. In the event of a disaster, our recovery service will kick-in and we will restore your files to your new server/workstation.

Year 4

1.00

500.00

500.00

500.00



0055

Backup and Recovery Service. In the event of a disaster, our recovery service will kick-in and we will restore your files to your new server/workstation.

Year 5

1.00

500.00

500.00

500.00



0061

Commander Notation System. Playback, Review, Tag, Classify and enter both Voice and Text Notations to videos and photos. Syncs to WEMS

90-Day Free trial.

10.00

50.00

0.00

0.00



0043

MDT-Mobile Client Software installed in your vehicles to Tag, Classify, & Notate BWC video footage. Saves you thousands of dollars per year in Overtime Pay. \$99 per year per vehicle. Cancel anytime.

90-Day Free trial.

10.00

50.00

0.00

0.00



0081

Technical Support Plan
Includes FREE Technical Support during your WEMS activation period. Covers any assistance with WEMS, COPS, ASR, Body Cameras, and Training, Does not cover Data Migration or Backup Recovery Requests.

1.00

1,200.00

0.00

0.00



0084

Training

1.00

1,500.00

0.00

0.00



0160

RMA Forward Program

1.00

495.00

0.00

0.00



0121	No Fault Warranty.	No-fault warranty on cameras, excluding clips and accessories. 1st batch of cameras' warranty expires upon shipment of the 2nd batch of the cameras.	1.00	199.00	0.00	0.00
------	--------------------	--	------	--------	------	------

Shipping	Price
Shipping	368.00

Sub Total	27,195.35
Shipping	368.00
Tax Total	0.00
Total	27,563.35

Comments: This is a complete On-Premises 10-Officer Commander body camera package that that covers you for 5 years. It includes the full version of our Web-based CJIS Compliant WEMS Enterprise to manage your digital evidence. Also included is FREE Technical Support, Maintenance, and Online (Remote) Training and 90-day free trial for our Commander Notation App.

You will receive 10 Commander body cameras in your first year, and another 10 FREE Commander body cameras in your third year. This will give you a total of 20 Total Commanders for your 10 Officers within the first 3 Years. Each BWC shipment is on a 2-3 Year No Fault Warranty, or 5 Year No Fault Warranty together.

We are including a 12TB Workstation with Backup Recovery service and NAS for redundancy.

This quote does Not include COPS (Commander Online Platform System).

By signing below, you are officially placing your order and agree to the terms set forth below. WOLFCOM Enterprises (WOLFCOM®, we, us, or our) and the agency you represent, agree to all terms of the agreement effective on the date below. Hardware means all body cameras, workstations, servers, docking stations and does not include accessories such as cables, mounts, clips, or attachments.

1. **Payment:** Payment is due within 30 days of receipt of the products. A 2% late payment fee will be applied each month after the first 30 days.
2. **Made to Order:** This quotation will be made to order and is considered customized work that is tailored to your specific agency. All sales are final on all customized orders.
3. **Backup recovery:** if you did not purchase backup & recovery (on-premises storage only) with this order then you understand that in the event of a disaster, fire, flood, theft, hard drive failure, etc., your data may be unrecoverable. WOLFCOM is not responsible for lost data. We recommend purchasing backup and recovery with your order.
4. **Warranties:** The minimum warranty period for all hardware is 12 months unless otherwise stated and is non-transferable. We will repair or replace hardware with new or refurbished units at our discretion. Refurbished units may contain scratches or dents equivalent to the units we are replacing. For warranty/repair service, you agree to pay shipping cost to us, and we will cover the cost back to you. Damage to hardware USB ports is not covered under warranty.
5. **Acceptance:** You agree to purchase our products with its current specifications, features and functions. Any expectation beyond its current abilities are not grounds for a refund and will be accepted as feedback. Any expectation or requirement for our products to perform beyond its capability or any request or demand to change or upgrade the product, it's firmware, or any features and functions will be considered "Customized Work" and we will provide a quotation to you requiring full payment in advance to begin work

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I understand that the full and complete text of WOLFCOM's Warranties & Return policy can be found at www.WolfcomUSA.com/wolfcom-return-policy

Agency Name: _____ **v**

Signature: _____ **Title:** _____

Print Name: _____ **Purchase Order Number (Optional)** _____

REQUESTED COUNCIL MEETING DATE: December 5, 2023

ITEM: Waste Water Truck with Service Bed

ORIGINATING DEPARTMENT: Public Works Department

ATTACHMENT:

1. Wastewater Truck Bid

PURPOSE:

Staff is seeking approval for the purchase of a 2024 Chevy 3500HD Silverado.

BACKGROUND:

Staff used Sourcewell for the state bid price thru Dealers Truck Equipment Co., LLC. Sourcewell is approved in our purchasing policy. The bid for the 2024 Chevrolet 3500HD cab and chassis truck came in at \$48,758.00, the auto crane purchase is \$18,995.00 and the service bed was 16,485.00 for a total purchase of \$84,763.00. There is \$65,000 in the wastewater budget for a new service truck.

RECOMMENDATION:

Staff recommends approval for the purchase of this vehicle.



TRUCK EQUIPMENT CO., LLC
6601 I 30 LITTLE ROCK, AR. 72209
PHONE 501-568-9000 FAX 501-568-7000
www.dealerstruck.com

11/22/23

SUPERIOR AUTO GROUP
WE ARE PLEASED TO QUOTE THE FOLLOWING

ATTN TY MONTGOMERY

KNAPHEIDE 6132D54 SERVICE BODY
CRANE REINFORCED
STANDARD SHELVEING PACKAGE,
AUTOMOTIVE STYLE PADDLE LATCHES,
SLAM TAILGATE, BUMPER,
OUTRIGGER BUMPER,
PAINTED SINGLE STAGE WHITE,

PRICE QUOTED>>>>>

\$18,995.00

VENTRO ET 12 KX ELECRC/HYDRALIC CRANE
3500LBS CAPACITY, 15 FOOT REACH,
25 FOOT REMOTE CONTROL PENDANT,
POWER 360 DEGREE CONTINOUS ROTATION,
POWER BOOM ELEVATION,
POWER BOOM EXTENSION 4 FOOT MANUAL EXTENSION 4 FOOT,
SWIVEL LOAD BLOCK W/ SAFETY HOOK,
BOO REST CIRCUIT BREAKER

PRICE QUOTED>>>>>

\$16,485.00

SUPER SPRING CRANE SIDE>>>>>

\$525.00

QUOTE GOOD FOR 30 DAYS
PRICES AND SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DOES NOT INCLUDE SALES TAX

THANK YOU,

\$ 36,005



Vehicle Locator

Dealer Information

SUPERIOR CHEVROLET BUICK GMC

490 HWY 412 E

SILOAM SPRINGS, AR 72761

Phone: 479-524-3152

Fax:

1GB3YSE71RF185388

Model Year: 2024

Make: Chevrolet

Model: 3500HD Silverado

Reg Chassis-Cab, 4WD-CK31403

PEG: Work Truck Preferred Equipment Group-1WT

Primary Color: Summit White-GAZ

Trim: 1WT-Vinyl, Jet Black, Interior Trim-H2G

Engine: Engine: 6.6L, V-8, SIDI-L8T

Transmission: 10-Speed Automatic-MKM

Event Code: 5000-Delivered to Dealer

Order #: CMTGJ2

MSRP: \$50,458.00

Order Type: TSC-SVC Commercial

Stock #: N/A

Inventory Status: Available

Additional Vehicle Information

GM Marketing Information

Vehicle Options

No Cost Options

$$\begin{array}{r} - \$1700 \\ \$48,758 \\ + \$36,005 \\ \hline \$84,763 \end{array}$$

Other Options

10-Speed Automatic-MKM	120 Volt Electrical Receptacle, In Cab-KI4
1WT Convenience 1 Package-PCV	1WT-Vinyl, Jet Black, Interior Trim-H2G
3 Years of Onstar Remote Access-PRF	Alternator, 170 AMP-KW7
Auto Locking Differential, Rear-G80	Automatic Emergency Braking-UHY
Back-Up Alarm Calibration (SEO)-SFW	Bumper, Front, Chrome-V46
Bumper: Rear Delete-9J4	Chevrolet Infotainment, 7" Color Screen-IOR
Cooler, Engine Oil-KC4	Cruise Control-K34
Defogger, Rear Window, Electric-C49	Delete: Pick-Up Box-ZW9
Engine: 6.6L, V-8, SIDI-L8T	Federal Emissions-FE9
Floor Covering: Rubberized Vinyl, Black-BG9	Following Distance Indicator-UE4
Front License Plate Mounting Provisions-VK3	Fuel Tank, Dual Front and Rear, 63.5 Gallon Total-N2N
GVW Rating 14,000 Lbs Dual Rear Wheels-G9Y	Glass, Deep Tinted-AKO
Headlamps, Intellibeam-TQ5	Heavy Duty Air Filter-K47
Integrated Trailer Brake Controller-JL1	Keyless Remote Entry-AQQ
Mirrors, O/S: Man. Ext & Folding, Heat, Turn Indicator-DBG	OnStar Communication System-UE1
Painted Wheel Trim Skins, Painted Center Caps-P03	Rear Axle: 3.73 Ratio-GT4
Rear Camera Kit for ZW9 Box Delete or Chassis Cab (SEO)-5N5	Recovery Hooks-V76
Roof Marker Lamps-U01	SEO Processing Option-YK6
Seats: Front 40/20/40 Split-Bench, Full Feature-AZ3	Sensor, Forward Collision Alert-UEU
Sensor, Front Pedestrian Braking-UKJ	Skid Plate-NZZ
Special Vehicle Sales-B3P	Summit White-GAZ
Tire, Spare: LT235/80 R17 All Terrain, Blackwall-ZZT	Tires: LT235/80 R17 All Terrain, Blackwall-QZT
Transfer Case: w/ Rotary Dial Control, Electronic Shift-NQF	Transmission Cooling System-KNP
Upfitter / Accessory Electrical Switches-9L7	Wheels: 17" Steel, Painted--Dual Rear Wheels-PYW
Work Truck Preferred Equipment Group-1WT	

"~" indicates vehicle belongs to Trading Partner's inventory

Disclaimer:

GM has tried to make the pricing information provided in this summary accurate. Please refer to actual vehicle invoice, however, for complete pricing information. GM will not make any sales or policy adjustments in the case of inaccurate pricing information in this summary.

REQUESTED COUNCIL MEETING DATE: December 5, 2023**ITEM:** Civic Plus Building Permitting, Inspections and Code Enforcement Program

ORIGINATING DEPARTMENT: Development Services Department**ATTACHMENT:**

1. CivicGov_-_Self-Serve_Proposal__4.1.2023__
 2. Neosho, MO - CivicGov - SOW
-

PURPOSE:

The purpose of this item is to gain council approval to purchase programming to issue, monitor, inspect and enforce construction permits and dangerous building codes in Neosho.

BACKGROUND:

Currently, the city uses various programs and paper filing to process and monitor building permits, construction and dangerous buildings in the city. Our building inspector's recent resignation has caused the promotion of Matt Brown to building inspector and council authorized the development of a code enforcement officer who has recently been hired. The introduction of new personnel and changing goals of this department is a good time to adopt a new process of meeting the needs of the city to track and enforce building codes and safety.

The recommended Civic Plus program has several valuable features that include the ability to apply for, pay for, and monitor building permits and code enforcement. The program enables inspectors to update information from the field or office and notify contractors, developers, citizens and staff of the current status of permits automatically. Civic Plus currently provides the city's website and council meeting software and this code enforcement program would integrate with the current software where needed. The City Clerk and IT Manager have indicated that they are satisfied with Civic Plus support and performance.

The initial cost of the program is \$7,500 with an annual maintenance fee of \$6,300. I am requesting the council's authorization to move forward towards purchasing this sole source program without seeking additional bids.

RECOMMENDATION:

Staff recommends the council's authorization.

Permitting, Planning & Zoning, Business Licensing, Code Enforcement, Fire & Life Safety Inspections

Proposal valid for 60 days from date of receipt



CivicPlus Company Overview

CivicPlus History

CivicPlus began in 1998 when our founder, Ward Morgan, decided to focus on helping local governments work better and engage their residents through their web environment. Over the years, CivicPlus has continued to implement new technologies and merge with industry forerunners to maintain the highest standards of excellence and efficiency for our customers.



Our portfolio includes solutions for website design and hosting, parks and recreation management, emergency and mass communications, agenda and meeting management, 311 and CRM, process automation and digital services, codification, licensing and permits, web governance and ADA remediation, social media archiving, and FOIA management.

EXPERIENCE

20+ Years
12,000+ Customers
900+ Employees

RECOGNITION

Inc. 5000 11-time Honoree
GovTech 2023 Top 100 Company
Stevie® Awards Recognized with multiple, global awards for sales and customer service excellence

Our commitment to deliver the right solutions in design and development, end-user satisfaction, and secure hosting has been instrumental in making us a leader in government web technology. We are proud to have earned the trust of our over 12,000 customers and their 100,000+ administrative users. In addition, over 340 million residents engage with our solutions daily.

Primary Office

302 S. 4th Street Suite 500
Manhattan, KS 66502
Toll Free: 888.228.2233 | Fax: 785.587.8951
civicplus.com



civicplus.com

Powering & Empowering Government

We empower municipal leaders to transform interactions between residents and government into consistently positive experiences that elevate resident satisfaction, increase revenue, and streamline operations.

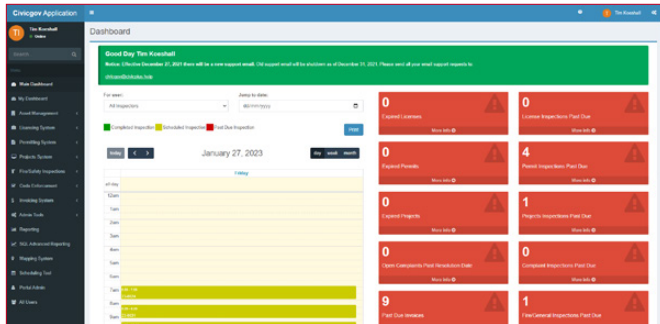
Government leaders tell us that one of their most pressing needs is to improve how residents access and experience municipal services; however, they struggle with budget cutbacks and technology constraints. CivicPlus enables civic leaders to solve these problems, making consistently positive interactions between residents and government possible.

What sets us apart is our Civic Experience Platform. CivicPlus is the only government technology company exclusively committed to powering and empowering governments to efficiently operate, serve, and govern using our innovative and integrated technology solutions built and supported by former municipal leaders and award-winning support teams. With it, municipalities increase revenue and operate more efficiently while fostering trust among residents.



Features & Functionality

The CivicPlus Code Enforcement, Permitting, and Licensing solution streamlines the zoning, building, and inspection process enabling departments to collaborate and providing resident and business digital self-service functionality.



A MODULAR SOLUTION DESIGNED TO SCALE

Whether your organization's requirements are simple and straight forward or more complex and far-reaching, our integrated yet independently modular offering allows us to tailor a solution that fits your needs. Key features that are available as **either stand-alone modules or an integrated suite** include:



Permitting

A complete solution to submit, review, approve, and issue permits.



Planning & Zoning

Robust functionality to manage the intricacies of new subdivisions, plats, site plans, and other projects.



Code Enforcement

Process complaints and track violations end to end from initial inspection and notice of violation through citation processing, court proceedings, and resolution.



Business License

Create and manage license applications, renewals, payments, inspections, and contractor credentials.



Fire & Life Safety Inspections

Conduct and schedule one-time and cyclical reoccurring inspections across your organization. Generate inspection failure notices and track court appearances.



Value-Added Features

Premium features and integrations are available for ESRI-based GIS systems, digital plan review software, local/state/federal codes, payment providers, and other third-party, back-office systems.



Proposed Modules

Permitting

Create Unlimited Permit Applications

- Customize types and sub-types (commercial, residential, etc.)
- Upload and track application documents and photos
- Track standard fields and/or customer-defined additional fields

Manage Properties, Buildings, & Occupants

- Populate system with tax parcels, buildings, and suites
- Track permits related to properties, property owners, contractors, business owners, and occupants

Allow Online Submission of Permit Applications

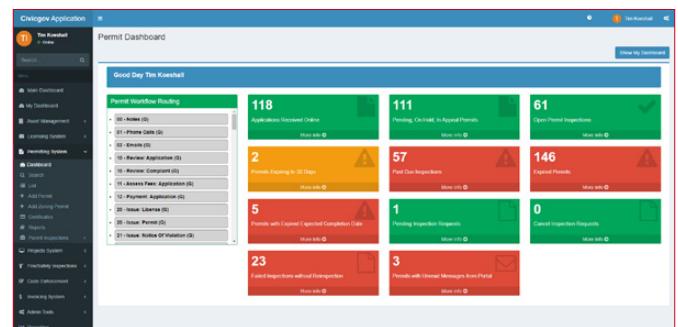
- Enable/disable online submittal on a per-permit basis
- Standardized online template and document upload capability

Enable End-to-End Review & Approval (Case Management)

- Application reviews for one or more departments
- Inspections, financial reviews, and board reviews
- Override routing and final approval authority

Schedule & Conduct Inspections

- Select inspection type, track status, and assign inspectors
- Take and store photos of inspection results
- Attach codes (local municipal codes, state, federal)
- Personalized “Today’s Inspections” area for each inspector



Create Digital Checklists

- Customize checklists based on type and sub-type

Collect Permit Fees

- Assign fees, generate invoices, complete transactions, issue receipts
- Complete credit card transactions using a CivicPlus Pay authorized payment gateway
- Export transaction details to be imported to financial software

Generate Permits & Certificates

- Permits, temporary certificates, certificates of occupancy and inspection reports

Track Contractors, Insurance Requirements, & Contacts

- Ensure contractor insurance requirements are met for a given permit application
- Track multiple permit-related points of contact

Track Related Projects

Generate Reports (CSV, PDF, HTML)

Integrates with Our Planning & Zoning and Code Enforcement Modules



Planning & Zoning

Create Unlimited Master or Sub Projects

- Customize project types and sub-types (city council, planning commission, stormwater, subdivision, ZBA, etc.)
- Upload and track project documents and photos
- Track standard fields or customer-defined additional fields

Manage Properties, Buildings, & Occupants

- Populate system with tax parcels, buildings, and suites
- Track projects related to the properties, property owners, contractors, business owners, and occupants

Create Notification Letters for Adjacent Properties

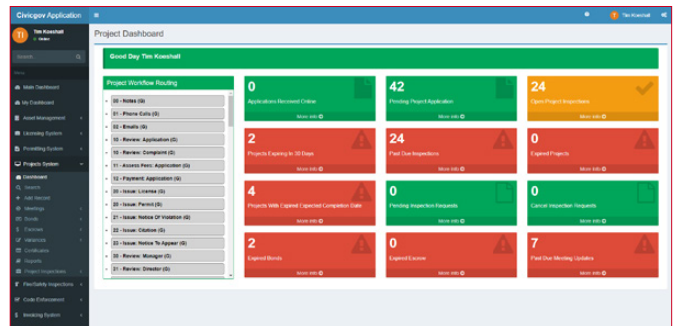
- Adjacent/proximity parcel search (requires GIS integration)

Issue & Track Variances

Track Numerous Documents & Processes

- Affidavits, bonds, and escrow accounts
- Project meetings
- Project questions and answers
- Related projects

Create Customizable Digital Checklists Based on Type & Sub-type



Enable End-to-End Review & Approval (Case Management)

- Application reviews – one or more departments
- Inspections, checklists, financial reviews, board reviews
- Override routing and final approval authority

Schedule & Conduct Inspections

- Select inspection type, track status, and assign inspectors
- Take and store photos of inspection results
- Attach codes (local municipal codes, state codes, federal)
- Personalized “Today’s Inspections” area for each inspector

Collect Project Fees

- Assign fees, generate invoices, complete transactions, issue receipts
- Complete credit card transactions using a CivicPlus Pay authorized payment gateway
- Export transaction details to be imported to financial software

Generate Certificates & Letters

- Certificates of Occupancy/Use and other templates

Track Contractors, Insurance Requirements, & Contacts

- Ensure permit application insurance requirements are met
- Track multiple permit-related points of contact

Generate Reports (CSV, PDF, HTML)

Integrates with Our Permitting Module



Business Licensing

Track Detailed Business License Records

- Customize business types and sub-types
- Upload and track business license documents and photos
- Track business license data via standard fields and customer-defined additional fields
- Track insurance requirements and expirations
- Identify annual vs. temporary licenses

Integrates with Property Management System

- Optionally populate system with tax parcels, buildings, and suites to track business licenses related to each property

Allow Online Submission of Business License Applications

- Enable new business license applications and renewals

Automatically Generate License Renewal Notifications

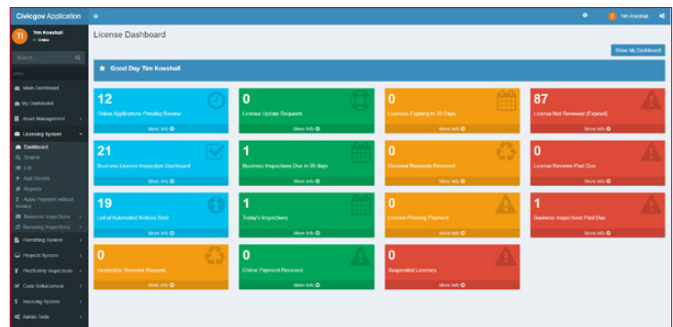
- Customer-defined time intervals

Enable End-to-End Review & Approval (Case Management)

- Application reviews for one or more departments
- Financial review and payment
- Override routing
- Final approval authority

Collect License Fees

- Assign fees, generate invoice, complete transaction, issue receipt
- Complete credit card transactions using a CivicPlus Pay authorized payment gateway
- Export transaction details to be imported to financial software



Schedule One-time & Re-occurring Inspections

Generate Business Certificates & Letters

Generate Reports (CSV, PDF, HTML)

Integrates with Our Permitting, Planning & Zoning, and Code Enforcement Modules



Code Enforcement

Track Detailed Complaint & Violation Records

- Customize complaint/violation types and sub-types
- Upload and track application documents and photos
- Track complaints/violations via standard data fields or customer-defined additional fields

Manage Properties, Buildings, & Occupants

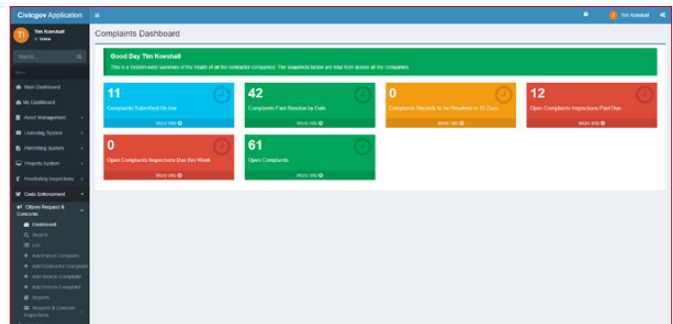
- Populate system with tax parcels, buildings, and suites
- Track complaints and violations related to properties, property owners, contractors, business owners, and occupants

Submit Online or Manual Complaints & Violations

- Online public submission
- Manual staff submission (walk-ins, phone, email requests)

Schedule & Conduct Inspections

- Select inspection type, track status, and assign inspectors
- Take and store photos of inspection results
- Attach codes (local municipal codes, state, federal)
- Personalized “Today’s Inspections” area for each inspector

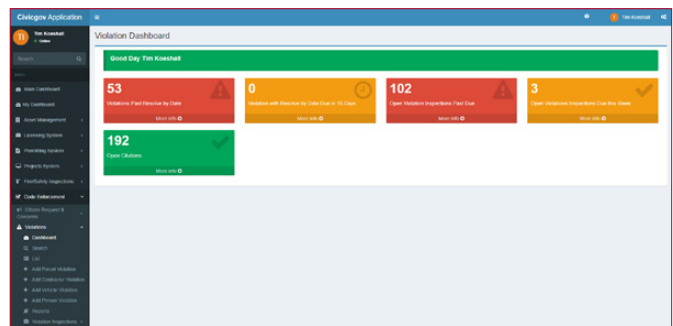


Track Court Hearings

- Hearing date/time, ticket/docket number, judge, notes

Issue Fines & Collect Payment

- Assign fees, generate invoice, complete transaction, issue receipt
- Complete credit card transactions using a CivicPlus Pay authorized payment gateway
- Export transaction details to be imported to financial software



Enable End-to-End Review & Approval (Case Management)

- Track from initial inspection, notice of violation, re-inspection, citation processing, court proceedings, and final resolution

Generate Citation Notices of Violation/Citation Letters

- Send via email or certified mail

Generate Reports (CSV, PDF, HTML)

Integrates with Our Business License Module



Fire & Life Safety Inspections

Schedule & Conduct Fire & Safety Inspections

- Select inspection type, track status, and assign inspectors
- Take and store photos of inspection results
- Attach codes (local municipal codes, state codes, federal) to inspection records
- Personalized “Today’s Inspections” area for each inspector

Manage Properties, Buildings, Suites, & Equipment

- Populate system with tax parcels, buildings, and suites
- Track inspections related to the properties, property owners, contractors, business owners, and occupants
- Track equipment assets operational status

Create Digital Checklists

- Customize checklists based on inspection type and sub-type

Schedule One-time & Recurring Inspections

Collect Inspection Fees

- Assign fees, generate invoices, and process payments (requires CivicPlus Pay authorized payment gateway)

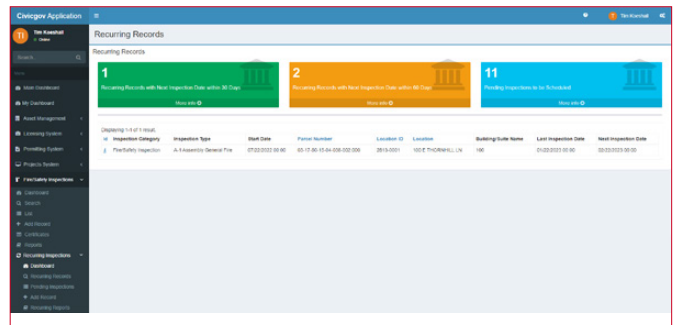
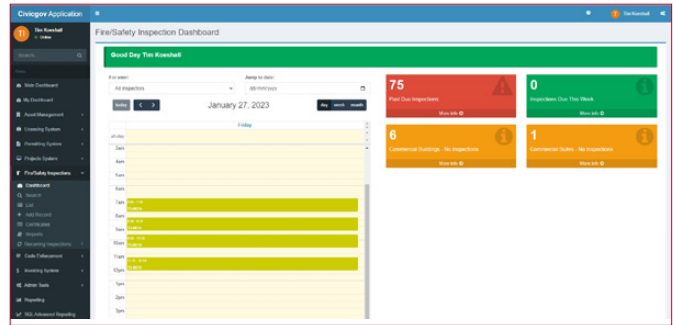
Enable End-to-End Review & Approval (Case Management)

- Inspection for one or more departments
- Override routing

Generate Certificates & Letters

- Standardized templates provided

Generate Reports (CSV, PDF, HTML)



Implementation

Permitting

PROJECT TIMELINE ESTIMATE

A typical Permitting project takes 8-16 weeks. Please note that actual timelines vary based on size of organization and final scope of services.

Phases	Timeframe
Requirements	1 Week
Configuration & Data Import	4-12 Weeks
Testing	1 Week
Training	1-2 Weeks
Go-Live	1 Week

INCLUDED PROJECT TASKS/MILESTONES

- Tax parcel setup via GIS (ESRI) endpoint or customer-provided import files
- CivicPlus Code of Ordinances integration
- Permit directory setup (permit types and use/sub-types)
- One department setup included per module
- Inspection setup
- Digital checklist setup (five included)
- Certificates and letters setup (five included)
- Review and approval process setup
- Public permit directory setup
- One standardized building application form
- One standardized electrical application form
- One standardized mechanical application form
- One standardized plumbing application form
- Payments and fees setup
- Testing
- Training
- Go-Live



Planning & Zoning

PROJECT TIMELINE ESTIMATE

A typical Planning and Zoning project takes 8-16 weeks. Please note that actual timelines vary based on size of organization and final scope of services.

Phases	Timeframe
Requirements	1 Week
Configuration & Data Import	4-12 Weeks
Testing	1 Week
Training	1-2 Weeks
Go-Live	1 Week

INCLUDED PROJECT TASKS/MILESTONES

- Tax parcel setup via GIS (ESRI) endpoint or customer-provided import files
- CivicPlus Code of Ordinances integration
- Project directory setup (project types and use/sub-types)
- One department setup included per module
- One standardized land use application form
- One standardized board or appeals application form
- Inspection setup
- Digital checklist setup (five included)
- Certificates and letters setup (five included)
- Review and approval process setup
- Payments and fees setup
- Testing
- Training
- Go-Live

Business Licensing

PROJECT TIMELINE ESTIMATE

A typical Business Licensing project takes 6-12 weeks. Please note that actual timelines vary based on size of organization and final scope of services.

Phases	Timeframe
Requirements	1 Week
Configuration & Data Import	2-4 Weeks
Testing	1 Week
Training	1-2 Weeks
Go-Live	1 Week

INCLUDED PROJECT TASKS / MILESTONES

- Business directory import (existing business list)
- Business license directory setup (business types, sub-types, insurance requirements, renewal requirements)
- One department setup included per module
- One standardized license application form
- One standardized contractor registration application form
- Business certificates and letters setup
- Review and approval process setup
- Public business license directory setup
- Payments and fees setup
- Tax parcel setup via GIS (ESRI) endpoint or customer-provided import files (optional)
- Testing
- Training
- Go-Live



Code Enforcement

PROJECT TIMELINE ESTIMATE

A typical Code Enforcement project takes 8-16 weeks. Please note that actual timelines vary based on size of organization and final scope of services.

Phases	Timeframe
Requirements	1 Week
Configuration & Data Import	4-12 Weeks
Testing	1 Week
Training	1-2 Weeks
Go-Live	1 Week

INCLUDED PROJECT TASKS / MILESTONES

- Tax parcel setup via GIS (ESRI) endpoint or customer-provided import files
- CivicPlus Code of Ordinances integration
- One department setup included per module
- Inspection setup
- Digital checklist setup (five included)
- Certificates and letters setup (five included)
- Review and approval process setup
- Payments and fees setup
- One online public complaint form setup
- Testing
- Training
- Go-Live

Fire & Life Safety Inspections

PROJECT TIMELINE ESTIMATE

A typical Fire & Life Safety Inspections project takes 8-16 weeks. Please note that actual timelines vary based on size of organization and final scope of services.

Phases	Timeframe
Requirements	1 Week
Configuration & Data Import	4-12 Weeks
Testing	1 Week
Training	1-2 Weeks
Go-Live	1 Week

INCLUDED PROJECT TASKS / MILESTONES

- Tax parcel setup via GIS (ESRI) endpoint or customer-provided import files
- CivicPlus Code of Ordinances integration
- Complaint/violation setup (types and sub-types)
- One department setup included per module
- Inspection setup
- Digital checklist setup (five included)
- Certificates and letters setup (five included)
- Review and approval process setup
- Payments and fees setup
- Testing
- Training
- Go-Live



Continuing Services

Technical Support & Services

With technology, unlimited support is crucial. Our live technical support engineers based in North America are ready to answer your staff members' questions and ensure their confidence. CivicPlus' support team is available via email and phone 8 a.m. – 5 p.m. CST to assist with any questions or concerns regarding technical functionality and usage of your solution.

Emergency technical support is available 24/7 for designated, named points-of-contact, with members of CivicPlus' support teams available for urgent requests.



AWARD-WINNING

CivicPlus has been honored with two Gold Stevie® Awards, three Silver Stevie® Awards, and seven Bronze Stevie® Awards in the categories of Front-Line Customer Service Team of the Year – Technology Industries, Customer Service Training or Coaching Program of the Year – Technology Industries, Customer Service Department of the Year – Computer Software – Up to 1,000 Employees, Most Valuable Response by a Customer Service Team (COVID-19), Best Customer Satisfaction Strategy, and Remote Customer Service Innovation of the Year. The Stevie Awards are the world's top honors for customer service, contact center, business development, and sales professionals.

Support at a Glance

- Technical support engineers available 8 a.m. – 5 p.m. (CST) Monday – Friday (excluding holidays)
- Accessible via phone and email
- 4-hour response during normal hours
- 24/7 emergency technical support for named points of contact
- Dedicated customer success manager
- Online self-service help with the CivicPlus Help Center (civicplus.help)

CIVICPLUS HELP CENTER

CivicPlus customers have 24/7 access to our online Help Center where users can review articles, user guides, FAQs, and can get tips on best practices. Our Help Center is continually monitored and updated by our dedicated Knowledge Management Team to ensure we are providing the information and resources you need to optimize your solution. In addition, the Help Center Includes release notes to inform your staff of upcoming enhancements and maintenance.

CONTINUING PARTNERSHIP

We won't disappear after your system is live. You'll be assigned a dedicated customer success manager. They will partner with you by providing information on best practices and how to utilize the tools of your new system, resulting in consistently positive digital experiences for both your staff and residents.



Hosting & Security

DATA CENTER

CivicPlus hosts our CivicPlus Code Enforcement, Permitting, and Licensing solution in a secure data center. The data center is staffed 24×7×365.

SITE MONITORING, SITE RECOVERY, AND GUARANTEED UPTIME

CivicPlus leverages auto-monitoring tools to proactively detect and identify server performance and alert us of potential issues. In the unlikely event we encounter a critical issue, our engineering team will act promptly and provides regular status updates via our Help Center's online status page. CivicPlus guarantees a web server uptime of 99.9%.

SECURITY

CivicPlus leverages third-party experts to conduct security and penetration tests on a periodic basis to proactively validate product security against the latest attack vectors and implement corrective actions as needed. The CivicPlus Code Enforcement, Permitting, and Licensing system conducted its most recent tests in 2021 and included automated and manual tests for both unauthenticated (i.e., without login) and authenticated users. Our solution is SSL encrypted to secure data transmission. In addition, it restricts user access via role-based permissions. The application requires users to log in with a unique user ID and password. We also support two-factor authentication using Google Authenticator and Microsoft Authenticator.

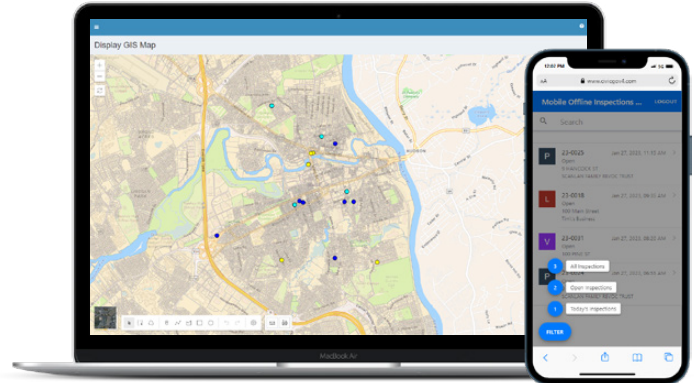


Additional Enhancements

CivicPlus has various features and services that you can leverage to streamline your system. Below is a complete list of all the features available to you that will amplify your experience. Please reach out for additional information.

VALUE-ADDED FEATURES

- CivicPlus/Municode Code Repository Integration
- SeeClickFix to Code Enforcement module integration
- ICC Code Repository Integration
- CivicPlus Pay Integration – Credit Card Processing
- Premium GIS (ESRI) Mapping Integration
- Mobile App - Offline Inspections
- Bluebeam REVU integration
- Third-party API integrations
- Additional Department/Groups



PROFESSIONAL SERVICES

- Data Imports (historical records, contractor data, third-party codes, etc.)
- Additional Training
- Additional Configuration Items (Additional custom checklists, certificates, online fillable forms, etc.)
- Custom Development

Disclaimer

Proposal as Non-Binding Document

A successful project begins with a contract that meets the needs of both parties. This proposal is intended as a non-binding document, and the contents hereof may be superseded by an agreement for services. Its purpose is to provide information on a proposed project we believe will meet your needs based on the information available. If awarded the project, CivicPlus reserves the right to negotiate the contractual terms, obligations, covenants, and insurance requirements before a final agreement is reached. We look forward to developing a mutually beneficial contract with you.

**CivicPlus**

302 South 4th St. Suite 500
Manhattan, KS 66502
US

Quote #:**Date:****Expires On:**

Statement of Work

Q-57321-1

11/15/2023 4:35 PM

12/15/2023

Client:

Neosho MO - CivicGov

Bill To:

NEOSHO, MISSOURI

SALESPERSON	Phone	EMAIL	DELIVERY METHOD	PAYMENT METHOD
Ryan McNelly		ryan.mcnelly@civicplus.com		Net 30

QTY	PRODUCT NAME	DESCRIPTION	PRODUCT TYPE
1.00	Community Development Permitting Annual	Community Development Permitting Annual	Renewable
1.00	Community Development Year 1 Annual Fee Discount	Year 1 Annual Fee Discount	Renewable
1.00	Community Development Permitting Setup	Community Development Permitting Setup	One-time
1.00	Community Development Premium GIS (ESRI) Mapping Integration Annual	Community Development Premium GIS (ESRI) Mapping Integration Annual	Renewable
1.00	Community Development Year 1 Annual Fee Discount	Year 1 Annual Fee Discount	Renewable
1.00	Community Development Premium GIS (ESRI) Mapping Integration Setup	Community Development Premium GIS (ESRI) Mapping Integration Setup	One-time
1.00	eCode360 API Connector for Community Development	eCode360 API Integration with Community Development Code Library. This requires the client to provide credentials for their eCode360 API.	Renewable
1.00	Community Development Year 1 Annual Fee Discount	Year 1 Annual Fee Discount	Renewable

List Price - Year 1 Total	USD 9,000.00
Total Investment - Initial Term	USD 7,500.00
Annual Recurring Services - Year 2	USD 6,300.00

Initial Term & Renewal Date	12 Months
Initial Term Invoice Schedule	50% invoiced on signature date and 50% invoiced 6 months from signature date or completion of implementation, if earlier

Renewal Procedure	Automatic 1 year renewal term, unless 60 days notice provided prior to renewal date
Renewal Invoice Schedule	Annually on date of signing
Annual Uplift	5% starting in Year 2

This Statement of Work ("SOW") shall be subject to the terms and conditions of the CivicPlus Master Services Agreement and the applicable Solution and Services terms and conditions located at <https://www.civicplus.help/hc/en-us/p/legal-stuff> (collectively, the "Binding Terms"), By signing this SOW, Client expressly agrees to the terms and conditions of the Binding Terms throughout the term of this SOW.

Acceptance

The undersigned has read and agrees to the following Binding Terms, which are incorporated into this SOW, and have caused this SOW to be executed as of the date signed by the Customer which will be the Effective Date:

For CivicPlus Billing Information, please visit <https://www.civicplus.com/verify/>

Authorized Client Signature

CivicPlus

By:

By:

Name:

Name:

Title:

Title:

Date:

Date:

Organization Legal Name:

Billing Contact:

Title:

Billing Phone Number:

Billing Email:

Billing Address:

Mailing Address: (If different from above)

PO Number: (Info needed on Invoice (PO or Job#) if required)

REQUESTED COUNCIL MEETING DATE: December 5, 2023

ITEM: Bill No. 2023-195: Terminal Agency Agreement Update for Police and Court.

ORIGINATING DEPARTMENT: Police Department

ATTACHMENT:

1. Bill No. 2023-195 MSHP RE MULES and NCIC
 2. Terminal Agency Agreement - NPD
 3. Terminal Agency Agreement - Municipal Court
-

PURPOSE:

A recent update to the terminal agency agreement between the police, dispatch, Highway patrol, and court.

BACKGROUND:

Two terminal agency agreements, one for police, one for court. These agreements allow Newton County Central dispatch to operate MULES/NCIC under our name. These agreements are required when you have an outside agency operating dispatch. City attorney has reviewed the agreements.

RECOMMENDATION:

Allow the mayor to sign the two terminal agency agreements.

AN ORDINANCE authorizing the City of Neosho, Missouri, to enter into Agreements with the Missouri State Highway Patrol for the purpose of establishing standard operating procedures for transactions using the Missouri Uniform Law Enforcement System (“MULES”) and National Crime Information Center (“NCIC”) systems; and authorizing the Mayor to execute the same by and on behalf of the City of Neosho.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF NEOSHO, MISSOURI, as follows:

Section 1. That the Agreement by and between the City of Neosho, Missouri, and the Missouri State Highway Patrol, for the purpose of establishing standard operating procedures for terminal agency transactions using the Missouri Uniform Law Enforcement System (“MULES”) and National Crime Information Center (“NCIC”) systems, a true and accurate copy of said Agreement being attached hereto and incorporated as Exhibit “A,” be and the same is hereby approved.

Section 2. That the Agreement by and between the City of Neosho, Missouri, and the Missouri State Highway Patrol, for the purpose of establishing standard operating procedures for non-terminal agency transactions using the Missouri Uniform Law Enforcement System (“MULES”) and National Crime Information Center (“NCIC”) systems, a true and accurate copy of said Agreement being attached hereto and incorporated as Exhibit “B,” be and the same is hereby approved.

Section 3. That the Mayor of the City of Neosho, Missouri, is hereby authorized and directed to execute said Agreement by and on behalf of the City of Neosho.

PASSED BY THE COUNCIL OF THE CITY OF NEOSHO, MISSOURI, this ____ day of _____, 2023, by a vote of _____.

Richard Davidson, Mayor

ATTEST:

Cheyenne Wright, City Clerk

APPROVED AS TO FORM:

Jordan L. Paul, City Attorney

TERMINAL AGENCY AGREEMENT

for

MISSOURI UNIFORM LAW ENFORCEMENT SYSTEM (MULES) &
NATIONAL CRIME INFORMATION CENTER (NCIC) ACCESS

PURPOSE OF AGREEMENT

This agreement establishes the standard procedures for an OPERATING AGENCY (defined as a criminal justice agency with a computer terminal authorized for record entry and inquiry purposes) to perform MULES/NCIC transactions for a TERMINAL AGENCY (defined as a criminal justice agency with a computer terminal authorized for inquiry purposes only OR a criminal justice agency with a computer terminal authorized for entry and inquiry purposes that is not in operation 24 hours a day, 7 days a week). Both parties agree to comply with MULES/NCIC policies, standards, and procedures as described in the User Agency Agreement, NCIC 2000 Operating Manual, CJIS Security Policy, and MULES Policies & Procedures Manual.

RECORD ENTRY

☒ The OPERATING AGENCY agrees to enter all records for the TERMINAL AGENCY under the TERMINAL AGENCY's Originating Agency Identifier (ORI) Number.

RECORD INQUIRY

☒ The OPERATING AGENCY agrees to perform all restricted (i.e. Criminal History) and non-restricted file (i.e. Hot File) transactions, as defined in the CJIS Security Policy, for the TERMINAL AGENCY using the TERMINAL AGENCY's ORI when required.

HIT CONFIRMATIONS

☒ The TERMINAL AGENCY and OPERATING AGENCY agree to jointly establish the necessary procedures for the OPERATING AGENCY to respond to all hit confirmation requests within ten (10) minutes or one (1) hour depending on priority level. The hit confirmation response will provide the requesting criminal justice agency with a positive or negative confirmation or, when necessary, the specific amount of additional time needed by the OPERATING AGENCY to fully respond.

Revised 07.23.14

LOCATES

☒ The OPERATING AGENCY agrees to perform all Locate transactions and to keep the TERMINAL AGENCY informed of the final results of any positive response.

VALIDATIONS

☒ The TERMINAL AGENCY agrees to perform the validations of their own records that were entered by the OPERATING AGENCY under the TERMINAL AGENCY'S ORI. When validating a record, the TERMINAL AGENCY must confirm the record is complete, accurate, and still active. The TERMINAL AGENCY'S validation procedures should be formalized and kept on file for review during a MULES/NCIC audit.

MESSAGING

The OPERATING AGENCY agrees to use its own ORI on messages generated by its operators for the TERMINAL AGENCY and to indicate by name of department the TERMINAL AGENCY it is representing in the text and signature of the message.

DISSEMINATION

The TERMINAL AGENCY and OPERATING AGENCY agree to only disseminate information retrieved from the MULES or NCIC systems when specifically authorized by the CJIS Security Policy and the MULES Policies & Procedures Manual.

QUALITY ASSURANCE

The TERMINAL AGENCY and OPERATING AGENCY agree to take all appropriate measures necessary to ensure that only the most complete, accurate, and valid records are entered into MULES and NCIC.

SYSTEM SECURITY

The TERMINAL AGENCY and OPERATING AGENCY agree to abide by all current physical, technical, and information security requirements outlined in the CJIS Security Policy.

AUDIT

The TERMINAL AGENCY and OPERATING AGENCY understand that both agencies are subject to a triennial MULES/NCIC Policy Compliance Review by the Missouri State Highway Patrol (MSHP) CJIS Division and/or the FBI CJIS Division.

MISUSE

The TERMINAL AGENCY and OPERATING AGENCY agree that any misuse of the MULES or NCIC systems, or misuse of information retrieved from the MULES or NCIC systems, is a Class A Misdemeanor pursuant to 576.050 RSMo and must be reported

Revised 07.23.14

immediately to the MSHP Access Integrity Unit. CANCELLATION

The TERMINAL AGENCY and OPERATING AGENCY agree that either party, upon thirty (30) days notice in writing to the other party, may cancel this Terminal Agency Agreement.

ACKNOWLEDGEMENT

WE, THE UNDERSIGNED, AGREE TO COMPLY WITH THE DUTIES AND RESPONSIBILITIES NAMED IN BOTH THE MANDATORY AND OP-IN SECTIONS OF THIS TERMINAL AGENCY AGREEMENT, AS WELL AS THE INCORPORATED PROVISIONS OF THE NCIC 2000 OPERATING MANUAL, THE CJIS SECURITY POLICY, AND THE MULES POLICIES & STANDARDS MANUAL. WE UNDERSTAND THAT FAILURE TO COMPLY WITH THESE DUTIES AND RESPONSIBILITIES MAY SUBJECT MY AGENCY TO SANCTIONS BY THE MISSOURI CJIS SYSTEMS OFFICER (CSO), UP TO AND INCLUDING TERMINATION OF ACCESS TO MULES OR NCIC INFORMATION.

Neosho PD
TERMINAL AGENCY

MO0730300
Agency ORI

Agency Head (printed name)

Agency Head Signature

Date

Newton County
Central Dispatch
OPERATING AGENCY

MO073013N
Agency ORI

Thomas Oliphant
Agency Head (printed name)

Thomas Oliphant 9/8/23
Agency Head Signature Date

TERMINAL AGENCY AGREEMENT

for

MISSOURI UNIFORM LAW ENFORCEMENT SYSTEM (MULES) &
NATIONAL CRIME INFORMATION CENTER (NCIC) ACCESS

PURPOSE OF AGREEMENT

This agreement establishes the standard procedures for an OPERATING AGENCY (defined as a criminal justice agency with a computer terminal authorized for record entry and inquiry purposes) to perform MULES/NCIC transactions for a TERMINAL AGENCY (defined as a criminal justice agency with a computer terminal authorized for inquiry purposes only OR a criminal justice agency with a computer terminal authorized for entry and inquiry purposes that is not in operation 24 hours a day, 7 days a week). Both parties agree to comply with MULES/NCIC policies, standards, and procedures as described in the User Agency Agreement, NCIC 2000 Operating Manual, CJIS Security Policy, and MULES Policies & Procedures Manual.

RECORD ENTRY

☒ The OPERATING AGENCY agrees to enter all records for the TERMINAL AGENCY under the TERMINAL AGENCY's Originating Agency Identifier (ORI) Number.

RECORD INQUIRY

☒ The OPERATING AGENCY agrees to perform all restricted (i.e. Criminal History) and non-restricted file (i.e. Hot File) transactions, as defined in the CJIS Security Policy, for the TERMINAL AGENCY using the TERMINAL AGENCY's ORI when required.

HIT CONFIRMATIONS

☒ The TERMINAL AGENCY and OPERATING AGENCY agree to jointly establish the necessary procedures for the OPERATING AGENCY to respond to all hit confirmation requests within ten (10) minutes or one (1) hour depending on priority level. The hit confirmation response will provide the requesting criminal justice agency with a positive or negative confirmation or, when necessary, the specific amount of additional time needed by the OPERATING AGENCY to fully respond.

Revised 07.23.14

LOCATES

☒ The OPERATING AGENCY agrees to perform all Locate transactions and to keep the TERMINAL AGENCY informed of the final results of any positive response.

VALIDATIONS

☒ The TERMINAL AGENCY agrees to perform the validations of their own records that were entered by the OPERATING AGENCY under the TERMINAL AGENCY'S ORI. When validating a record, the TERMINAL AGENCY must confirm the record is complete, accurate, and still active. The TERMINAL AGENCY'S validation procedures should be formalized and kept on file for review during a MULES/NCIC audit.

MESSAGING

The OPERATING AGENCY agrees to use its own ORI on messages generated by its operators for the TERMINAL AGENCY and to indicate by name of department the TERMINAL AGENCY it is representing in the text and signature of the message.

DISSEMINATION

The TERMINAL AGENCY and OPERATING AGENCY agree to only disseminate information retrieved from the MULES or NCIC systems when specifically authorized by the CJIS Security Policy and the MULES Policies & Procedures Manual.

QUALITY ASSURANCE

The TERMINAL AGENCY and OPERATING AGENCY agree to take all appropriate measures necessary to ensure that only the most complete, accurate, and valid records are entered into MULES and NCIC.

SYSTEM SECURITY

The TERMINAL AGENCY and OPERATING AGENCY agree to abide by all current physical, technical, and information security requirements outlined in the CJIS Security Policy.

AUDIT

The TERMINAL AGENCY and OPERATING AGENCY understand that both agencies are subject to a triennial MULES/NCIC Policy Compliance Review by the Missouri State Highway Patrol (MSHP) CJIS Division and/or the FBI CJIS Division.

MISUSE

The TERMINAL AGENCY and OPERATING AGENCY agree that any misuse of the MULES or NCIC systems, or misuse of information retrieved from the MULES or NCIC systems, is a Class A Misdemeanor pursuant to 576.050 RSMo and must be reported

Revised 07.23.14

immediately to the MSHP Access Integrity Unit. CANCELLATION

The TERMINAL AGENCY and OPERATING AGENCY agree that either party, upon thirty (30) days notice in writing to the other party, may cancel this Terminal Agency Agreement.

ACKNOWLEDGEMENT

WE, THE UNDERSIGNED, AGREE TO COMPLY WITH THE DUTIES AND RESPONSIBILITIES NAMED IN BOTH THE MANDATORY AND OP-IN SECTIONS OF THIS TERMINAL AGENCY AGREEMENT, AS WELL AS THE INCORPORATED PROVISIONS OF THE NCIC 2000 OPERATING MANUAL, THE CJIS SECURITY POLICY, AND THE MULES POLICIES & STANDARDS MANUAL. WE UNDERSTAND THAT FAILURE TO COMPLY WITH THESE DUTIES AND RESPONSIBILITIES MAY SUBJECT MY AGENCY TO SANCTIONS BY THE MISSOURI CJIS SYSTEMS OFFICER (CSO), UP TO AND INCLUDING TERMINATION OF ACCESS TO MULES OR NCIC INFORMATION.

Neosho
PD - MDT

TERMINAL AGENCY

MO0730310

Agency ORI

Agency Head (printed name)

Agency Head Signature

Date

Newton County
Central Dispatch

OPERATING AGENCY

MO073013N

Agency ORI

Thomas Cliphart

Agency Head (printed name)

Thomas Cliphart 9/8/23

Agency Head Signature

Date

NON-TERMINAL AGENCY AGREEMENT

for

MISSOURI UNIFORM LAW ENFORCEMENT SYSTEM (MULES) & NATIONAL CRIME INFORMATION CENTER (NCIC) ACCESS

PURPOSE OF AGREEMENT

This agreement establishes the standard procedures for an OPERATING AGENCY (defined as a criminal justice agency with a computer terminal authorized for record entry and inquiry purposes) to perform MULES/NCIC transactions for a NON-TERMINAL AGENCY (defined as a criminal justice agency with no MULES/NCIC access). Both parties agree to comply with MULES/NCIC policies, standards, and procedures as described in the User Agency Agreement, NCIC 2000 Operating Manual, CJIS Security Policy, and MULES Policies & Procedures Manual.

RECORD ENTRY

The OPERATING AGENCY agrees to enter all records for the NON-TERMINAL AGENCY under the NON-TERMINAL AGENCY's Originating Agency Identifier (ORI) Number.

RECORD INQUIRY

The OPERATING AGENCY agrees to perform all restricted (i.e. Criminal History) and non-restricted file (i.e. Hot File) transactions, as defined in the CJIS Security Policy, for the NON-TERMINAL AGENCY using the NON-TERMINAL AGENCY's ORI when required.

HIT CONFIRMATIONS

The NON-TERMINAL AGENCY and OPERATING AGENCY agree to jointly establish the necessary procedures for the OPERATING AGENCY to respond to all hit confirmation requests within ten (10) minutes or one (1) hour depending on priority level. The NON-TERMINAL AGENCY agrees to provide the OPERATING AGENCY with all necessary reports, documents, etc. to establish the basis for a hit confirmation response. The OPERATING AGENCY will then provide the requesting criminal justice agency with a positive or negative confirmation or, when necessary, the specific amount of additional time needed to fully respond.

VALIDATIONS

The NON-TERMINAL AGENCY agrees to assist the OPERATING AGENCY with the validations of all records entered using the NON-TERMINAL AGENCY'S ORI. When validating a record, both agencies must confirm the record is complete, accurate, and still active.

MESSAGING

The OPERATING AGENCY agrees to use its own ORI on messages generated by its operators for the NON-TERMINAL AGENCY and to indicate by name of department the NON-TERMINAL AGENCY it is representing in the text and signature of the message.

DISSEMINATION

The NON-TERMINAL AGENCY and OPERATING AGENCY agree to only disseminate information retrieved from the MULES or NCIC systems when specifically authorized by the CJIS Security Policy and the MULES Policies & Procedures Manual.

QUALITY ASSURANCE

The NON-TERMINAL AGENCY and OPERATING AGENCY agree to take all appropriate measures necessary to ensure that only the most complete, accurate, and valid records are entered into MULES and NCIC.

SYSTEM SECURITY

The NON-TERMINAL AGENCY and OPERATING AGENCY agree to abide by all current physical, technical, and information security requirements outlined in the CJIS Security Policy and the MULES Policies and Procedures Manual.

AUDIT

The OPERATING AGENCY understands that they are subject to a triennial MULES/NCIC Policy Compliance Review by the Missouri State Highway Patrol (MSHP) CJIS Division and/or the FBI CJIS Division.

MISUSE

The NON-TERMINAL AGENCY and OPERATING AGENCY agree that any misuse of the MULES or NCIC systems, or misuse of information retrieved from the MULES or NCIC systems, is a Class A Misdemeanor pursuant to 576.050 RSMo and must be reported immediately to the MSHP Access Integrity Unit.

CANCELLATION

The NON-TERMINAL AGENCY and OPERATING AGENCY agree that either party, upon thirty (30) days notice in writing to the other party, may cancel this NON-TERMINAL Agency Agreement.

ACKNOWLEDGEMENT

WE, THE UNDERSIGNED, AGREE TO COMPLY WITH THE DUTIES AND RESPONSIBILITIES NAMED IN THIS NON-TERMINAL AGENCY AGREEMENT, AS WELL AS THE INCORPORATED PROVISIONS OF THE NCIC 2000 OPERATING MANUAL, THE CJIS SECURITY POLICY, AND THE MULES POLICIES & PROCEDURES MANUAL. WE UNDERSTAND THAT FAILURE TO COMPLY WITH THESE DUTIES AND RESPONSIBILITIES MAY SUBJECT MY AGENCY TO SANCTIONS BY THE MISSOURI CJIS SYSTEMS OFFICER (CSO), UP TO AND INCLUDING TERMINATION OF ACCESS TO MULES OR NCIC INFORMATION.

Cir court
mun-DIV-Neosho
NON-TERMINAL AGENCY

Newton county
central Dispatch
OPERATING AGENCY

MO073031J
Agency ORI

MO073013N
Agency ORI

Agency Head (printed name)

Thomas Oliphant
Agency Head (printed name)

Agency Head Signature

Date

Thomas Oliphant
Agency Head Signature

9/8/23
Date

REQUESTED COUNCIL MEETING DATE: December 5, 2023

ITEM: Bill No. 2023-196: Hotel Feasability Study Project Ordinance and Engagement Letter

ORIGINATING DEPARTMENT: Development Services Department

ATTACHMENT:

1. Bill No. 2023-196 Grey Consulting RE hotel study
 2. Grey Consulting - Consulting K RE Hotel Study
-

PURPOSE:

The purpose of this item is to gain council approval for the mayor to sign an ordinance and letter of engagement for the hotel study by Grey Hospitality.

BACKGROUND:

Grey Hospitality has offered the lowest bid on a hotel feasibility study. This ordinance and letter completed the agreement with Grey Hospitality.

RECOMMENDATION:

Staff recommends that council authorizes the mayor to sign the ordinance and documents.

AN ORDINANCE authorizing the City of Neosho, Missouri, to enter into an Agreement with Grey Consulting LLC, a Wisconsin Limited Liability Company, for the purpose of conducting a hotel market study and feasibility analysis for the not to exceed price of Ten Thousand Five Hundred and 00/100 Dollars (\$10,500.00); and authorizing the Mayor to execute the same by and on behalf of the City of Neosho.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF NEOSHO, MISSOURI, as follows:

Section 1. That the Agreement by and between the City of Neosho, Missouri, and Grey Consulting LLC, a Wisconsin Limited Liability Company, for the purpose of conducting a hotel market study and feasibility analysis for the not to exceed price of Ten Thousand Five Hundred and 00/100 Dollars (\$10,500.00), a true and accurate copy of said Agreement being attached hereto and incorporated as Exhibit “A,” be and the same is hereby approved.

Section 2. That the Mayor of the City of Neosho, Missouri, is hereby authorized and directed to execute said Agreement by and on behalf of the City of Neosho.

PASSED BY THE COUNCIL OF THE CITY OF NEOSHO, MISSOURI, this ____ day of _____, 2023, by a vote of _____.

Richard Davidson, Mayor

ATTEST:

Cheyenne Wright, City Clerk

APPROVED AS TO FORM:

Jordan L. Paul, City Attorney

AGREEMENT
FOR CONSULTING SERVICES

THIS AGREEMENT is made and entered into this ____ day of _____, 2023, by and between the City of Neosho, Missouri, a Missouri Municipal Corporation, hereinafter referred to as “City,” and Grey Hospitality LLC, a Wisconsin Limited Liability Company, hereinafter referred to as “Consultant,” and with City and Consultant being referred to collectively as “the Parties.”

WITNESSETH:

WHEREAS, City desires to engage a consultant for the purpose of conducting a hotel market study and feasibility analysis, as described in City’s Request for Proposal, attached hereto and incorporated by reference as Exhibit A; and

WHEREAS, Consultant desires to be engaged as City’s consultant for the purpose of conducting a hotel market study and feasibility analysis, as described in Consultant’s Response to City’s Request for Proposal, attached hereto and incorporated by reference as Exhibit B; and

WHEREAS, City has selected Consultant as the lowest and best bidder based on full consideration of all factors, preferences, and conditions deemed applicable by City.

NOW, THEREFORE, in exchange for valuable consideration each received from the other, the receipt and sufficiency of which are hereby acknowledged, the Parties do hereby agree as follows:

1. Scope of Work and Payment.

a. City agrees to engage Consultant for performance, and Consultant agrees to perform, the services described in Exhibits A and B within the time specified therein. Specifically, Consultant shall conduct a hotel market study and feasibility analysis.

b. The services of Consultant shall commence only as authorized in writing by City and shall be undertaken and completed as promised by Consultant as described in Exhibits A and B.

c. City agrees to pay Consultant in accordance with the prices and terms set forth in Exhibits A and B for work authorized by City upon presentation of proper invoice and inspection by City of work completed by Consultant. However, the total contract price shall not exceed Ten Thousand Five Hundred and 00/100 Dollars (\$10,500.00).

d. All information, data, and reports as are existing, available, and necessary for the carrying out of the work, shall be furnished to Consultant without charge, and the Parties shall cooperate with each other in every way possible in carrying out the scope of services.

e. Consultant shall fully coordinate its activities in the performance of this contract with the activities of City.

f. Consultant represents that Consultant will secure the following at Consultant's own expense: all personnel required to perform the services called for under this contract by Consultant. Such personnel shall not be employees of or have any contractual relationship with City except as employees of Consultant. All the services required hereunder will be performed by Consultant or under Consultant's direct supervision and all personnel engaged in the work shall be fully qualified and shall be authorized under state and local law to perform such services. None of the work or services covered by this contract shall be subcontracted without the written approval of City.

2. Amendments. The covenants and obligations herein contained are the full and complete terms of this Agreement, and no alteration, amendments, or changes to such terms shall be binding unless first reduced to writing and executed with the same formality as this Agreement.

3. Assignment. This Agreement, including payment hereunder, shall not be sub-let, assigned, or otherwise disposed of, except with the prior written consent of the City.

4. Attorney's Fees and Expenses. Intentionally omitted.

5. Choice of Law and Venue. This Agreement has been made, and its validity, performance and effect shall be determined, in accordance with the laws of the State of Missouri and venue for litigation between the parties shall be solely and exclusively in Newton County, Missouri.

6. Compliance with Laws. Consultant shall observe and comply with all Federal, State, and local laws and ordinances that affect those employed or engaged by it on the project, or the material or equipment used, or the conduct of the work, and shall procure all necessary licenses, permits, and insurance.

7. Confidentiality. Intentionally omitted.

8. Consequential Damages. In no event shall City be liable to Contractor for special, indirect, or consequential damages.

9. Contract Documents. The contract documents shall consist of the following: this Agreement, City's Request for Proposal, and Consultant's Response to City's Request for Proposal. In the event of conflict between the contract documents, this Agreement will prevail. In the event of conflict between City's Request for Proposal and Consultant's Response to City's Request for Proposal, City's Request for Proposal will prevail.

10. Counterparts. This Agreement may be signed in counterparts, each of which shall be deemed an original, but all of which shall constitute one and the same instrument. Facsimile signatures shall be given the same force and effect as original signatures.

11. Entire Agreement. This Agreement (including any Exhibits) contains the entire understanding of the parties with respect to the subject matter hereof. It may not be altered or amended except by an agreement in writing signed by both parties.

12. Ethics. Consultant warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for Consultant, to solicit or secure this Agreement, and that it has not paid or agreed to pay any company or person, other than a bona fide employee working solely for Consultant, any fee, commission, gift, or contingent fee.

13. Fiduciary Duty. Consultant owes a fiduciary duty to City, including the duty of care and the duty of loyalty. Consultant shall act in the best interest of City.

14. Headings. The headings of paragraphs in this Agreement are for convenience only. The headings form no part of this Agreement and shall not affect its interpretation.

15. Indemnification. Consultant hereby assumes all risk of, and responsibility for, and agrees to indemnify and save harmless City, from and against any and all claims, demands, suits, actions, recoveries, judgments, costs, and expenses, including reasonable attorney's fees and expenses, therewith made, brought or obtained on account of the loss of life or property or injury or damage to the person or property of any person or persons whomsoever, whether such person or persons be Consultant, its agents or employees, or City, its agents or employees, or any third-person in any way connected with the parties hereto, which loss of life or property, or injury or damage to persons or property, shall be due to, or arise out of, result from, or be in any way connected with, this Agreement, except to the extent arising from or caused by the sole or gross negligence or willful misconduct of City, its agents or employees.

16. Independent Contractor. This Agreement does not create an employer-employee relationship between the parties. Consultant is an independent contractor and is not entitled to any benefits including health, dental, vision, disability, life, and unemployment insurance, worker's compensation coverage, and LAGERS. Consultant is an independent contractor and not an employee for all purposes including the application of the Fair Labor Standards Act Minimum Wage and Overtime Payments, Federal Insurance Contribution Act, Social Security Act, Federal Unemployment Tax Act, and the provisions of the Internal Revenue Code, Missouri Revenue and Taxation Laws, and Missouri's Worker Compensation Laws and Unemployment Insurance Laws.

17. Insurance. Intentionally omitted.

18. Intellectual Property. Intentionally omitted.

19. Non-Appropriation. Intentionally omitted.

20. Notices. All notices required or permitted hereinunder and required to be in writing may be given by first class mail addressed to City and Consultant at the addresses as follows:

City of Neosho, Missouri
ATTN: City Manager

Grey Consulting LLC
ATTN: Sean G. Skellie

203 E. Main St.
Neosho, MO 64850

1426 Mohican Trail
Waukesha, WI 53189

The date of delivery of any notice given by mail shall be the date falling on the second full day after the day of its mailing.

21. Records and Audits. The Consultant shall maintain accounts and records, including personnel, property, and financial records, adequate to identify and account for all costs pertaining to the Contract and such other records as may be deemed necessary by the City to assure proper accounting for all project funds. These records will be made available for audit purposes to the City or any authorized representative, and will be retained for three years after the expiration of this Contract.

22. Representations. The signatories hereto represent and warrant that they have read this Agreement, that they are fully authorized in the capacities shown, that they understand the terms of this Agreement, and that they are executing the same voluntarily and solely for the consideration described herein.

23. Severability. If any of the provisions of this Agreement shall be construed to be invalid or illegal, the legality or validity of the other provisions of this Agreement shall not be effected thereby. Any illegal or invalid provision of this Agreement shall be severable and any other provisions shall remain in full force and effect.

24. Termination. If, through any cause, Consultant shall fail to fulfill in a timely and proper manner Consultant's obligations under this contract, or if Consultant shall violate any of the covenants, agreements, or stipulations of this contract, City shall thereupon have the right to terminate this contract by giving written notice to Consultant of such termination and specifying the effective date thereof, at least five (5) days before the effective day of such termination. City may, without cause, terminate this contract upon thirty (30) day's prior written notice. In either such event, all finished or unfinished documents, data, studies, reports, or other materials prepared by the Consultant shall, at the option of City, become its property. Consultant shall be entitled to receive just and equitable compensation for any satisfactory work completed. Notwithstanding the above, Consultant shall not be relieved of liability to City for damages sustained by City by virtue of any such breach of the contract by Consultant.

25. Third-Party Beneficiaries. This Agreement shall not confer any rights or remedies upon any person other than the parties and their respective successors and permitted assigns.

26. Unauthorized Aliens. That pursuant to Missouri Revised Statute Sections 285.525 through 285.555, if this contract exceeds the amount of \$5,000.00 and Consultant is associated with a business entity, Consultant shall provide an acceptable notarized affidavit stating that the associated business entity is enrolled in and participates in a federal work authorization program with respect to the employees working in connection with the contracted services, and that said business entity does not knowingly employ any person who is an unauthorized alien in connection with the contracted services. Additionally, Consultant must provide documentation for said business entity evidencing current enrollment in a federal work authorization program.

27. Waiver. Waiver of any provision of this Agreement or breach of this Agreement shall not thereafter be deemed to be a consent by the waiving party to any further waiver, modification or breach by the other party, whether new or continuing, of the same or any other covenant, condition or provision of this Agreement. Failure by one of the parties to this Agreement to assert its rights for any breach of this Agreement shall not be deemed a waiver of such rights.

IN WITNESS WHEREOF, the Parties have hereunto set their hands the date first above written.

CITY OF NEOSHO, MISSOURI

GREY CONSULTING, LLC

Richard Davidson, Mayor

Sean G. Skellie, Principal

ATTEST:

Cheyenne Wright, City Clerk

December 1, 2023
City of Neosho, MO
Richard Leavens
Development Services Director
(417) 451-8050
rleavens@neoshomo.gov

Hotel Market Study & Feasibility Analysis Proposal & Engagement Letter

Dear Mr. Leavens,

On behalf of Grey Hospitality, LLC (the “Consultant”), we are pleased to submit this proposal for a comprehensive hotel market study and feasibility analysis regarding the overall feasibility of a hotel in the Neosho, Missouri market (the “Subject Market”). Specifically, the Client is looking for the Consultant to conduct a market study and feasibility analysis for a potential lodging facility and its impact on the existing market and supply located in the greater Subject Market which is considered the “Project”. The following pages detail the Project proposal and process. The research and review of the development project will answer questions regarding the need for lodging in the market, based on observed supply and demand trends for the region supply and overall market.

The Project will evaluate the market and determine the potential of the hotel’s feasibility. The first step in this process will be our extensive market research. Upon completion of the Project, we will present the findings in a narrative report in conjunction with a personal presentation that will include: a) market trends in supply and demand; (b) a reasonable market forecast given the subject hotel’s and other properties’ entry to the area; and (c) financial projections of the subject hotel; all based on historical management of hotels and cross referenced with Costar (formally Smith Travel Research) and supportive data from the annual HOST Report and other industry metrics. The Consultant will take into consideration location, type of hotel or market class, regionality, and type of hotel asset in making financial projections; again, all detailed in the HOST Report by overall regionality, revenue and expenses reported per occupied room and per available room in accordance with the U.S Uniform System of Accounting.

The secondary part of the Project will include estimated development costs, space planning and allocation, and valuation of the project as built, in association with the proposed subject facility. The development costs will be based on the HVS Annual Hotel Development Costs Report, as well as valuation of the asset for financial feasibility based on common metrics of valuation supported by the U.S. Lodging Association.

The objective of the Project is a multifaceted approach which will determine the following objectives: It will enable the development team to understand the overall financial analysis, capital raise, debt positioning, development project costs, regional market competition, supply and demand, reveal barriers to entry within the market, propose new projects under development that could impact the hotel, and assess the demand for hotel accommodations in the market. In addition, we will address the operational costs of the hotel through a detailed 10-year financial model.

We stand apart from other firms because of our independent research, analytical approach, and the overall quality and detail of our projects. Our reputation and experience as independent boutique and branded hotel operators and developers are the reasons our clients choose to work with us over our competitors. Please ask to review a sample of our diverse services performed to date which include market feasibility, hotels previously managed, development projects, and asset managed properties.

Project Scope of Work

The Project, a market feasibility analysis, will provide a report that will clearly analyze the market as seen by hospitality industry experts, without predetermined assumptions. The complete market analysis will address the following key components:

- **Competitive Market Overview and Evaluation**— the Consultant will evaluate existing market demographics, economic viability, and visibility and accessibility to the proposed markets, specific only to the hotel and hospitality component. We will also assess the relationship of the suggested site to possible lodging demand generators, existing lodging supply, and the availability of future development sites. There will be an overview of general hotel economic trends, plus an opinion as to the desirability and feasibility of developing a hotel property in this market at the specific site. An in-depth market analysis of regional competition will allow us to perform a Comprehensive Statistical Market Study to provide all supportive research and data from prominent industry reports to verify conclusions and recommendations. We will identify competitive hotels and gather occupancy, average rates, and revenues (for either one year or the past 6 years, based on information available) using standardized industry reports.

The Project feasibility analysis will provide details on revenue projections, as well as analyze development costs, project valuation, a gap (surplus investment) analysis based on financial feasibility from information gathered, and specific operational projections for a stabilized year of operation and a 5-10-year operating model for sales revenues and operating expenses:

- The financial feasibility section will analyze specific operational projections, both for a stabilized year of operation and a 10-year operating model for sales revenues and operating expenses. The report will also present supportive research data for both the existence and absence of community amenities, such as conference centers and/or food and beverage facilities. In addition, the study will present investment analysis data for the proposed facilities

and a site evaluation based on recommended amenities. The report's comprehensive market trends and overview format will be suitable to present to developers and financing institutions.

- In the valuation of the development project, we will review the space allocation and programming of the proposed facilities, development costs comparison by hotel classification and type compared to the national averages, and valuation of the facility based on the Discounted Cash Flow ("DCF") method. The DCF method uses an estimate of projected levels of income for each year of a holding period less expenses, then arrives at a reversion value of the property at the end of the holding period and discounts the resulting cash flows at an appropriate discount rate.
- Demand generator and local companies will be interviewed, and room night impact will be evaluated. Interviews and email solicitation will be an initiative to gather regional demand.
- Upon completion of the Project, we will make a presentation and review the findings with you, key members and stake holders, city officials, and community leaders.
- Recommendations will be made at that time regarding the next steps to build a business plan, sales and marketing strategy, and development strategy. Further engagement of our firm may be made separately to discuss the findings with potential developers or financial institutions.

The Project will focus on the following items, although this is not an inclusive list:

- Options for a full, select, or limited-service hotel; number of floors; number of rooms; size and layout—recommended based on site and market demand; site selection;
- Level of accommodations—based on AAA Diamond or Mobile Travel Guide Star ratings;
- Recommendation on franchise options, soft branding, or independent boutique in nature;
- Review of available and proposed meeting and banquet spaces in the community; recommendations for including additional meeting and banquet space in the proposed subject facility;
- Potential risk/reward of meeting and banquet facilities and other amenities such as health and wellness, restaurant and non-traditional food and beverage facilities, outdoor programmed areas, and potential roof-top facilities.
- Thorough analysis of the regional supply and the demand of travelers within the market. This demand is broken into monthly and day of week trends;
- Estimate of the approximate facility usage by event type and impact to the hotel's facilities and occupancy and potential risk/reward of meeting and banquet facilities;
- Possible hotel room mix of suites and traditional guestrooms or brand-focused structure;
- Other retail business, lease space, or office space within the hotel facility;
- Amenities such as pool, exercise room, sauna, other recreational elements, and food service options—not to compete with surrounding businesses but to complement them;
- Parking requirements needed to support the hotel component;

- Potential economic impact on the city and county;
- Review of proposed development site and recommendation of site;
- Financial feasibility analysis to include potential revenues and expenses using the Uniform System of Accounting for the Lodging Industry;
- Recommendations for the city to participate through TIF or other incentives to attract developers; and other possible public incentives
- Estimates for project development costs for the subject facility as it relates to the recommended amenities and use of overall space (space allocation recommendations). This is compared to national averages and market classifications for hotel development;
- Estimates of market value, as completed, through the Income Approach on the DCF method, which considers fluctuations and changes in income and expense levels over a specified holding period; and
- Development project valuation and feasibility based on investment analysis as a basis for appraisal of the potential development needed and required by third party lenders and traditional financing.
- Overall economic impact to the community of Neosho to include job creation, tax revenue impact, number of annual occupied roomnights and estimates of increased travelers and traveler spending.

Enclosed, or available upon request, are several items, including client references and a list of similar projects and contracts that we have completed. Most recently Grey Hospitality opened www.HotelVerdant.com. Grey Hospitality did the initial market study and updated over the course of 2 years. Grey Hospitality also was the consultant that put together the design team, hired the hotel management company Charlestowne Hotel Group, and is currently the asset manager for the ownership team. Similar projects have resulted in development opportunities as listed in attachment 5 of the proposal. Attachment 4 has a detailed list of our projects over the last few years.

Project Fees

Total fees for the Project are estimated at a not to exceed amount of \$10,500, billed hourly, which does include the cost of (1) Smith Travel Report (“STR”) and trend materials.

- Fees include hourly billing rates for Principals (\$175/hour) and Administrative Assistants at (\$80/hour).
- Postage, copier, fax, renderings, special printing, or printed copies will be included as a direct expense. STR reports will be billed at cost if necessary, to run for data collection at \$750.00 per report.
- Mileage and airfare (coach rates of less than 5 hours) within reasonable travel expenses for a trip to the market, billed at government reimbursable rates and direct cost are included. Any additional trips, if deemed necessary, will be billed at the government per diem and approved in advance of the trip. Initial approval and estimate of expenses may be requested and provided in advance of the consulting.

Cost Proposal Estimates not to exceed:

DELIVERABLE	COST PER DELIVERABLE
1. Market Demand Analysis	\$ 2500
2. Project Feasibility Study	\$ 3500
3. Facility Recommendation	\$ 1500
4. Financial Projections	\$ 1500
5. Optimal Site Selection	\$1500

Before we begin work on this Project, we ask that you provide us with an advance deposit of \$5,000, which will be posted as payment towards future fees. We will credit the amount of the advance against our fees and costs as we incur them.

An exact start and completion date will be determined upon receipt of the signed Engagement Letter and advance payment. We will aim to complete the Project study within 60-90 days of the agreed-upon start date, based on our schedule of work. Should there be unforeseen delays that would change the completion date, we will communicate with you accordingly. Given the potential for unforeseen delays, the time frame identified above is an estimate and not a guarantee. If there is a strict deadline for the final product, please provide us with that information and we will make sufficient arrangements to comply with your desired timeline.

After you have had an opportunity to review this proposal and the enclosed Engagement Letter, we can schedule a time for a conference call to discuss the Project in more detail. If the Proposal and Engagement Letter are acceptable to you, and you wish to accept the terms of the engagement, please sign, and return the Engagement Letter with a check for the above-mentioned advance deposit. Once all is received, we can commence work on this important Project, and we will schedule a date for the market inspection.

Thank you again for this opportunity. We are pleased to be of assistance to you and your team.

Sincerely,



Sean Skellie



Grey Hospitality, LLC
Hospitality Consulting
Member of Cayuga Hospitality Consultants
The International Network of Hospitality Consulting Professionals
www.CayugaHospitality.com | 262.442.4720 | Sean.Skellie@Gmail.com



Grey Hospitality, LLC The “Consultant”
Hospitality Consulting
Hotel Market Study & Feasibility Analysis
Neosho, Missouri
Project Engagement Letter
October 25th, 2023

Your signature below as “Client” signifies your agreement to employ Grey Hospitality, LLC (the “Consultant”) for the Project and services outlined in the above proposal (the “Proposal”) and signifies your acceptance of the terms and conditions set forth in this Engagement Letter (hereafter, the “Agreement”). The terms of the Proposal are incorporated into this Agreement, by reference, as if fully set forth herein. For additional reference, a summary of the Proposal is as follows:

Project Assignment:	Hotel Market Study & Feasibility Analysis for: Neosho, Missouri (the “Project”)
Client:	City of Neosho Richard Leavens Development Services Director
Start Date:	Receipt of the required retainer and secondarily the signed agreement.
Project Timing:	Approximately 60 days from the start date- 30 days for draft and financials
Project Fee:	\$10,500 not to exceed defined in detail above, billed hourly. All fees due upon completion.
Advance Deposit & Retainer:	\$5,000
Additional Expenses:	Reasonable travel costs and STR Report is included in the proposal amount.
Deliverable:	Electronic version of Project and all of the supportive materials

Terms of Engagement

Fees and Estimates: The Consultant’s fees will be based on the time spent by the Consultant or Administrative Assistant working on the Project, multiplied by each person’s respective hourly billing rate at that time. Fees include hourly billing rates of Principals (\$175/hour) and Administrative Assistants (\$80/hour). In addition to our fees, we also charge for all expenses incurred and any disbursements made on the Client's behalf. The fees and expenses relating to this Project are not predictable. Accordingly, we have made no commitment concerning the maximum fees and expenses that will be necessary to complete the Project. Any estimate of fees and expenses that we may discuss represent only an estimate of those fees and expenses. It is expressly understood that payment of both the Consultant’s fees and costs are in no way contingent upon the ultimate outcome of the Project.

Billing: Statements will be rendered in the ordinary course of business for work performed and expenses incurred, as of that date. Our statements will include descriptions of work performed on your behalf, along with the rate and amount of time billed. Payment of fees and expenses are due promptly upon receipt of our statement. If any statement remains unpaid for more than 30 days, a late charge may be imposed on the outstanding balance at the rate of 1% per month. In such a case, we also may cease performing services for you until arrangements satisfactory to us have been made for payment of outstanding statements and the payment of future fees and expenses.

In the event that any lawsuit or other action is instituted to enforce any provision in this Agreement, the prevailing party in such dispute shall be entitled to recover all fees, costs, and expenses of enforcing any right of such prevailing party arising out of this Agreement, including reasonable attorneys' fees and all costs of collection of any judgment obtained in such action, including reasonable attorneys' fees.

Communications: We may, at our discretion, communicate with and transmit documents to you and/or other appropriate individuals regarding this matter via e-mail and/or facsimile. We will assume any such information we are provided is correct. You should not use e-mail addresses or facsimile machines to which third parties may have access. Regardless, e-mails and facsimiles might not be confidential. They can be intercepted and read, disclosed, or otherwise used by or communicated to third parties. We cannot guarantee or warrant those e-mails or facsimiles will be properly delivered and read only by the addressee. Nor can we guarantee or warrant those e-mails and facsimiles are immediately read or acted upon; they are read in the normal course of business. By entering into this Agreement, you are indicating that you want us to communicate and transmit documents, at our discretion, via e-mail and/or facsimile, that you understand our e-mail and facsimile policy, and that you understand and assume the risks associated with the use of these methods of communication and transmission.

Independent Contractor Status: The Consultant is an independent contractor and will maintain a separate legal identity and entity. There is no indication in this engagement that we, or the contracted Client named below, are business partners or have formed a joint venture to complete the Project. All of your business interests, business data, policies, procedures, operations, and other information shall remain confidential and will not to be disclosed without the written permission of both parties.

Certification, Assumptions, and Limiting Conditions Statement

The Project is presented to provide information on the market in which the subject property will perform. The content of the final Project is to be used in whole and not in part. The research provided for this Project will be obtained from the review of supportive data and information related to the target market.

The Consultant assumes no responsibility for information that becomes outdated after the final Project is written, nor is the Consultant responsible for keeping this information current after the presentation of the Project to the Client. The Consultant takes no responsibility for any events or circumstances that occur subsequent to the date of our field inspection.

None of the Project materials may be reproduced in any form without the Consultant's express written permission, and the Project cannot be disseminated to the public through advertising, news, sales, or any other form of media.

It is understood and agreed that the results presented in the final Project are the opinions of the Consultant and based upon information available at that time. Those opinions will infer proper and professional consultation and management of the business operation. The opinions also presume that market conditions do not change.

The Client hereby agrees to release, indemnify, and hold harmless the Consultant from any and all claims, liabilities, costs, damages, and expenses arising out of or based upon any misstatement or omission in any material, information, or representation supplied to the Client arising from any work performed by the Consultant related to the Project.

In no event shall the Consultant be liable to Client or any third party for any general, special, indirect, incidental or consequential damages (including, without limitation, indirect, special, punitive, or exemplary damages for loss of business, loss of profits, business interruption, breach of this agreement, or lost or damaged data) arising out of or connected in any way with this Project, Agreement, or any services rendered by the Consultant, even if Consultant has been advised of the possibility of such damages. The total liability of Consultant to Client for all damages, losses, and causes of action (whether in contract, tort (including negligence), or otherwise) shall not exceed the total fees paid to the Consultant by Client in relation to this Project, minus expenses incurred by the Consultant.

The Consultant routinely seeks opportunities to consult, develop, and manage boutique and branded hotels in the region. Our consulting engagements include a fee structure for a specific scope of work. These engagements occasionally result in a minor equity interest or long-term management contract for a prospect facility. The Consultant has no current or contemplated interests in the real estate that is the subject of this report. The fee paid for the preparation of this report is not contingent upon the conclusions or the occurrence of a subsequent event directly related to the intended use of this Project or that our engagement was contingent upon developing or reporting predetermined results.

The Consultant will prepare and issue the final Project to the Client once complete. The statements of fact presented in this Project will be true and correct, to the best of the Consultant's knowledge, and are rendered by the staff as employees rather than as individuals. The Project analyses, opinions, and conclusions presented are limited only by the assumptions, and limiting conditions set forth therein, and are the Consultant's personal, impartial, and unbiased professional analyses, opinions, and conclusions.

The Consultant has extensive experience in the hospitality industry, hotel and restaurant management, hospitality development, and in the evaluation of hotels. The Consultant believes it is competent and qualified to undertake this study. This report is intended for the benefit of the Client and may or may not prove to be

acceptable for external investing and/or lending purposes. An investor or lender may require additional information concerning this market's ability to support this hotel. The Consultant's responsibility is limited to the Client. Use of the final Project report by others shall be solely at the risk of the Client and/or third parties.

The Consultant will use all reasonable efforts to complete the Project and perform the services described in the Proposal and this Agreement within any agreed upon timeframe. However, the Consultant shall not be liable for failures or delays in performance that arise from causes beyond its control, including the untimely performance by the Client of its obligations as set out in the Proposal, this Agreement, and any other contract between the Consultant and the Client.

The Client or Consultant may terminate this arrangement at any time by providing a written notice to that effect. Should this Agreement be terminated, Client shall be responsible for the payment of all fees incurred, billed, or billable to that date, including out-of-pocket disbursements incurred by the Consultant, and the advance payment outlined in the Proposal and this Agreement.

The parties hereby agree that this document contains the entire agreement between the parties and this Agreement shall not be modified, changed, altered, or amended in any way except through a written amendment signed by all of the parties hereto. Additionally, in the event any provision of this Agreement is determined to be void or unenforceable, such determination shall not affect the remainder of this Agreement, which shall continue to be in force.

The undersigned Client personally agrees to the scope of the above-described Proposal and Agreement terms and conditions, on the date executed below. To schedule the proposed work, we ask that you return a signed copy of this Agreement with the advance deposit, within 60 days of the date of the November 21 RFP due date.

Client: _____

Title: _____

Signature: _____

Date: _____

Contact Information: _____

Grey Hospitality, LLC
Sean G. Skellie, Principal

Signature: _____

Date: _____

Return Address: 1426 Mohican Trail, Waukesha WI 53189
Electronic Payment Routing: 121000248 Account: 8718-024-899

AGREEMENT
FOR CONSULTING SERVICES

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e. Consultant shall fully coordinate its activities in the performance of this contract with the activities of City.

f. Consultant represents that Consultant will secure the following at Consultant's own expense: all personnel required to perform the services called for under this contract by Consultant. Such personnel shall not be employees of or have any contractual relationship with City except as employees of Consultant. All the services required hereunder will be performed by Consultant or under Consultant's direct supervision and all personnel engaged in the work shall be fully qualified and shall be authorized under state and local law to perform such services. None of the work or services covered by this contract shall be subcontracted without the written approval of City.

2. Amendments. The covenants and obligations herein contained are the full and complete terms of this Agreement, and no alteration, amendments, or changes to such terms shall be binding unless first reduced to writing and executed with the same formality as this Agreement.

3. Assignment. This Agreement, including payment hereunder, shall not be sub-let, assigned, or otherwise disposed of, except with the prior written consent of the City.

4. Attorney's Fees and Expenses. Intentionally omitted.

5. Choice of Law and Venue. This Agreement has been made, and its validity, performance and effect shall be determined, in accordance with the laws of the State of Missouri and venue for litigation between the parties shall be solely and exclusively in Newton County, Missouri.

6. Compliance with Laws. Consultant shall observe and comply with all Federal, State, and local laws and ordinances that affect those employed or engaged by it on the project, or the material or equipment used, or the conduct of the work, and shall procure all necessary licenses, permits, and insurance.

7. Confidentiality. Intentionally omitted.

8. Consequential Damages. In no event shall City be liable to Contractor for special, indirect, or consequential damages.

9. Contract Documents. The contract documents shall consist of the following: this Agreement, City's Request for Proposal, and Consultant's Response to City's Request for Proposal. In the event of conflict between the contract documents, this Agreement will prevail. In the event of conflict between City's Request for Proposal and Consultant's Response to City's Request for Proposal, City's Request for Proposal will prevail.

10. Counterparts. This Agreement may be signed in counterparts, each of which shall be deemed an original, but all of which shall constitute one and the same instrument. Facsimile signatures shall be given the same force and effect as original signatures.

11. Entire Agreement. This Agreement (including any Exhibits) contains the entire understanding of the parties with respect to the subject matter hereof. It may not be altered or amended except by an agreement in writing signed by both parties.

12. Ethics. Consultant warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for Consultant, to solicit or secure this Agreement, and that it has not paid or agreed to pay any company or person, other than a bona fide employee working solely for Consultant, any fee, commission, gift, or contingent fee.

13. Fiduciary Duty. Consultant owes a fiduciary duty to City, including the duty of care and the duty of loyalty. Consultant shall act in the best interest of City.

14. Headings. The headings of paragraphs in this Agreement are for convenience only. The headings form no part of this Agreement and shall not affect its interpretation.

15. Indemnification. Consultant hereby assumes all risk of, and responsibility for, and agrees to indemnify and save harmless City, from and against any and all claims, demands, suits, actions, recoveries, judgments, costs, and expenses, including reasonable attorney's fees and expenses, therewith made, brought or obtained on account of the loss of life or property or injury or damage to the person or property of any person or persons whomsoever, whether such person or persons be Consultant, its agents or employees, or City, its agents or employees, or any third-person in any way connected with the parties hereto, which loss of life or property, or injury or damage to persons or property, shall be due to, or arise out of, result from, or be in any way connected with, this Agreement, except to the extent arising from or caused by the sole or gross negligence or willful misconduct of City, its agents or employees.

16. Independent Contractor. This Agreement does not create an employer-employee relationship between the parties. Consultant is an independent contractor and is not entitled to any benefits including health, dental, vision, disability, life, and unemployment insurance, worker's compensation coverage, and LAGERS. Consultant is an independent contractor and not an employee for all purposes including the application of the Fair Labor Standards Act Minimum Wage and Overtime Payments, Federal Insurance Contribution Act, Social Security Act, Federal Unemployment Tax Act, and the provisions of the Internal Revenue Code, Missouri Revenue and Taxation Laws, and Missouri's Worker Compensation Laws and Unemployment Insurance Laws.

17. Insurance. Intentionally omitted.

18. Intellectual Property. Intentionally omitted.

19. Non-Appropriation. Intentionally omitted.

20. Notices. All notices required or permitted hereinunder and required to be in writing may be given by first class mail addressed to City and Consultant at the addresses as follows:

City of Neosho, Missouri
ATTN: City Manager

Grey Consulting LLC
ATTN: Sean G. Skellie

203 E. Main St.
Neosho, MO 64850

1426 Mohican Trail
Waukesha, WI 53189

The date of delivery of any notice given by mail shall be the date falling on the second full day after the day of its mailing.

21. Records and Audits. The Consultant shall maintain accounts and records, including personnel, property, and financial records, adequate to identify and account for all costs pertaining to the Contract and such other records as may be deemed necessary by the City to assure proper accounting for all project funds. These records will be made available for audit purposes to the City or any authorized representative, and will be retained for three years after the expiration of this Contract.

22. Representations. The signatories hereto represent and warrant that they have read this Agreement, that they are fully authorized in the capacities shown, that they understand the terms of this Agreement, and that they are executing the same voluntarily and solely for the consideration described herein.

23. Severability. If any of the provisions of this Agreement shall be construed to be invalid or illegal, the legality or validity of the other provisions of this Agreement shall not be effected thereby. Any illegal or invalid provision of this Agreement shall be severable and any other provisions shall remain in full force and effect.

24. Termination. If, through any cause, Consultant shall fail to fulfill in a timely and proper manner Consultant's obligations under this contract, or if Consultant shall violate any of the covenants, agreements, or stipulations of this contract, City shall thereupon have the right to terminate this contract by giving written notice to Consultant of such termination and specifying the effective date thereof, at least five (5) days before the effective day of such termination. City may, without cause, terminate this contract upon thirty (30) day's prior written notice. In either such event, all finished or unfinished documents, data, studies, reports, or other materials prepared by the Consultant shall, at the option of City, become its property. Consultant shall be entitled to receive just and equitable compensation for any satisfactory work completed. Notwithstanding the above, Consultant shall not be relieved of liability to City for damages sustained by City by virtue of any such breach of the contract by Consultant.

25. Third-Party Beneficiaries. This Agreement shall not confer any rights or remedies upon any person other than the parties and their respective successors and permitted assigns.

26. Unauthorized Aliens. That pursuant to Missouri Revised Statute Sections 285.525 through 285.555, if this contract exceeds the amount of \$5,000.00 and Consultant is associated with a business entity, Consultant shall provide an acceptable notarized affidavit stating that the associated business entity is enrolled in and participates in a federal work authorization program with respect to the employees working in connection with the contracted services, and that said business entity does not knowingly employ any person who is an unauthorized alien in connection with the contracted services. Additionally, Consultant must provide documentation for said business entity evidencing current enrollment in a federal work authorization program.

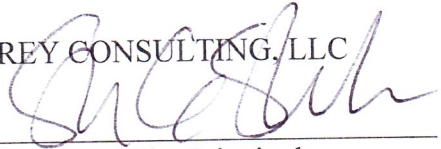
27. Waiver. Waiver of any provision of this Agreement or breach of this Agreement shall not thereafter be deemed to be a consent by the waiving party to any further waiver, modification or breach by the other party, whether new or continuing, of the same or any other covenant, condition or provision of this Agreement. Failure by one of the parties to this Agreement to assert its rights for any breach of this Agreement shall not be deemed a waiver of such rights.

IN WITNESS WHEREOF, the Parties have hereunto set their hands the date first above written.

CITY OF NEOSHO, MISSOURI

Richard Davidson, Mayor

GREY CONSULTING, LLC



Sean G. Skellie, Principal

ATTEST:

Cheyenne Wright, City Clerk

REQUESTED COUNCIL MEETING DATE: December 5, 2023

ITEM: Bill No. 2023-197: HSTCC MO-DED CDBG Downtown Revitalization

ORIGINATING DEPARTMENT: Development Services Department

ATTACHMENT:

1. Bill No. 2023-197 MO DED CDBG Downtown Revitalization
 2. HSTCC RE MO DED CDBG Downtown Revitalization
-

PURPOSE:

The purpose of this item is to gain council's approval for the mayor to sign an ordinance and Memorandum of Understanding with the Harry S Truman Coordinating Council.

BACKGROUND:

The city wishes to work with the Harry S Truman Coordinating Council in applying for a Missouri Department of Economic Development CDBG Grant for Downtown Revitalization Grant. This ordinance and MOU establish the relationship between the city and HSTCC for the purpose of applying for and administering this application and grant.

RECOMMENDATION:

Staff recommends the council authorizes the mayor's signature on the ordinance and MOU.

AN ORDINANCE authorizing the City of Neosho, Missouri, to enter into an Agreement with the Harry S Truman Coordinating Council, a political subdivision of the State of Missouri, for the purpose of applying for a Missouri Department of Economic Development Community Development Block Grant Downtown Revitalization grant; and authorizing the Mayor to execute the same by and on behalf of the City of Neosho.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF NEOSHO, MISSOURI, as follows:

Section 1. That the Agreement by and between the City of Neosho, Missouri, and the Harry S Truman Coordinating Council, a political subdivision of the State of Missouri, for the purpose of applying for a Missouri Department of Economic Development Community Development Block Grant Downtown Revitalization grant, a true and accurate copy of said Agreement being attached hereto and incorporated as Exhibit "A," be and the same is hereby approved.

Section 2. That the Mayor of the City of Neosho, Missouri, is hereby authorized and directed to execute said Agreement by and on behalf of the City of Neosho.

Section 3. That this Ordinance shall be in full force and effect from and after its passage.

PASSED BY THE COUNCIL OF THE CITY OF NEOSHO, MISSOURI, this ____ day of _____, 2023, by a vote of _____.

Richard Davidson, Mayor

ATTEST:

Cheyenne Wright, City Clerk

APPROVED AS TO FORM:

Jordan L. Paul, City Attorney



Memorandum of Understanding

This MEMORANDUM OF UNDERSTANDING AND AGREEMENT is made and entered into this ____ day of _____, 2023 (“the Effective Date”), by and between the City of Neosho, Missouri, a Missouri Municipal Corporation (hereinafter referred to as “City”), and the Harry S Truman Coordinating Council, a political subdivision of the State of Missouri (hereinafter referred to as “HSTCC”), with City and HSTCC being referred to collectively as “the Parties”.

1. Purpose and Scope. This Memorandum of Understanding (MOU) establishes the terms and understanding between City and HSTCC concerning administration of the Missouri Department of Economic Development (MO DED) Community Development Block Grant (CDBG) for Downtown Revitalization (“the Grant”).

2. Responsibilities of HSTCC. HSTCC will:

- A. Serve as grant administrator.
- B. Coordinate and oversee the application process for the Grant.
- C. Manage and disburse funds in accordance with grant guidelines and agreed-upon project plans.
- D. Ensure compliance with all federal, state, and local regulations related to the Grant.
- E. Provide regular progress reports to City and relevant stakeholders.
- F. Facilitate communication and coordination among all parties involved in the project.
- G. Address any issues or concerns that arise during the project.

3. Responsibilities of City. City will:

- A. Collaborate with HSTCC in the preparation and submission of the grant application.
- B. Provide necessary information and documentation as required for the grant application and administration.
- C. Assist in the coordination of project activities within the city.
- D. Support HSTCC in ensuring project compliance with local regulations and standards.
- E. Facilitate community engagement and feedback regarding the downtown revitalization project.
- F. Agrees to pay invoices within 30 days and provide proof of payments for grant reporting.
- G. Agrees that if CDBG denies administrative funding, HSTCC will be paid \$10,000. Typical CDBG administration funding is 10% +\$10,000. HSTCC agrees to forfeit the 10% in the case that CDBG does not approve administration funding. If the grant application is denied, City shall have no financial obligation whatsoever.

4. Amendments. The covenants and obligations herein contained are the full and complete terms of this Agreement, and no alteration, amendments, or changes to such terms shall be binding unless first reduced to writing and executed with the same formality as this Agreement.

5. Assignment. This Agreement, including payment hereunder, shall not be sub-let, assigned, or otherwise disposed of, except with the prior written consent of the City.



6. Choice of Law and Venue. This Agreement has been made, and its validity, performance and effect shall be determined, in accordance with the laws of the State of Missouri and venue for litigation between the parties shall be solely and exclusively in Newton County, Missouri.

7. Consequential Damages. In no event shall City be liable to District for special, indirect, or consequential damages.

8. Counterparts. This Agreement may be signed in counterparts, each of which shall be deemed an original, but all of which shall constitute one and the same instrument. Facsimile signatures shall be given the same force and effect as original signatures.

9. Entire Agreement. This Agreement (including any Exhibits) contains the entire understanding of the parties with respect to the subject matter hereof. It may not be altered or amended except by an agreement in writing signed by all parties.

10. Headings. The headings of paragraphs in this Agreement are for convenience only. The headings form no part of this Agreement and shall not affect its interpretation.

11. Notices. All notices required or permitted hereinunder and required to be in writing may be given by first class mail addressed to City and HOA at the addresses as follows:

City of Neosho, Missouri
Attn: City Manager
203 E. Main St.
Neosho MO 64850

Harry S Truman Coordinating Council
Attn: Carrie Campbell
107 N. Jefferson St.
Neosho, MO 64850

The date of delivery of any notice given by mail shall be the date falling on the second full day after the day of its mailing.

12. Representations. The signatories hereto represent and warrant that they have read this Agreement, that they are fully authorized in the capacities shown, that they understand the terms of this Agreement, and that they are executing the same voluntarily and solely for the consideration described herein.

13. Severability. If any of the provisions of this Agreement shall be construed to be invalid or illegal, the legality or validity of the other provisions of this Agreement shall not be effected thereby. Any illegal or invalid provision of this Agreement shall be severable and any other provisions shall remain in full force and effect.

14. Termination. City reserves the right to terminate this contract by giving at least ten (10) days prior written notice to District, without prejudice to any other rights or remedies of City, should District fail or refuse to make prompt payment under the contract, or persistently disregard instructions of City, or fail to observe or perform any provisions of the contract. Prior to submission of the application described in paragraphs 2.b and 3.b, either party may terminate this Agreement, without cause, by giving the other party ten (10) days' written notice of the same.



15. Third-Party Beneficiaries. This Agreement shall not confer any rights or remedies upon any person other than the parties and their respective successors and permitted assigns.

16. Waiver. Waiver of any provision of this Agreement or breach of this Agreement shall not thereafter be deemed to be a consent by the waiving party to any further waiver, modification or breach by the other party, whether new or continuing, of the same or any other covenant, condition or provision of this Agreement. Failure by one of the parties to this Agreement to assert its rights for any breach of this Agreement shall not be deemed a waiver of such rights.

IN WITNESS WHEREOF, the Parties hereto have executed this Agreement as of the date written above.

CITY OF NEOSHO, MISSOURI

HARRY S TRUMAN
COORDINATING COUNCIL

Richard Davidson, Mayor

Carrie Campbell, Executive Director

ATTEST:

Cheyenne Wright, City Clerk

REQUESTED COUNCIL MEETING DATE: December 5, 2023

ITEM: Bill No. 2023-198: Hugh Robinson Airport - MoDOT Aviation Grant # 21-096A-2 Amendment

ORIGINATING DEPARTMENT: Development Services Department

ATTACHMENT:

1. Bill No. 2023-198 agreement w MoDOT RE CDBG airport improvement program - amended 2023
 2. Amended Agreement with MODOT 21-096A-2 Airport
-

PURPOSE:

The purpose of this item is to gain the council's approval for the mayor to sign an amendment to MoDOT Aviation Grant 21-096A for the taxiway construction project.

BACKGROUND:

The city has received a grant from MoDOT Aviation to construct taxiways for a pending hanger project at the Neosho Hugh Robinson Airport. The amendment is required to receive funds to cover costs over the original budgeted amount.

RECOMMENDATION:

Staff recommend council authorize the mayor to sign the grant amendment.

AN ORDINANCE authorizing the City of Neosho, Missouri, to enter into a First Amendment to Agreement with the Missouri Highways and Transportation Commission, a political subdivision of the State of Missouri, for the purpose of accepting additional community development block grant program funding for airport improvement in the amount of Four Hundred Five Thousand Five Hundred Four and 00/00 Dollars (\$405,504.00); and authorizing the Mayor or his designee to execute the same by and on behalf of the City of Neosho.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF NEOSHO, MISSOURI, as follows:

Section 1. That the First Amendment to Agreement by and between the City of Neosho, Missouri, and the Missouri Highways and Transportation Commission, a political subdivision of the State of Missouri, for the purpose of accepting additional community development block grant program funding for airport improvement in the amount of Four Hundred Five Thousand Five Hundred Four and 00/00 Dollars (\$405,504.00), a true and accurate copy of said Agreement being attached hereto and incorporated as Exhibit "A," be and the same is hereby approved.

Section 2. That the Mayor or his designee is hereby authorized and directed to execute said Agreement by and on behalf of the City of Neosho, Missouri.

Section 3. That this Ordinance shall be in full force and effect from and after its passage.

PASSED BY THE COUNCIL OF THE CITY OF NEOSHO, MISSOURI, this ____ day of _____, 2023, by a vote of _____.

Richard Davidson, Mayor

ATTEST:

Cheyenne Wright, City Clerk

APPROVED AS TO FORM:

Jordan L. Paul, City Attorney

CCO Form: MO18

Approved: 05/94 (MLH)

Revised: 08/23 (MWH)

Modified:

Sponsor: City of Neosho

Project No.: 21-096A-2

CFDA Number: CFDA #20.106

CFDA Title: Airport Improvement Program

Federal Agency: Federal Aviation Administration, Department of Transportation

**MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
AMENDMENT TO STATE BLOCK GRANT AGREEMENT**

AMENDMENT #1

THIS AMENDMENT AGREEMENT is entered into by the Missouri Highways and Transportation Commission (hereinafter, "Commission") and the City of Neosho (hereinafter, "Sponsor").

WITNESSETH:

WHEREAS, the parties entered into an Agreement executed by the Sponsor on October 6, 2021, and executed by the Commission on October 8, 2021, (hereinafter, "Original Agreement") under which the Commission granted the sum not to exceed Two Hundred Ten Thousand Two Hundred Eighty-Five Dollars (\$210,285) Dollars to the Sponsor to assist with Design and Construct T-Hangar Taxilanes; and

WHEREAS, the Commission previously approved funds for Design and Construct T-Hangar Taxilanes; and

WHEREAS, the level of funding originally approved is not sufficient to cover the costs associated with Design and Construct T-Hangar Taxilanes.

WHEREAS, the Commission has sufficient funds to increase the grant amount for Design and Construct T-Hangar Taxilanes.

NOW, THEREFORE, in consideration of the mutual covenants, promises and representations in this Agreement, the parties agree as follows:

(1) **ADDITIONAL GRANT:** The Commission grants to the Sponsor an additional sum not to exceed Three Hundred Ninety Six Thousand Five Hundred Two Dollars (\$396,502) for Design and Construct T-Hangar Taxilanes subject to the following conditions:

(A) The Sponsor shall provide matching funds of not less than Nine Thousand and Two Dollars (\$9,002) toward the project in addition to those previously committed by the Sponsor in the Original Agreement.

(B) The project will be carried out in accordance with the assurances (Exhibit 1) given by the Sponsor to the Commission as specified in the Original Agreement.

(C) This Amendment shall expire and the Commission shall not be obligated to pay any part of the costs of the project unless this grant amendment has been executed by the Sponsor on or before December 31, 2023, or such subsequent date as may be prescribed in writing by the Commission.

(D) Based upon the revised project schedule, the original project time period of December 31, 2023, will be extended to December 31, 2024, to allow for completion of the work. Paragraph (2) of the Original Agreement is hereby amended accordingly.

(E) All other terms and conditions of the Original Agreement entered into between the parties shall remain in full force and effect.

[Remainder of Page Intentionally Left Blank]

IN WITNESS WHEREOF, the parties have entered into this Agreement on the date last written below.

Executed by Sponsor on _____(date).

Executed by Commission on _____(date).

MISSOURI HIGHWAYS AND
TRANSPORTATION COMMISSION

CITY OF NEOSHO

By:_____

By:_____

Title:_____

Title:_____

Attest:

Attest:

By:_____

Secretary to the Commission

Title:_____

Approved as to Form:

Approved as to Form:

Commission Counsel

By:_____

Title:_____

Ordinance No.:_____
(if applicable)

CERTIFICATE OF SPONSOR'S ATTORNEY

I, _____, acting as attorney for the Sponsor do hereby certify that in my opinion the Sponsor is empowered to enter into the foregoing grant Agreement under the laws of the State of Missouri. Further, I have examined the foregoing grant Agreement and the actions taken by said Sponsor and Sponsor's official representative have been duly authorized and that the execution thereof is in all respects due and proper and in accordance with the laws of the said state and the Airport and Airway Improvement Act of 1982, as amended. In addition, for grants involving projects to be carried out on property not owned by the Sponsor, there are no legal impediments that will prevent full performance by the Sponsor. Further, it is my opinion that the said grant constitutes a legal and binding obligation of the Sponsor in accordance with the terms thereof.

CITY OF NEOSHO

Name of Sponsor's Attorney (typed)

Signature of Sponsor's Attorney

Date _____

Certificate Of Completion

Envelope Id: 686F5B7284B0495CB71ABD14CEA3EBBD

Status: Sent

Subject: Complete with DocuSign: 2023-11-82581.pdf

Source Envelope:

Document Pages: 4

Signatures: 0

Envelope Originator:

Certificate Pages: 6

Initials: 0

Michelle Niles

AutoNav: Enabled

1860 Michael Faraday Drive

Envelopeld Stamping: Enabled

Suite 100

Time Zone: (UTC-06:00) Central Time (US & Canada)

Reston, VA 20190

michelle.niles@modot.mo.gov

IP Address: 168.166.80.221

Record Tracking

Status: Original

Holder: Michelle Niles

Location: DocuSign

11/30/2023 9:29:42 AM

michelle.niles@modot.mo.gov

Signer Events**Signature****Timestamp**

richard leavens

Sent: 11/30/2023 9:55:16 AM

rleavens@neoshomo.gov

Resent: 11/30/2023 11:39:28 AM

Security Level: Email, Account Authentication
(Optional), Access Code

Viewed: 11/30/2023 1:54:42 PM

Electronic Record and Signature Disclosure:

Accepted: 11/30/2023 1:54:42 PM

ID: 0b5e15fc-d7b5-4066-8f50-cffe3b882b74

Cheyenne Wright

cwright@neoshomo.org

Security Level: Email, Account Authentication
(Optional), Access Code**Electronic Record and Signature Disclosure:**

Accepted: 4/11/2023 8:59:32 AM

ID: 4d2630d2-5a29-4bd1-9122-f70ec7ab3205

Jordan L. Paul

jpaul@neoshomo.org

Security Level: Email, Account Authentication
(Optional), Access Code**Electronic Record and Signature Disclosure:**

Accepted: 4/11/2023 12:47:05 PM

ID: 4de33e5d-d5d5-47c7-9932-517828a94de9

Megan L. Waters-Hamblin

Megan.Waters-Hamblin@modot.mo.gov

Security Level: Email, Account Authentication
(Optional)**Electronic Record and Signature Disclosure:**

Not Offered via DocuSign

Eric E. Schroeter

Eric.Schroeter@modot.mo.gov

Security Level: Email, Account Authentication
(Optional)**Electronic Record and Signature Disclosure:**

Not Offered via DocuSign

Pamela J. Harlan

pamela.harlan@modot.mo.gov

Security Level: Email, Account Authentication
(Optional)**Electronic Record and Signature Disclosure:**

Signer Events	Signature	Timestamp
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In Person Signer Events	Signature	Timestamp
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Editor Delivery Events	Status	Timestamp
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Agent Delivery Events	Status	Timestamp
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Intermediary Delivery Events	Status	Timestamp
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Certified Delivery Events	Status	Timestamp
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Carbon Copy Events	Status	Timestamp
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Dana L. Kaiser

Dana.Kaiser@modot.mo.gov

Security Level: Email, Account Authentication
(Optional)

Electronic Record and Signature Disclosure:
Not Offered via DocuSign

Tara Herx

Tara.Herx@modot.mo.gov

Security Level: Email, Account Authentication
(Optional)

Electronic Record and Signature Disclosure:
Not Offered via DocuSign

Jennifer Jorgensen

jennifer.jorgensen@modot.mo.gov

Security Level: Email, Account Authentication
(Optional)

Electronic Record and Signature Disclosure:
Accepted: 6/7/2023 9:45:35 AM
ID: 43e1faf8-03d4-4d0e-95b0-9dcba940a033

Lisa Gerling

lisa.gerling@modot.mo.gov

Security Level: Email, Account Authentication
(Optional)

Electronic Record and Signature Disclosure:
Not Offered via DocuSign

Ian Wright

iwright@hwlochner.com

Security Level: Email, Account Authentication
(Optional)

Electronic Record and Signature Disclosure:
Not Offered via DocuSign

Lesley Branch

Lesley.Branch@modot.mo.gov

Security Level: Email, Account Authentication
(Optional)

Electronic Record and Signature Disclosure:
Not Offered via DocuSign

Michelle Niles

michelle.niles@modot.mo.gov

Security Level: Email, Account Authentication
(Optional)

Carbon Copy Events	Status	Timestamp
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Electronic Record and Signature Disclosure:
Not Offered via DocuSign

Witness Events	Signature	Timestamp
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Notary Events	Signature	Timestamp
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Envelope Summary Events	Status	Timestamps
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Envelope Updated	Security Checked	11/30/2023 11:39:27 AM

Payment Events	Status	Timestamps
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Electronic Record and Signature Disclosure
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**Missouri Highways and Transportation Commission
DocuSign, Inc. Express Electronic Signature Agreement**

The Missouri Highways and Transportation Commission (hereinafter, Commission), acting by and through the Missouri Department of Transportation (MoDOT) is willing to provide to the Authorized Representative of the Contractor/Vendor/Consultant (Entity) who is duly authorized to act on behalf of said Entity (hereinafter you or I) and accept from you your electronically affixed authorized signature and seal, as required to validate a binding agreement between the Commission and the Entity, on all Commission/MoDOT documents, including but not limited to disclosures, agreements, contracts, notices, purchase orders, change orders, modifications, amendments, supplements, correspondence, and the like, (hereinafter, Commission Documents) that are processed, generated, and exchanged by and between the Commission and you, acting on behalf of the Entity, electronically through the utilization of the DocuSign, Inc. Express (DocuSign) eSignature Application. In consideration of mutual covenants, you agree as follows:

- 1) You are the person duly authorized and designated by the Entity to receive, access and agree to the terms of this agreement on behalf of the Entity by clicking the Agree button below.
- 2) You have the authority to specifically consent and agree that the Commission, in its discretion, provide all disclosures, agreements, contracts, notices, purchase orders, change orders, modifications, amendments, supplements, correspondence, and all other evidence of the transaction between the Commission and the Entity electronically (hereinafter all such documentation is referred to as electronic record(s)).
- 3) The email address, User ID and password authorized to access the electronic agreement via DocuSign are your own and are not shared with any other person.
- 4) All of the required notices and disclosures will be sent to the email address authorized through DocuSign.
- 5) You are duly authorized to receive electronically through DocuSign, access and act upon all electronic records, to provide all required information and electronically affix your signature and seal, as applicable, on behalf of the Entity named in such Commission Documents via DocuSign,.
- 6) The system through which you are accessing DocuSign and its eSignature Application meets the minimum requirements to access DocuSign, view, receive, retrieve, download, print, store, send and transmit all electronic records and any and all other communications sent to you from the Commission through the DocuSign web site.
- 7) All communications in electronic format from the Commission to you through DocuSign are considered in-writing. You have the ability to download and print any documents processed through DocuSign for 30 calendar days after such documents are first sent, as long as you are an authorized user of the DocuSign system. After such time, you may request copies by contacting the Commission through the Secretary to the Commission at mhtc@modot.mo.gov or by telephone at 573-751-2824. You shall print or download for your records a copy of any communication that is important to you to retain.
- 8) You have implemented appropriate security measures to ensure that only you have access through DocuSign to receive, access and electronically affix signatures to electronic records, as applicable, Commission/MoDOT sends to you through DocuSign. It is your sole responsibility to ensure your adequate protection, confidentiality and secrecy of the DocuSign Authentication Code, and any other user ID and/or Password combinations that may be required for you to access the DocuSign eSignature services and any disclosure thereof to any other person or

communication thereof through unsecure medium, such as traditional electronic mail, shall be entirely at your risk. You shall be liable for any unauthorized usage of your ID/Password combination and the DocuSign Authentication Code.

9) You agree and authorize the Commission to respond to and act upon any and all transactions initiated and transmitted by you electronically through DocuSign. Any transaction initiated and transmitted by you to the Commission through DocuSign and its eSignature application shall be deemed to have been authorized by you, and the Commission is entitled to assume that the said transactions are so authorized by you and the Commission shall be protected upon acting thereon.

10) You shall be fully liable to the Commission for every transaction entered into using a valid DocuSign Authentication Code sent to you through certified mail, telephone call or Short Message Service (SMS) text, with or without your knowledge. In no event will the Commission be liable to you for any special, direct, indirect, consequential or incidental loss or damages even if you have advised the Commission/MoDOT of such possibility. The Commission shall not be liable for any misuse, if any, of any data placed on the internet by third parties hacking or accessing the application and hosting server without authorization.

11) The Entity shall take responsibility for all the transactions with the Commission conducted electronically through DocuSign and will abide by the record of the transactions generated by DocuSign or by the Commission/MoDOT through DocuSign. Further such record of transactions shall be conclusive proof and binding for all purposes and may be used as conclusive evidence in any proceedings. All records of the Commission and DocuSign, whether in electronic form, magnetic medium, documents or any other form, with respect to electronic transactions sent or received through use of DocuSign shall be conclusive evidence of such transactions and shall be binding on the Entity.

12) The Commission/MoDOT shall not be liable for any loss or damage whatsoever caused, arising directly or indirectly, in connection with the services and /or this Agreement, including without limitation any: (A) Loss of data; and (B) Interruption or stoppages to your access to DocuSign and its eSignature application and/or processing of electronic transactions due to any operational or technical difficulties/reason beyond our control for any other reason. The Commission, along with its members, employees, agents, executors, successors and assigns shall not be liable for any damages or claims or injuries arising out of or in connection with the use of DocuSign and its eSignature application or its non-use including non-availability or failure of performance, loss or corruption of data, loss of or damage to property (including profit and goodwill), work stoppage, computer failure or malfunctioning or interruption of business, error, omission, deletion, defect, delay in operation or transmission, communication line failure or for any failure to act upon electronic transaction for any cause.

13) You shall keep confidential all information, in whatever form, produced, prepared, observed or received by you to the extent that such information is confidential by law or otherwise required by the Commission.

14) This Agreement and the rights and obligations of the parties hereto shall be governed by, and construed according to, the laws of the State of Missouri. It is agreed by the parties that any action at law, suit in equity, or other judicial proceeding to enforce or construe this Agreement, or regarding its alleged breach, shall be instituted only in the Circuit Court of Cole County, Missouri.

15) The terms of this agreement and any amendments thereafter shall remain in full force and effect for as long as DocuSign is active, or by thirty (30) days written notification by either party

of their intent to cancel this agreement.

By checking the I Agree button, I confirm that:

1. I am the person named in the documents to which I will electronically affix my signature; that I am authorized to sign such documents on behalf of the Entity named in the documents; that I will read and know the contents of such electronically signed documents including all exhibits attached thereto, and that the statements made therein are true, and that I will not omit any information needed to make such documents true; and that I will take appropriate security measures to insure that I have sole access to the documents sent to me by the Commission and MoDOT through the email address provided on DocuSign.
2. I and the Entity shall indemnify and save harmless the Commission, its members, employees, officers, successors, assigns, agents and representatives against any and all claims, losses, damages, costs, liabilities and expense actually incurred, suffered or paid by the Commission, its members, employees, officers, successors, assigns, agents and representatives, directly or indirectly, and also against all demands, actions, suits, proceedings made, filed, instituted against the Commission, its members, employees, officers, successors, agents and representatives in connection with, or arising out of, or relating to the Commission accepting and acting or not accepting and not acting for any reason whatsoever pursuant to, in accordance with or relying upon, data received, through DocuSign and its eSignature application you or any unauthorized use of your ID/Password combination, the DocuSign Authentication Code, or the DocuSign eSignature application.
3. I agree to the DocuSign, Inc. Express (DocuSign) Electronic Signature Agreement terms and conditions outlined above.

REQUESTED COUNCIL MEETING DATE: December 5, 2023

ITEM: Bill No. 2023-199: Amendment to Internet Services Agreement with Liberty Utilities

ORIGINATING DEPARTMENT: Development Services Department

ATTACHMENT:

1. Bill No. 2023-199 Liberty RE fiber optic internet service 2024-2027
 2. Liberty Internet Contract Amendment
-

PURPOSE:

The purpose of this item is to gain council authorization for an amendment to the city's current internet services agreement with Liberty Utilities.

BACKGROUND:

The city currently contracts with Liberty Utilities for the city's internet service. The city manager recently contacted Liberty to renegotiate fees for the current service and has been offered a cost reduction of \$1,000 a month, which brings the monthly cost to \$5,200 per month.

RECOMMENDATION:

Staff recommends that the council authorize the contract amendment.

AN ORDINANCE authorizing the City of Neosho, Missouri, to enter into a First Amendment to Carrier Facilities Agreement with Liberty Utilities Services Corp., an Arizona Corporation, for the purpose of providing fiber optic internet service for the not to exceed price of One Hundred Eighty-Seven Thousand and 00/100 Dollars (\$187,000.00); and authorizing the Mayor to execute the same by and on behalf of the City of Neosho.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF NEOSHO, MISSOURI, as follows:

Section 1. That the First Amendment to Carrier Facilities Agreement with Liberty Utilities Services Corp., an Arizona Corporation, for the purpose of providing fiber optic internet service for the not to exceed price of One Hundred Eighty-Seven Thousand and 00/100 Dollars (\$187,000.00), a true and accurate copy of said Agreement being attached hereto and incorporated as Exhibit "A," be and the same is hereby approved.

Section 2. That the Mayor of the City of Neosho, Missouri, is hereby authorized and directed to execute said Agreements by and on behalf of the City of Neosho.

Section 3. That this Ordinance shall be in full force and effect from and after its passage.

PASSED BY THE COUNCIL OF THE CITY OF NEOSHO, MISSOURI, this ____ day of _____, 2023, by a vote of _____.

Richard Davidson, Mayor

ATTEST:

Cheyenne Wright, City Clerk

APPROVED AS TO FORM:

Jordan L. Paul, City Attorney

**EMPIRE DISTRICT INDUSTRIES, INC.
FIRST AMENDMENT TO CARRIER FACILITIES AGREEMENT**

This First Amendment to Carrier Facilities Agreement ("Amendment") is dated February 1, 2024 ("Effective Date"), and is by and between Empire District Industries, Inc., ("Empire") and City of Neosho ("Customer").

WITNESSETH:

WHEREAS, Empire and Customer are parties to a Carrier Facilities Agreement, CFA# **2018-008-022** dated January 1, 2019.

WHEREAS, Empire and Customer hereby desire to amend the monthly prices, circuit speed and extend the term of the Carrier Facilities Agreement as follows.

<u>Facilities Type/Ckt.</u>	<u>Originating City</u>	<u>Terminating City</u>	<u>Requested Availability Date</u>	<u>Facilities Commitment Period</u>
Ethernet and Internet	Joplin, MO	Neosho, MO		36 Month
\$5,200.00	Monthly Facilities Charge (reflects discounts, if any, for Facilities Commitment Period).			
\$000.00	One-time Facilities Installation Charge			
<u>Network Hub Location</u> City: Neosho, MO Address: 203 E Main Street (City Hall) 1Gbps Ethernet		<u>Terminating Location</u> City: Neosho, MO Address: 15318 Kentucky Road (Water Treatment) 100M Ethernet		
<u>Terminating Location</u> City: Neosho, MO Address: 1017 Carl Sweeney (Senior Center) 100M Ethernet		<u>Terminating Location</u> City: Neosho, MO Address: 675 Radio Road (Waste Water Crowder) 100M Ethernet		
<u>Terminating Location</u> City: Neosho, MO Address: 215 Wheeler (Parks Fuel Pump) 100M Ethernet		<u>Terminating Location</u> City: Neosho, MO Address: 2201 Scenic Drive (Waste Water Main) 100M Ethernet		
<u>Terminating Location</u> City: Neosho, MO Address: 109 W Main (Civic Center) 100M Ethernet		<u>Terminating Location</u> City: Neosho, MO Address: 200 Nelson (Dept. of Water Works) 100M Ethernet		
<u>Terminating Location</u> City: Neosho, MO Address: 4700 Howard Busch (Recycling Center) 100M Ethernet		<u>Terminating Location</u> City: Neosho, MO Address: 1850 Clubhouse Road (Golf Course) 100M Ethernet		
<u>Terminating Location</u> City: Neosho, MO Address: 1400 Terry Johnson Drive (Airport) 100M Ethernet		<u>Terminating Location</u> City: Neosho, MO Address: 125 College Street (Fire Department) 100M Ethernet		
<u>Terminating Location</u> City: Neosho, MO Address: 201 N College (Police Station) 100M Ethernet		<u>Terminating Location</u> City: Neosho, MO Address: 501 Industrial Drive (Fire Department) 100M Ethernet		
<u>Terminating Location</u> City: Neosho, MO Address: 203 E Main Street (City Hall) 250M Internet				

IN WITNESS WHEREOF, the parties have executed this Carrier Facilities Description on February 1, 2024.

EMPIRE DISTRICT INDUSTRIES, INC.

CORPORATE ACCEPTANCE:

City of Neosho

(Customer)

By: Bruce Short

(Authorized Representative)

(Authorized Representative)

(Signature)

(Signature)

Director of Telecommunications

(Title)

(Title)

(Date)

(Date)

REQUESTED COUNCIL MEETING DATE: December 5, 2023

ITEM: Resolution Bill No. 2023-09: HSTCC MOU

ORIGINATING DEPARTMENT: City Clerk

ATTACHMENT:

1. Resolution Bill No. 2023-09 MO DED CDBG Downtown Revitalization

PURPOSE:

A resolution authorizing HSTCC to seek funding for a block grant for downtown community revitalization.

BACKGROUND:

HSTCC is applying for a block grant for the removal of the Schaffer Building recently purchased by the City of Neosho. This grant allows for funding of such projects and has an 80/20 match.

RECOMMENDATION:

To approve the Resolution as submitted and authorize the Mayor to sign it.

Resolution Bill No. 2023-09

A RESOLUTION OF THE CITY OF NEOSHO, MISSOURI, STATING INTENT TO SEEK FUNDING THROUGH THE COMMUNITY DEVELOPMENT BLOCK GRANT PROGRAM AND AUTHORIZING THE HARRY S TRUMAN COORDINATING COUNCIL TO PURSUE ACTIVITIES IN AN ATTEMPT TO SECURE FUNDING.

WHEREAS, Title I of the Housing and Community Development Act of 1974 does state as its primary objective “the development of viable urban communities, by providing decent housing and suitable living environment and expanding economic opportunities principally for persons of low and moderate income;” and

WHEREAS, Title I does offer to communities the opportunity of monetary assistance in accomplishing its stated primary objectives; and

WHEREAS, The Missouri Department of Economic Development is designated to awarded Community Development Block Grant Funding under Title I; and

WHEREAS, the City does have areas of need which may be addressed through the Community Development Block Grant Program.

NOW, THEREFORE BE IT RESOLVED by the City of Neosho, Missouri, that it desires to participate with the Missouri Department of Economic Development in the improvement of our community under the activities authorized pursuant to the Housing and Community Development Act of 1974.

THEREFORE, BE IT FURTHER RESOLVED, that the Harry S Truman Coordinating Council is hereby authorized to prepare and submit documents which are necessary in applying for funding and establishing an administrative organization to implement activities pursuant to the aforementioned act.

PASSED BY THE COUNCIL OF THE CITY OF NEOSHO, MISSOURI, this ____ day of December, 2023, by a vote of _____.

Richard Davidson, Mayor

ATTEST:

Cheyenne Wright, City Clerk

APPROVED AS TO FORM:

Jordan L. Paul, City Attorney

REQUESTED COUNCIL MEETING DATE: December 5, 2023

ITEM: Resolution Bill No. 2023-10: Destruction of Records

ORIGINATING DEPARTMENT: City Clerk

ATTACHMENT:

1. Resolution Bill No. 2023-10 Destruction of Records
 2. Record Disposal Scheets
-

PURPOSE:

The purpose of the Resolution is to comply with the state procedures for the retention and destruction of municipal records.

BACKGROUND:

RMo 109.230 states: The director shall, with due regard for the functions of the agencies concerned, and subject to the approval of the Secretary of State: Publish lists of records authorized for disposal or retention. City Code Section 110.390 states the City Clerk shall have custody of and shall safely keep the public records, the original rolls of ordinances and resolutions of the City Council, such other records, documents and papers of a public nature as may be delivered into his/her custody.

RECOMMENDATION:

Staff recommends council approval for Resolution Bill No. 2023-10 and authorize the Mayor to sign.

Resolution Bill No. 2023-10

A RESOLUTION OF THE CITY OF NEOSHO, MISSOURI, NOTIFYING THE COUNCIL OF THE DESTRUCTION OF CITY RECORDS

WHEREAS, the Secretary of the State of Missouri has established a procedure for the retention and destruction of municipal records, and

WHEREAS, the City Clerk has processed Neosho records in accordance with the guidelines set out in said section, RSMo. 109.230 (4)

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF NEOSHO, AS FOLLOWS:

Section 1: That those city records which have met the retention requirements as set forth by RSMo. 109.230(4) and are recommended for disposal by the State of Missouri are attached hereto as Exhibit A and incorporated herein by reference.

Section 2: That the City Clerk as the Custodian of Records of the City of Neosho is hereby authorized to dispose of the city records listed in Exhibit A in accordance with RSMo. 109.230 (4).

Section 3: This resolution shall be in full force and effect upon final passage.

ADOPTED this 5th day of December 2023.

ATTEST:

CITY OF NEOSHO, CITY COUNCIL

City Clerk

Mayor Davidson

APPROVED:

City Attorney

Department City Clerk

The following records have met their retention schedule and are recommended for disposal under RSMo 109.230 subsection 4. The officeholder with jurisdiction over these records may elect to take the following action: store the records, destroy the records, or de-accession the records. If the records are destroyed or donated to a local historical agency, the action should be recorded in the City Council minutes with the record series and inclusive dates.

[illegible]

Signature C. J. [Signature] Title City Clerk Date 12/1/2023

City of Neosho Records Program Disposition List

Department Finance

Submit Form to City Clerk

The following records have met their retention schedule and are recommended for disposal under RSMo 109.230 subsection 4. The officeholder with jurisdiction over these records may elect to take the following action: store the records, destroy the records, or de-accession the records. If the records are destroyed or donated to a local historical agency, the action should be recorded in the City Council minutes with the record series and inclusive dates.

Records to be destroyed are as follows:

[illegible]

I hereby certify to the best of my knowledge, that the records described herein are not needed in the transaction of current business and no longer possess sufficient administrative, legal, historical or fiscal value to warrant further keeping. I also certify it has met the retention as governed by law.

Signature Ledie Gunt

Finance Director

10/19/23
Date

REQUESTED COUNCIL MEETING DATE: December 5, 2023

ITEM: Habitat for Humanity Hickory Street Right-of-Way request

ORIGINATING DEPARTMENT: Development Services Department

ATTACHMENT:

1. Habitat Scanned original Plat
 2. Habitat project area
 3. Hickory Street ROW abandon area
-

PURPOSE:

The purpose of this item is to determine the council's interest in abandoning part of the existing right-of-way for Hickory Street between Mary Avenue and Jefferson Avenue for a proposed Habitat for Humanity project.

BACKGROUND:

The right-of way is located on the north end of Hickory Street between Mary Ave and Jefferson Ave and was originally platted in 1870 with 80 foot right-of-way for Hickory Street. The city standard right of way is 50 feet (25 feet each side of the street center line). Should the city choose to vacate the excess right-of-way, there would be an area of approximately 23 feet by 290 feet on the west side of Hickory Street. The city would then need to transfer ownership to Habitat for Humanity. Habitat would be responsible for expenses.

RECOMMENDATION:

Staff recommends that the city begin the process of abandoning the right-of-way and transferring it to Habitat for Humanity.

2/01

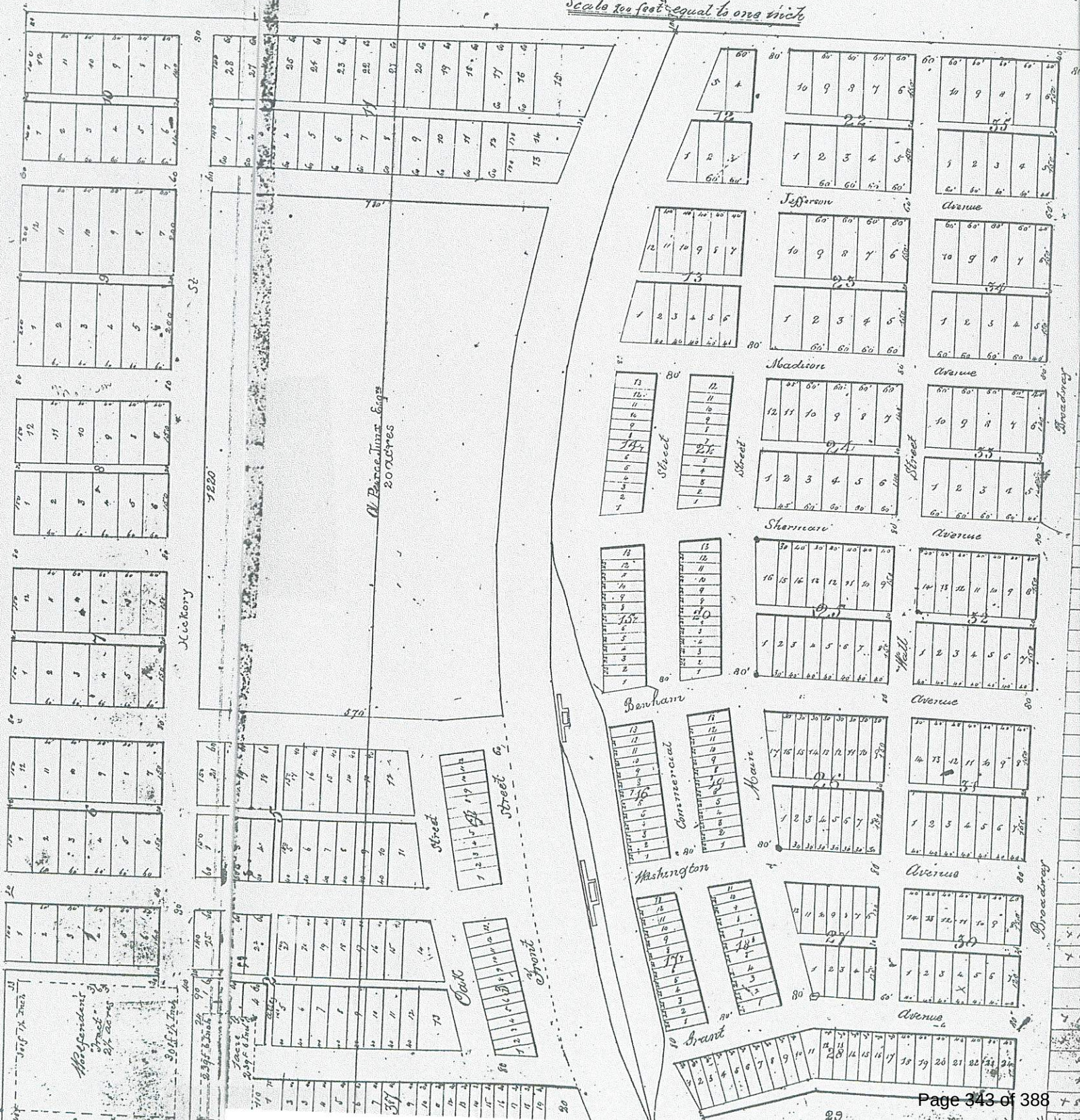
Need N.W.
10/29/02 DM



N^o 6 D S H O City

Newton County

Scale 700 feet equal to one inch

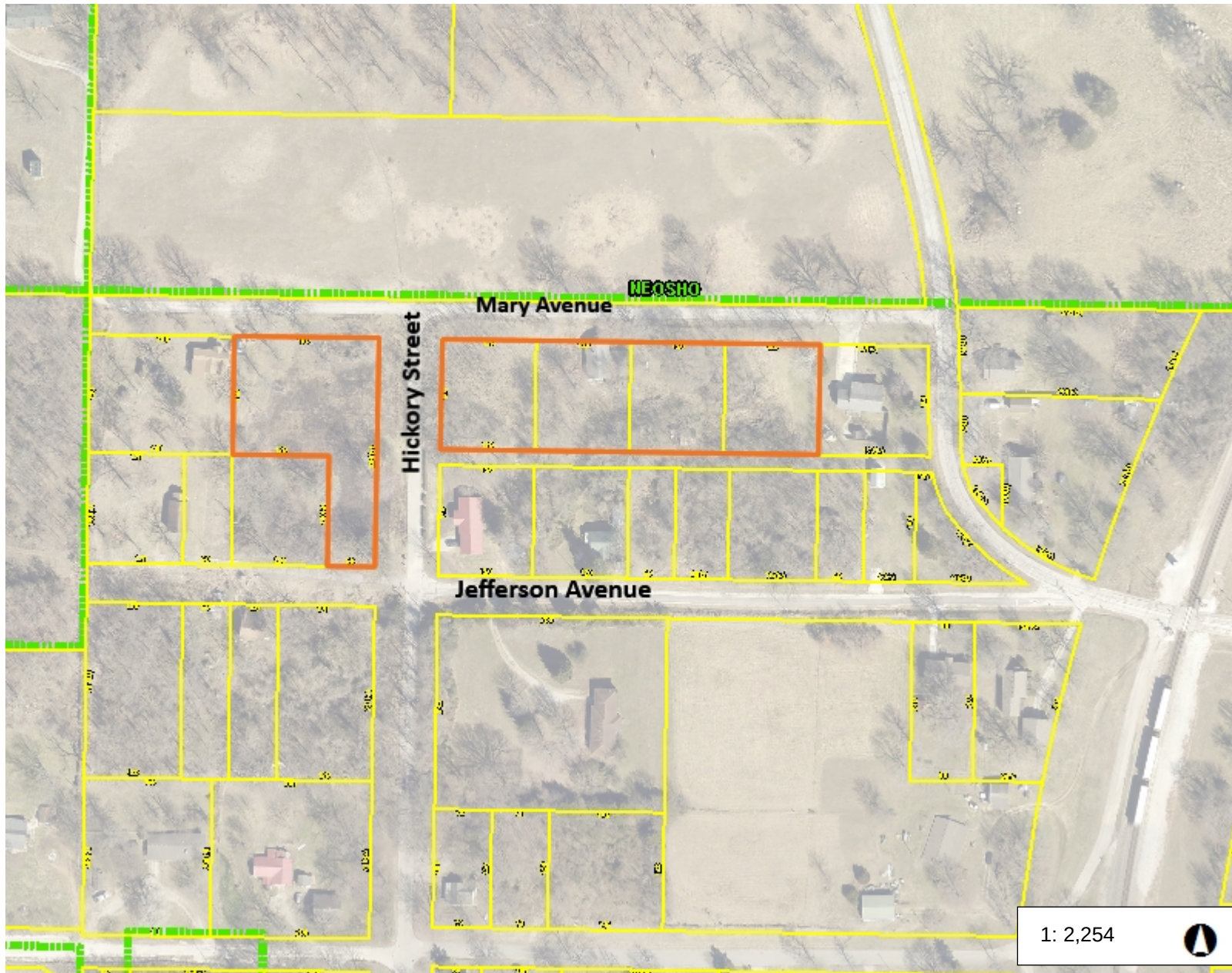


Neosho, MO



Legend

- Parcel
- Corporate Limit Line



1: 2,254



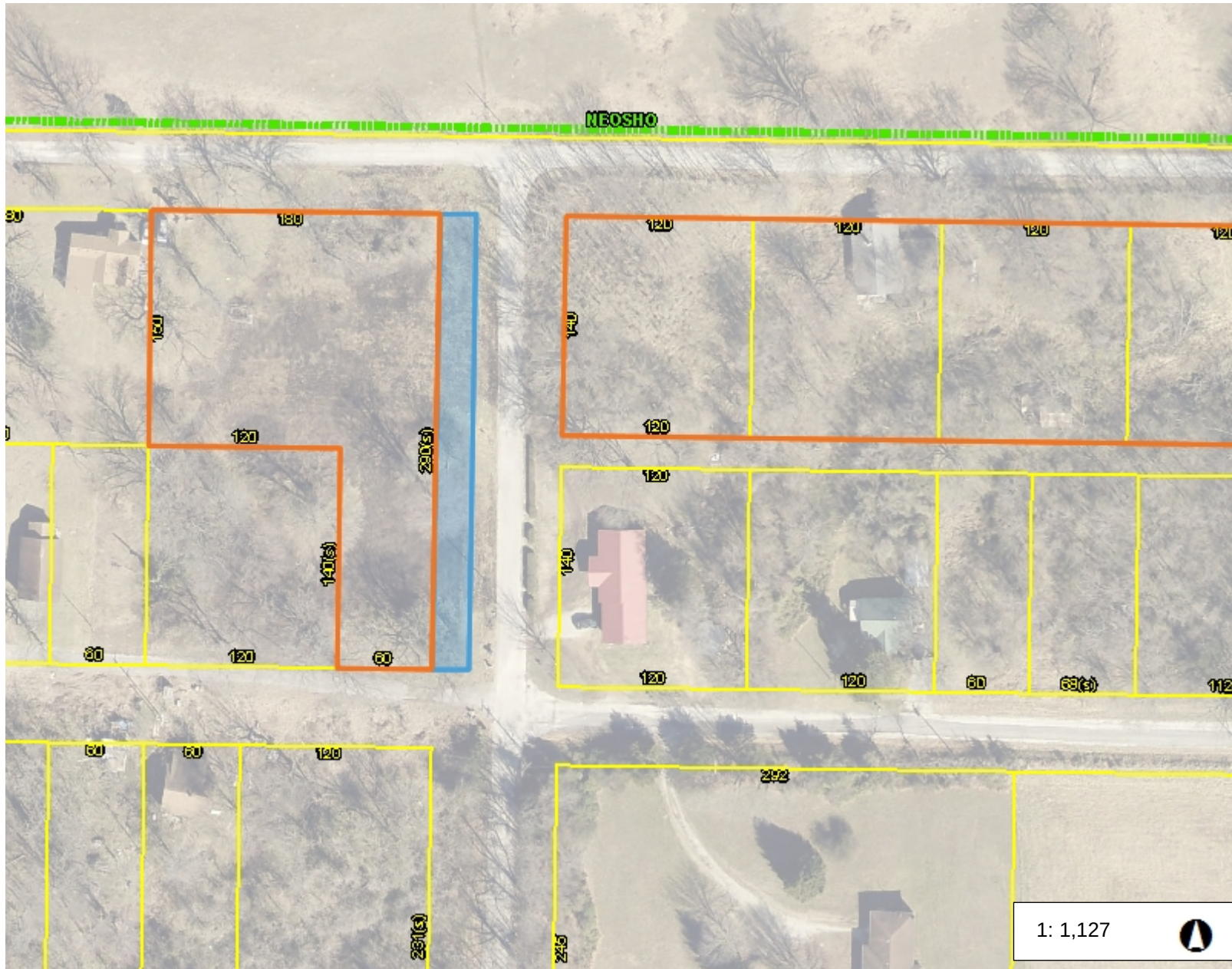
375.7 0 187.87 375.7 Feet

This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.
THIS MAP IS NOT TO BE USED FOR NAVIGATION

Notes

Habitat for Humanity project area

Neosho, MO



Legend

- Parcel
- Corporate Limit Line

1: 1,127



187.9 0 93.94 187.9 Feet

This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.
THIS MAP IS NOT TO BE USED FOR NAVIGATION

Notes

Hickory Street Right of Way abandoned area

REQUESTED COUNCIL MEETING DATE: December 5, 2023**ITEM:** Amendment to Electric Service Agreement with Liberty Utilities

ORIGINATING DEPARTMENT: Public Works Department**ATTACHMENT:**

1. Neosho SA22 1024143
 2. Neosho SA22 1024144
 3. Neosho SA22 1024146
 4. Neosho SA22 1024150
 5. Neosho SA22 1024160
 6. Neosho SA22 1024163
 7. Neosho SA22 1025040
 8. Neosho SA22 1025044
 9. Neosho SA22 1025047
 10. Neosho SA22 1025048
 11. Neosho SA22 1025241
 12. Neosho SA22 1025245
 13. Neosho SA22 1025249
 14. Neosho SA22 1025250
 15. Neosho SA22 1025251
 16. Neosho SA22 1025252
 17. Neosho SA22 1025253
 18. Neosho SA22 1025289
 19. Neosho SA22 1025297
 20. Neosho SA22 1025298
 21. Neosho SA22 1025305
 22. Neosho SA22 1025308
 23. Neosho SA22 1025312
-

PURPOSE:

To seek Council approval of the amendment to the contract with Liberty Utilities.

BACKGROUND:

This amendment is for the replacement of 23 nonworking streetlights and being replaced with a new LED streetlight. This amendment will come with a decrease in usage charges.

1. W Spring & Ripley	WO #1024160	monthly increase	\$0.76
2. La-Z-Boy Pkwy & Spring St	WO#1025044	monthly decrease	- \$1.79
3. E Main St & Hamilton St	WO#1025040	monthly decrease	- \$1.79
4. 211 S Jefferson St	WO#1024146	monthly decrease	- \$1.79

5. Hickory & Hamilton	WO#1025047	monthly decrease	- \$1.79
6. W Spring St & Ripley St	WO#1024160	monthly increase	\$0.76
7. 212 N College St	WO#1024150	monthly decrease	- \$4.16
8. La-Z-Boy Pkwy & N Wood St	WO#1025048	monthly decrease	- \$1.79
9. 109 W Main St, Civic Center	WO#1024144	monthly decrease	- \$3.36
10. High St & Dewey St	WO#1024143	monthly decrease	- \$1.79
11. Larry Pl & Garland	WO#1025305	monthly decrease	- \$1.79
12. Chestnut & St James	WO#1025298	monthly decrease	- \$1.79
13. Veta & Harmony St	WO#1025251	monthly decrease	- \$1.79
14. Hillcrest & Harmony	WO#1025250	monthly increase	\$0.76
15. 300 E Coler	WO#1025289	monthly decrease	- \$1.79
16. 1021 Bus 60	WO#1025297	monthly increase	\$0.76
17. High & Patterson St	WO#1025252	monthly decrease	- \$1.79
18. 241 Patterson St.	WO#1025253	monthly decrease	-\$1.79
19. W Hickory & High St	WO#1025245	monthly decrease	- \$1.79
20. Hillcrest & Harmony St	WO#1025249	monthly decrease	- \$4.64
21. Deborah & Sally Ann	WO#1025312	monthly decrease	- \$1.79
22. Evelyn Pl & Cash St	WO#1025308	monthly decrease	- \$1.79
23. Kingsberry & Ridgewood St	WO#1025241	monthly increase	\$0.76

Total monthly decrease -\$35.21

RECOMMENDATION:

The City Staff recommends council approve the contract and authorize the mayor to sign noted amendments.

Work Order # 1024143

The Empire District Electric Company

Request for Change in Street Lighting Service

Missouri

City of Neosho

Pursuant to a Resolution adopted by the governing body of the **City of Neosho**, hereinafter called CITY, on the **6th** day of **November, 2023** **The Empire District Electric Company**, hereinafter called COMPANY, is hereby requested to make the following changes in street lighting service pursuant to the provisions of the Municipal Electric Service Agreement, hereinafter called AGREEMENT, executed by the CITY and the COMPANY.

STREET LIGHT REQUEST	ADDRESS - LOCATION STREET LIGHTS and EXCESS FACILITIES	SIZE and TYPE STREET LIGHTS	Q T Y	ANNUAL ENERGY CHARGE		FACILITY USAGE CHARGE	
				Installed	Removed	Installed	Removed
Install	High & Dewey St	7,500L-9,500L 150W eq LED 1 Cobrahead	1	\$74.03		\$ 351.62	
Remove	High & Dewey St	16,000L 150W HPS Open Bottom	1		\$107.46		\$ 218.47
Subtotals - Annual Energy Charge and Facility Usage Charge for this Request				\$74.03	\$107.46	\$ 351.62	\$ 218.47
A Annual Energy Charge for this Request (Install minus Remove)				-\$33.43			
B Total Facility Usage Charge for this Street Light Request (Install minus Remove)						\$ 133.15	

The CITY agrees that the AGREEMENT shall be amended as follows:

C	Total Facility Usage Charge for this Request (Total Line B)	\$133.15
D	Annual Facility Usage Charge to City for this Request (Total Line C X 9%)	\$11.98
E	Annual Energy Charge for this Request (Total Line A)	-\$33.43
F	Annual Facility Usage and Energy Charge for this Request (Total Line D plus/minus Line E)	-\$21.45
G	Monthly Increase/Decrease to be Paid by City for this Request (Total Line F divided by 12 months)	-\$1.79

This request for change shall be effective from and after its execution and is supplemental to, forms a part of and is to be construed with and subject to the terms, conditions and provisions of the Agreement herein referred to which, in all other particulars except as hereinafter amended, is ratified and confirmed. This contract and any ancillary agreements may be executed in counterparts, each of which shall be deemed an original and all of which, taken together, shall be deemed to be one agreement, and signatures by fax or other electronic transmission are acceptable and shall constitute an original signature for all purposes.

Executed at _____ this _____ day of _____
 (SEAL)
 ATTEST: _____ By _____
 Clerk of Neosho Mayor or Board Chairman

ACCEPTANCE

The COMPANY hereby approves and consents to the aforesaid request for change in street lighting service and all terms and provisions included therein, and agrees that the Municipal Electric Service Agreement shall be amended accordingly. The number of street lights in service in said CITY will, after completion of the above changes and until our approval of further changes, be as follows:

Mercury Vapor Lights		High Pressure Sodium Lights		Metal Halide Lights		Light Emitting Diode Lights	
7,000L - 175W	459	6,000L - 70W	10	12,000L - 175W	9	7,500 - 9,500L - 150W	157
11,000L - 250W	13	16,000L - 150W	190	20,500L - 250W	58	13,000 - 16,000L - 250W	1
20,000L - 400W	8	27,500L - 250W	11	36,000L - 400W	1	19,000 - 22,000L - 250W	0
53,000L - 1,000W	3	50,000L - 400W	1	110,000L - 1,000W	0		
		130,000L - 1,000W	1				

WO# 1024143

DATE COMPLETED _____

CURRENT INVESTMENT CHARGE

ANNUAL FACILITY USAGE CHARGE

ACCUMULATIVE INVESTMENT CHARGE

\$133.15

\$56,763.00

\$630,700.01

The Empire District Electric Company

Company Representative Completing Contract: Roger Kidd

Executed at Joplin, Mo this _____ day of _____

By _____
(Authorized Signatory)

Work Order # **1024144****The Empire District Electric Company*****Request for Change in Street Lighting Service***

Missouri

City of Neosho

Pursuant to a Resolution adopted by the governing body of the **City of Neosho**, hereinafter called CITY, on the **6th** day of **October, 2023** **The Empire District Electric Company**, hereinafter called COMPANY, is hereby requested to make the following changes in street lighting service pursuant to the provisions of the Municipal Electric Service Agreement, hereinafter called AGREEMENT, executed by the CITY and the COMPANY.

STREET LIGHT REQUEST	ADDRESS - LOCATION STREET LIGHTS and EXCESS FACILITIES	SIZE and TYPE STREET LIGHTS	Q T Y	ANNUAL ENERGY CHARGE		FACILITY USAGE CHARGE	
				Installed	Removed	Installed	Removed
Install	109 W Main St, Civic Center - P5	7,500L-9,500L 150W eq LED 1 Cobrahead	1	\$74.03		\$ 142.58	
Remove	109 W Main St, Civic Center	16,000L 150W HPS Open Bottom	1		\$107.46		\$ 218.47
Subtotals - Annual Energy Charge and Facility Usage Charge for this Request				\$74.03	\$107.46	\$ 142.58	\$ 218.47
A Annual Energy Charge for this Request (Install minus Remove)				-\$33.43			
B Total Facility Usage Charge for this Street Light Request (Install minus Remove)						\$ (75.89)	

The CITY agrees that the AGREEMENT shall be amended as follows:

C	Total Facility Usage Charge for this Request (Total Line B)	-\$75.89
D	Annual Facility Usage Charge to City for this Request (Total Line C X 9%)	-\$6.83
E	Annual Energy Charge for this Request (Total Line A)	-\$33.43
F	Annual Facility Usage and Energy Charge for this Request (Total Line D plus/minus Line E)	-\$40.26
G	Monthly Increase/Decrease to be Paid by City for this Request (Total Line F divided by 12 months)	-\$3.36

This request for change shall be effective from and after its execution and is supplemental to, forms a part of and is to be construed with and subject to the terms, conditions and provisions of the Agreement herein referred to which, in all other particulars except as hereinafter amended, is ratified and confirmed. This contract and any ancillary agreements may be executed in counterparts, each of which shall be deemed an original and all of which, taken together, shall be deemed to be one agreement, and signatures by fax or other electronic transmission are acceptable and shall constitute an original signature for all purposes.

Executed at _____ this _____ day of _____
 (SEAL)
 ATTEST: _____ By _____
 Clerk of Neosho Mayor or Board Chairman

ACCEPTANCE

The COMPANY hereby approves and consents to the aforesaid request for change in street lighting service and all terms and provisions included therein, and agrees that the Municipal Electric Service Agreement shall be amended accordingly. The number of street lights in service in said CITY will, after completion of the above changes and until our approval of further changes, be as follows:

Mercury Vapor Lights		High Pressure Sodium Lights		Metal Halide Lights		Light Emitting Diode Lights	
7,000L - 175W	459	6,000L - 70W	10	12,000L - 175W	9	7,500 - 9,500L - 150W	158
11,000L - 250W	13	16,000L - 150W	189	20,500L - 250W	58	13,000 - 16,000L - 250W	1
20,000L - 400W	8	27,500L - 250W	11	36,000L - 400W	1	19,000 - 22,000L - 250W	0
53,000L - 1,000W	3	50,000L - 400W	1	110,000L - 1,000W	0		
		130,000L - 1,000W	1				

WO# 1024144	DATE COMPLETED _____
CURRENT INVESTMENT CHARGE	ANNUAL FACILITY USAGE CHARGE
-\$75.89	\$56,756.17
	ACCUMULATIVE INVESTMENT CHARGE
	\$630,624.12

The Empire District Electric Company

Company Representative Completing Contract: Roger Kidd

Executed at Joplin, Mo this _____ day of _____

By _____
 (Authorized Signatory)

Work Order # **1024146****The Empire District Electric Company*****Request for Change in Street Lighting Service***

Missouri

City of Neosho

Pursuant to a Resolution adopted by the governing body of the **City of Neosho** hereinafter called CITY, on the **6th** day of **November, 2023** **The Empire District Electric Company**, hereinafter called COMPANY, is hereby requested to make the following changes in street lighting service pursuant to the provisions of the Municipal Electric Service Agreement, hereinafter called AGREEMENT, executed by the CITY and the COMPANY.

STREET LIGHT REQUEST	ADDRESS - LOCATION STREET LIGHTS and EXCESS FACILITIES	SIZE and TYPE STREET LIGHTS	Q T Y	ANNUAL ENERGY CHARGE		FACILITY USAGE CHARGE	
				Installed	Removed	Installed	Removed
Install	211 S Jefferson St	7,500L-9,500L 150W eq LED 1 Cobrahead	1	\$74.03		\$ 351.62	
Remove	211 S Jefferson St	16,000L 150W HPS Open Bottom	1		\$107.46		\$ 218.47
Subtotals - Annual Energy Charge and Facility Usage Charge for this Request				\$74.03	\$107.46	\$ 351.62	\$ 218.47
A Annual Energy Charge for this Request (Install minus Remove)				-\$33.43			
B Total Facility Usage Charge for this Street Light Request (Install minus Remove)						\$ 133.15	

The CITY agrees that the AGREEMENT shall be amended as follows:

C	Total Facility Usage Charge for this Request (Total Line B)	\$133.15
D	Annual Facility Usage Charge to City for this Request (Total Line C X 9%)	\$11.98
E	Annual Energy Charge for this Request (Total Line A)	-\$33.43
F	Annual Facility Usage and Energy Charge for this Request (Total Line D plus/minus Line E)	-\$21.45
G	Monthly Increase/Decrease to be Paid by City for this Request (Total Line F divided by 12 months)	-\$1.79

This request for change shall be effective from and after its execution and is supplemental to, forms a part of and is to be construed with and subject to the terms, conditions and provisions of the Agreement herein referred to which, in all other particulars except as hereinafter amended, is ratified and confirmed. This contract and any ancillary agreements may be executed in counterparts, each of which shall be deemed an original and all of which, taken together, shall be deemed to be one agreement, and signatures by fax or other electronic transmission are acceptable and shall constitute an original signature for all purposes.

Executed at _____ this _____ day of _____
 (SEAL)
 ATTEST: _____ By _____
 Clerk of Neosho Mayor or Board Chairman

ACCEPTANCE

The COMPANY hereby approves and consents to the aforesaid request for change in street lighting service and all terms and provisions included therein, and agrees that the Municipal Electric Service Agreement shall be amended accordingly. The number of street lights in service in said CITY will, after completion of the above changes and until our approval of further changes, be as follows:

Mercury Vapor Lights		High Pressure Sodium Lights		Metal Halide Lights		Light Emitting Diode Lights	
7,000L - 175W	459	6,000L - 70W	10	12,000L - 175W	9	7,500 - 9,500L - 150W	159
11,000L - 250W	13	16,000L - 150W	188	20,500L - 250W	58	13,000 - 16,000L - 250W	1
20,000L - 400W	8	27,500L - 250W	11	36,000L - 400W	1	19,000 - 22,000L - 250W	0
53,000L - 1,000W	3	50,000L - 400W	1	110,000L - 1,000W	0		
		130,000L - 1,000W	1				

WO# 1024146	DATE COMPLETED _____
CURRENT INVESTMENT CHARGE	ANNUAL FACILITY USAGE CHARGE
\$133.15	\$56,768.15
	ACCUMULATIVE INVESTMENT CHARGE
	\$630,757.27

The Empire District Electric Company

Company Representative Completing Contract: Roger Kidd

Executed at Joplin, Mo this _____ day of _____

By _____
 (Authorized Signatory)

Work Order # **1024150**

The Empire District Electric Company

Request for Change in Street Lighting Service

Missouri

City of Neosho

Pursuant to a Resolution adopted by the governing body of the **City of Neosho**, hereinafter called CITY, on the **6th** day of **November, 2023** **The Empire District Electric Company**, hereinafter called COMPANY, is hereby requested to make the following changes in street lighting service pursuant to the provisions of the Municipal Electric Service Agreement, hereinafter called AGREEMENT, executed by the CITY and the COMPANY.

STREET LIGHT REQUEST	ADDRESS - LOCATION STREET LIGHTS and EXCESS FACILITIES	SIZE and TYPE STREET LIGHTS	Q T Y	ANNUAL ENERGY CHARGE		FACILITY USAGE CHARGE	
				Installed	Removed	Installed	Removed
Install	212 N College St	7,500L-9,500L 150W eq LED 1 Cobrahead	1	\$74.03		\$ 351.62	
Remove	212 N College St	12,000L 175W MH Cobrahead	1		\$134.35		\$ 235.91
Subtotals - Annual Energy Charge and Facility Usage Charge for this Request				\$74.03	\$134.35	\$ 351.62	\$ 235.91
A Annual Energy Charge for this Request (Install minus Remove)				-\$60.32			
B Total Facility Usage Charge for this Street Light Request (Install minus Remove)						\$ 115.71	

The CITY agrees that the AGREEMENT shall be amended as follows:

C	Total Facility Usage Charge for this Request (Total Line B)	\$115.71
D	Annual Facility Usage Charge to City for this Request (Total Line C X 9%)	\$10.41
E	Annual Energy Charge for this Request (Total Line A)	-\$60.32
F	Annual Facility Usage and Energy Charge for this Request (Total Line D plus/minus Line E)	-\$49.91
G	Monthly Increase/Decrease to be Paid by City for this Request (Total Line F divided by 12 months)	-\$4.16

This request for change shall be effective from and after its execution and is supplemental to, forms a part of and is to be construed with and subject to the terms, conditions and provisions of the Agreement herein referred to which, in all other particulars except as hereinafter amended, is ratified and confirmed. This contract and any ancillary agreements may be executed in counterparts, each of which shall be deemed an original and all of which, taken together, shall be deemed to be one agreement, and signatures by fax or other electronic transmission are acceptable and shall constitute an original signature for all purposes.

Executed at _____ this _____ day of _____
 (SEAL)
 ATTEST: _____ By _____
 Clerk of Neosho Mayor or Board Chairman

ACCEPTANCE

The COMPANY hereby approves and consents to the aforesaid request for change in street lighting service and all terms and provisions included therein, and agrees that the Municipal Electric Service Agreement shall be amended accordingly. The number of street lights in service in said CITY will, after completion of the above changes and until our approval of further changes, be as follows:

Mercury Vapor Lights		High Pressure Sodium Lights		Metal Halide Lights		Light Emitting Diode Lights	
7,000L - 175W	459	6,000L - 70W	10	12,000L - 175W	8	7,500 - 9,500L - 150W	160
11,000L - 250W	13	16,000L - 150W	188	20,500L - 250W	58	13,000 - 16,000L - 250W	1
20,000L - 400W	8	27,500L - 250W	11	36,000L - 400W	1	19,000 - 22,000L - 250W	0
53,000L - 1,000W	3	50,000L - 400W	1	110,000L - 1,000W	0		
		130,000L - 1,000W	1				

WO# 1024150	DATE COMPLETED _____
CURRENT INVESTMENT CHARGE	ANNUAL FACILITY USAGE CHARGE
\$115.71	\$56,778.57
	ACCUMULATIVE INVESTMENT CHARGE
	\$630,872.98

The Empire District Electric Company

Company Representative Completing Contract: Roger Kidd

Executed at Joplin, Mo this _____ day of _____

By _____
 (Authorized Signatory)

Work Order # 1024160

The Empire District Electric Company

Request for Change in Street Lighting Service

Missouri

City of Neosho

Pursuant to a Resolution adopted by the governing body of the **City of Neosho**, hereinafter called CITY, on the **6th** day of **November, 2023** **The Empire District Electric Company**, hereinafter called COMPANY, is hereby requested to make the following changes in street lighting service pursuant to the provisions of the Municipal Electric Service Agreement, hereinafter called AGREEMENT, executed by the CITY and the COMPANY.

STREET LIGHT REQUEST	ADDRESS - LOCATION STREET LIGHTS and EXCESS FACILITIES	SIZE and TYPE STREET LIGHTS	Q T Y	ANNUAL ENERGY CHARGE		FACILITY USAGE CHARGE	
				Installed	Removed	Installed	Removed
Install	W Spring & Ripley St	7,500L-9,500L 150W eq LED 1 Cobrahead	1	\$74.03		\$ 351.62	
Remove	W Spring & Ripley St	7,000L 175W MV Open Bottom	1		\$91.62		\$ 54.38
Subtotals - Annual Energy Charge and Facility Usage Charge for this Request				\$74.03	\$91.62	\$ 351.62	\$ 54.38
A Annual Energy Charge for this Request (Install minus Remove)				-\$17.59			
B Total Facility Usage Charge for this Street Light Request (Install minus Remove)						\$ 297.24	

The CITY agrees that the AGREEMENT shall be amended as follows:

C	Total Facility Usage Charge for this Request (Total Line B)	\$297.24
D	Annual Facility Usage Charge to City for this Request (Total Line C X 9%)	\$26.75
E	Annual Energy Charge for this Request (Total Line A)	-\$17.59
F	Annual Facility Usage and Energy Charge for this Request (Total Line D plus/minus Line E)	\$9.16
G	Monthly Increase/Decrease to be Paid by City for this Request (Total Line F divided by 12 months)	\$0.76

This request for change shall be effective from and after its execution and is supplemental to, forms a part of and is to be construed with and subject to the terms, conditions and provisions of the Agreement herein referred to which, in all other particulars except as hereinafter amended, is ratified and confirmed. This contract and any ancillary agreements may be executed in counterparts, each of which shall be deemed an original and all of which, taken together, shall be deemed to be one agreement, and signatures by fax or other electronic transmission are acceptable and shall constitute an original signature for all purposes.

Executed at _____ this _____ day of _____
 (SEAL)
 ATTEST: _____ By _____
 Clerk of Neosho Mayor or Board Chairman

ACCEPTANCE

The COMPANY hereby approves and consents to the aforesaid request for change in street lighting service and all terms and provisions included therein, and agrees that the Municipal Electric Service Agreement shall be amended accordingly. The number of street lights in service in said CITY will, after completion of the above changes and until our approval of further changes, be as follows:

Mercury Vapor Lights		High Pressure Sodium Lights		Metal Halide Lights		Light Emitting Diode Lights	
7,000L - 175W	458	6,000L - 70W	10	12,000L - 175W	8	7,500 - 9,500L - 150W	161
11,000L - 250W	13	16,000L - 150W	188	20,500L - 250W	58	13,000 - 16,000L - 250W	1
20,000L - 400W	8	27,500L - 250W	11	36,000L - 400W	1	19,000 - 22,000L - 250W	0
53,000L - 1,000W	3	50,000L - 400W	1	110,000L - 1,000W	0		
		130,000L - 1,000W	1				

WO# 1024160	DATE COMPLETED _____
CURRENT INVESTMENT CHARGE	ANNUAL FACILITY USAGE CHARGE
\$297.24	\$56,805.32
	ACCUMULATIVE INVESTMENT CHARGE
	\$631,170.22

The Empire District Electric Company

Company Representative Completing Contract: Roger Kidd

Executed at Joplin, Mo this _____ day of _____

By _____
 (Authorized Signatory)

Work Order # **1024160**

The Empire District Electric Company

Request for Change in Street Lighting Service

Missouri

City of Neosho

Pursuant to a Resolution adopted by the governing body of the **City of Neosho**, hereinafter called CITY, on the **6th** day of **November, 2023** **The Empire District Electric Company**, hereinafter called COMPANY, is hereby requested to make the following changes in street lighting service pursuant to the provisions of the Municipal Electric Service Agreement, hereinafter called AGREEMENT, executed by the CITY and the COMPANY.

STREET LIGHT REQUEST	ADDRESS - LOCATION STREET LIGHTS and EXCESS FACILITIES	SIZE and TYPE STREET LIGHTS	Q T Y	ANNUAL ENERGY CHARGE		FACILITY USAGE CHARGE	
				Installed	Removed	Installed	Removed
Install	W Spring & Ripley St	7,500L-9,500L 150W eq LED 1 Cobrahead	1	\$74.03		\$ 351.62	
Remove	W Spring & Ripley St	7,000L 175W MV Open Bottom	1		\$91.62		\$ 54.38
Subtotals - Annual Energy Charge and Facility Usage Charge for this Request				\$74.03	\$91.62	\$ 351.62	\$ 54.38
A Annual Energy Charge for this Request (Install minus Remove)				-\$17.59			
B Total Facility Usage Charge for this Street Light Request (Install minus Remove)						\$ 297.24	

The CITY agrees that the AGREEMENT shall be amended as follows:

C	Total Facility Usage Charge for this Request (Total Line B)	\$297.24
D	Annual Facility Usage Charge to City for this Request (Total Line C X 9%)	\$26.75
E	Annual Energy Charge for this Request (Total Line A)	-\$17.59
F	Annual Facility Usage and Energy Charge for this Request (Total Line D plus/minus Line E)	\$9.16
G	Monthly Increase/Decrease to be Paid by City for this Request (Total Line F divided by 12 months)	\$0.76

This request for change shall be effective from and after its execution and is supplemental to, forms a part of and is to be construed with and subject to the terms, conditions and provisions of the Agreement herein referred to which, in all other particulars except as hereinafter amended, is ratified and confirmed. This contract and any ancillary agreements may be executed in counterparts, each of which shall be deemed an original and all of which, taken together, shall be deemed to be one agreement, and signatures by fax or other electronic transmission are acceptable and shall constitute an original signature for all purposes.

Executed at _____ this _____ day of _____
 (SEAL)
 ATTEST: _____ By _____
 Clerk of Neosho Mayor or Board Chairman

ACCEPTANCE

The COMPANY hereby approves and consents to the aforesaid request for change in street lighting service and all terms and provisions included therein, and agrees that the Municipal Electric Service Agreement shall be amended accordingly. The number of street lights in service in said CITY will, after completion of the above changes and until our approval of further changes, be as follows:

Mercury Vapor Lights		High Pressure Sodium Lights		Metal Halide Lights		Light Emitting Diode Lights	
7,000L - 175W	458	6,000L - 70W	10	12,000L - 175W	8	7,500 - 9,500L - 150W	161
11,000L - 250W	13	16,000L - 150W	188	20,500L - 250W	58	13,000 - 16,000L - 250W	1
20,000L - 400W	8	27,500L - 250W	11	36,000L - 400W	1	19,000 - 22,000L - 250W	0
53,000L - 1,000W	3	50,000L - 400W	1	110,000L - 1,000W	0		
		130,000L - 1,000W	1				

WO# 1024160	DATE COMPLETED _____
CURRENT INVESTMENT CHARGE	ANNUAL FACILITY USAGE CHARGE
\$297.24	\$56,805.32
	ACCUMULATIVE INVESTMENT CHARGE
	\$631,170.22

The Empire District Electric Company

Company Representative Completing Contract: Roger Kidd

Executed at Joplin, Mo this _____ day of _____

By _____
 (Authorized Signatory)

Work Order # **1025040**

The Empire District Electric Company

Request for Change in Street Lighting Service

Missouri

Pursuant to a Resolution adopted by the governing body of the **City of Neosho**, hereinafter called CITY, on the **16th** day of **November, 2023** **The Empire District Electric Company**, hereinafter called COMPANY, is hereby requested to make the following changes in street lighting service pursuant to the provisions of the Municipal Electric Service Agreement, hereinafter called AGREEMENT, executed by the CITY and the COMPANY.

STREET LIGHT REQUEST	ADDRESS - LOCATION STREET LIGHTS and EXCESS FACILITIES	SIZE and TYPE STREET LIGHTS	Q T Y	ANNUAL ENERGY CHARGE		FACILITY USAGE CHARGE	
				Installed	Removed	Installed	Removed
Install	E Main St & Hamilton St	7,500L-9,500L 150W eq LED 1 Cobrahead	1	\$74.03		\$ 351.62	
Remove	E Main St & Hamilton St	16,000L 150W HPS Open Bottom	1		\$107.46		\$ 218.47
Subtotals - Annual Energy Charge and Facility Usage Charge for this Request				\$74.03	\$107.46	\$ 351.62	\$ 218.47
A Annual Energy Charge for this Request (Install minus Remove)				-\$33.43			
B Total Facility Usage Charge for this Street Light Request (Install minus Remove)						\$ 133.15	

The CITY agrees that the AGREEMENT shall be amended as follows:

C	Total Facility Usage Charge for this Request (Total Line B)	\$133.15
D	Annual Facility Usage Charge to City for this Request (Total Line C X 9%)	\$11.98
E	Annual Energy Charge for this Request (Total Line A)	-\$33.43
F	Annual Facility Usage and Energy Charge for this Request (Total Line D plus/minus Line E)	-\$21.45
G	Monthly Increase/Decrease to be Paid by City for this Request (Total Line F divided by 12 months)	-\$1.79

This request for change shall be effective from and after its execution and is supplemental to, forms a part of and is to be construed with and subject to the terms, conditions and provisions of the Agreement herein referred to which, in all other particulars except as hereinafter amended, is ratified and confirmed. This contract and any ancillary agreements may be executed in counterparts, each of which shall be deemed an original and all of which, taken together, shall be deemed to be one agreement, and signatures by fax or other electronic transmission are acceptable and shall constitute an original signature for all purposes.

Executed at _____ this _____ day of _____
 (SEAL)
 ATTEST: _____ By _____
 Clerk of Neosho Mayor or Board Chairman

ACCEPTANCE

The COMPANY hereby approves and consents to the aforesaid request for change in street lighting service and all terms and provisions included therein, and agrees that the Municipal Electric Service Agreement shall be amended accordingly. The number of street lights in service in said CITY will, after completion of the above changes and until our approval of further changes, be as follows:

Mercury Vapor Lights		High Pressure Sodium Lights		Metal Halide Lights		Light Emitting Diode Lights	
7,000L - 175W	458	6,000L - 70W	10	12,000L - 175W	8	7,500 - 9,500L - 150W	163
11,000L - 250W	13	16,000L - 150W	186	20,500L - 250W	58	13,000 - 16,000L - 250W	1
20,000L - 400W	8	27,500L - 250W	11	36,000L - 400W	1	19,000 - 22,000L - 250W	0
53,000L - 1,000W	3	50,000L - 400W	1	110,000L - 1,000W	0		
		130,000L - 1,000W	1				

WO# 1025040	DATE COMPLETED _____
CURRENT INVESTMENT CHARGE	ANNUAL FACILITY USAGE CHARGE
\$133.15	\$56,829.29
	ACCUMULATIVE INVESTMENT CHARGE
	\$631,436.52

The Empire District Electric Company

Company Representative Completing Contract: Roger Kidd

Executed at Joplin, Mo this _____ day of _____

By _____
 (Authorized Signatory)

Work Order # 1025044

The Empire District Electric Company

Request for Change in Street Lighting Service

Missouri

City of Neosho

Pursuant to a Resolution adopted by the governing body of the **City of Neosho**, hereinafter called CITY, on the **16th** day of **November, 2023** **The Empire District Electric Company**, hereinafter called COMPANY, is hereby requested to make the following changes in street lighting service pursuant to the provisions of the Municipal Electric Service Agreement, hereinafter called AGREEMENT, executed by the CITY and the COMPANY.

STREET LIGHT REQUEST	ADDRESS - LOCATION STREET LIGHTS and EXCESS FACILITIES	SIZE and TYPE STREET LIGHTS	Q T Y	ANNUAL ENERGY CHARGE		FACILITY USAGE CHARGE	
				Installed	Removed	Installed	Removed
Install	La-Z-Boy Pkwy & E Spring St	7,500L-9,500L 150W eq LED 1 Cobrahead	1	\$74.03		\$ 351.62	
Remove	La-A-Boy Pkwy & E Spring St	16,000L 150W HPS Open Bottom	1		\$107.46		\$ 218.47
Subtotals - Annual Energy Charge and Facility Usage Charge for this Request				\$74.03	\$107.46	\$ 351.62	\$ 218.47
A Annual Energy Charge for this Request (Install minus Remove)				-\$33.43			
B Total Facility Usage Charge for this Street Light Request (Install minus Remove)						\$ 133.15	

The CITY agrees that the AGREEMENT shall be amended as follows:

C	Total Facility Usage Charge for this Request (Total Line B)	\$133.15
D	Annual Facility Usage Charge to City for this Request (Total Line C X 9%)	\$11.98
E	Annual Energy Charge for this Request (Total Line A)	-\$33.43
F	Annual Facility Usage and Energy Charge for this Request (Total Line D plus/minus Line E)	-\$21.45
G	Monthly Increase/Decrease to be Paid by City for this Request (Total Line F divided by 12 months)	-\$1.79

This request for change shall be effective from and after its execution and is supplemental to, forms a part of and is to be construed with and subject to the terms, conditions and provisions of the Agreement herein referred to which, in all other particulars except as hereinafter amended, is ratified and confirmed. This contract and any ancillary agreements may be executed in counterparts, each of which shall be deemed an original and all of which, taken together, shall be deemed to be one agreement, and signatures by fax or other electronic transmission are acceptable and shall constitute an original signature for all purposes.

Executed at _____ this _____ day of _____
 (SEAL)
 ATTEST: _____ By _____
 Clerk of Neosho Mayor or Board Chairman

ACCEPTANCE

The COMPANY hereby approves and consents to the aforesaid request for change in street lighting service and all terms and provisions included therein, and agrees that the Municipal Electric Service Agreement shall be amended accordingly. The number of street lights in service in said CITY will, after completion of the above changes and until our approval of further changes, be as follows:

Mercury Vapor Lights		High Pressure Sodium Lights		Metal Halide Lights		Light Emitting Diode Lights	
7,000L - 175W	458	6,000L - 70W	10	12,000L - 175W	8	7,500 - 9,500L - 150W	164
11,000L - 250W	13	16,000L - 150W	185	20,500L - 250W	58	13,000 - 16,000L - 250W	1
20,000L - 400W	8	27,500L - 250W	11	36,000L - 400W	1	19,000 - 22,000L - 250W	0
53,000L - 1,000W	3	50,000L - 400W	1	110,000L - 1,000W	0		
		130,000L - 1,000W	1				

WO# 1025044	DATE COMPLETED _____
CURRENT INVESTMENT CHARGE	ANNUAL FACILITY USAGE CHARGE
\$133.15	\$56,841.27
	ACCUMULATIVE INVESTMENT CHARGE
	\$631,569.67

The Empire District Electric Company

Company Representative Completing Contract: Roger Kidd

Executed at Joplin, Mo this _____ day of _____

By _____
 (Authorized Signatory)

Work Order # **1025047**

The Empire District Electric Company

Request for Change in Street Lighting Service

Missouri

Pursuant to a Resolution adopted by the governing body of the **City of Neosho**, hereinafter called CITY, on the **16th** day of **October, 2023** **The Empire District Electric Company**, hereinafter called COMPANY, is hereby requested to make the following changes in street lighting service pursuant to the provisions of the Municipal Electric Service Agreement, hereinafter called AGREEMENT, executed by the CITY and the COMPANY.

STREET LIGHT REQUEST	ADDRESS - LOCATION STREET LIGHTS and EXCESS FACILITIES	SIZE and TYPE STREET LIGHTS	Q T Y	ANNUAL ENERGY CHARGE		FACILITY USAGE CHARGE	
				Installed	Removed	Installed	Removed
Install	Hickory & Hamilton St	7,500L-9,500L 150W eq LED 1 Cobrahead	1	\$74.03		\$ 351.62	
Remove	Hickory & Hamilton St	16,000L 150W HPS Open Bottom	1		\$107.46		\$ 218.47
Subtotals - Annual Energy Charge and Facility Usage Charge for this Request				\$74.03	\$107.46	\$ 351.62	\$ 218.47
A Annual Energy Charge for this Request (Install minus Remove)				-\$33.43			
B Total Facility Usage Charge for this Street Light Request (Install minus Remove)						\$ 133.15	

The CITY agrees that the AGREEMENT shall be amended as follows:

C	Total Facility Usage Charge for this Request (Total Line B)	\$133.15
D	Annual Facility Usage Charge to City for this Request (Total Line C X 9%)	\$11.98
E	Annual Energy Charge for this Request (Total Line A)	-\$33.43
F	Annual Facility Usage and Energy Charge for this Request (Total Line D plus/minus Line E)	-\$21.45
G	Monthly Increase/Decrease to be Paid by City for this Request (Total Line F divided by 12 months)	-\$1.79

This request for change shall be effective from and after its execution and is supplemental to, forms a part of and is to be construed with and subject to the terms, conditions and provisions of the Agreement herein referred to which, in all other particulars except as hereinafter amended, is ratified and confirmed. This contract and any ancillary agreements may be executed in counterparts, each of which shall be deemed an original and all of which, taken together, shall be deemed to be one agreement, and signatures by fax or other electronic transmission are acceptable and shall constitute an original signature for all purposes.

Executed at _____ this _____ day of _____
 (SEAL)
 ATTEST: _____ By _____
 Clerk of Neosho Mayor or Board Chairman

ACCEPTANCE

The COMPANY hereby approves and consents to the aforesaid request for change in street lighting service and all terms and provisions included therein, and agrees that the Municipal Electric Service Agreement shall be amended accordingly. The number of street lights in service in said CITY will, after completion of the above changes and until our approval of further changes, be as follows:

Mercury Vapor Lights		High Pressure Sodium Lights		Metal Halide Lights		Light Emitting Diode Lights	
7,000L - 175W	458	6,000L - 70W	10	12,000L - 175W	8	7,500 - 9,500L - 150W	165
11,000L - 250W	13	16,000L - 150W	184	20,500L - 250W	58	13,000 - 16,000L - 250W	1
20,000L - 400W	8	27,500L - 250W	11	36,000L - 400W	1	19,000 - 22,000L - 250W	0
53,000L - 1,000W	3	50,000L - 400W	1	110,000L - 1,000W	0		
		130,000L - 1,000W	1				

WO# 1025047	DATE COMPLETED _____
CURRENT INVESTMENT CHARGE	ANNUAL FACILITY USAGE CHARGE
\$133.15	\$56,853.25
	ACCUMULATIVE INVESTMENT CHARGE
	\$631,702.82

The Empire District Electric Company

Company Representative Completing Contract: Roger Kidd

Executed at Joplin, Mo this _____ day of _____

By _____
 (Authorized Signatory)

Work Order # **1025048****The Empire District Electric Company*****Request for Change in Street Lighting Service***

Missouri

City of Neosho

Pursuant to a Resolution adopted by the governing body of the **City of Neosho** hereinafter called CITY, on the **16th** day of **October, 2023** **The Empire District Electric Company**, hereinafter called COMPANY, is hereby requested to make the following changes in street lighting service pursuant to the provisions of the Municipal Electric Service Agreement, hereinafter called AGREEMENT, executed by the CITY and the COMPANY.

STREET LIGHT REQUEST	ADDRESS - LOCATION STREET LIGHTS and EXCESS FACILITIES	SIZE and TYPE STREET LIGHTS	Q T Y	ANNUAL ENERGY CHARGE		FACILITY USAGE CHARGE	
				Installed	Removed	Installed	Removed
Install	La-Z-Boy Pkwy & N Wood St	7,500L-9,500L 150W eq LED 1 Cobrahead	1	\$74.03		\$ 351.62	
Remove	La-Z-Boy Pkwy & N Wood St	16,000L 150W HPS Open Bottom	1		\$107.46		\$ 218.47
Subtotals - Annual Energy Charge and Facility Usage Charge for this Request				\$74.03	\$107.46	\$ 351.62	\$ 218.47
A Annual Energy Charge for this Request (Install minus Remove)				-\$33.43			
B Total Facility Usage Charge for this Street Light Request (Install minus Remove)						\$ 133.15	

The CITY agrees that the AGREEMENT shall be amended as follows:

C	Total Facility Usage Charge for this Request (Total Line B)	\$133.15
D	Annual Facility Usage Charge to City for this Request (Total Line C X 9%)	\$11.98
E	Annual Energy Charge for this Request (Total Line A)	-\$33.43
F	Annual Facility Usage and Energy Charge for this Request (Total Line D plus/minus Line E)	-\$21.45
G	Monthly Increase/Decrease to be Paid by City for this Request (Total Line F divided by 12 months)	-\$1.79

This request for change shall be effective from and after its execution and is supplemental to, forms a part of and is to be construed with and subject to the terms, conditions and provisions of the Agreement herein referred to which, in all other particulars except as hereinafter amended, is ratified and confirmed. This contract and any ancillary agreements may be executed in counterparts, each of which shall be deemed an original and all of which, taken together, shall be deemed to be one agreement, and signatures by fax or other electronic transmission are acceptable and shall constitute an original signature for all purposes.

Executed at _____ this _____ day of _____
 (SEAL)
 ATTEST: _____ By _____
 Clerk of Neosho Mayor or Board Chairman

ACCEPTANCE

The COMPANY hereby approves and consents to the aforesaid request for change in street lighting service and all terms and provisions included therein, and agrees that the Municipal Electric Service Agreement shall be amended accordingly. The number of street lights in service in said CITY will, after completion of the above changes and until our approval of further changes, be as follows:

Mercury Vapor Lights		High Pressure Sodium Lights		Metal Halide Lights		Light Emitting Diode Lights	
7,000L - 175W	458	6,000L - 70W	10	12,000L - 175W	8	7,500 - 9,500L - 150W	166
11,000L - 250W	13	16,000L - 150W	183	20,500L - 250W	58	13,000 - 16,000L - 250W	1
20,000L - 400W	8	27,500L - 250W	11	36,000L - 400W	1	19,000 - 22,000L - 250W	0
53,000L - 1,000W	3	50,000L - 400W	1	110,000L - 1,000W	0		
		130,000L - 1,000W	1				

WO# 1025048

DATE COMPLETED _____

CURRENT INVESTMENT CHARGE

ANNUAL FACILITY USAGE CHARGE

ACCUMULATIVE INVESTMENT CHARGE

\$133.15

\$56,865.24

\$631,835.97

The Empire District Electric CompanyCompany Representative Completing Contract: Roger Kidd

Executed at Joplin, Mo this _____ day of _____

By _____
(Authorized Signatory)

Work Order # **1025241**

The Empire District Electric Company

Request for Change in Street Lighting Service

Missouri

City of Neosho

Pursuant to a Resolution adopted by the governing body of the **City of Neosho**, hereinafter called CITY, on the **27th** day of **November, 2023** **The Empire District Electric Company**, hereinafter called COMPANY, is hereby requested to make the following changes in street lighting service pursuant to the provisions of the Municipal Electric Service Agreement, hereinafter called AGREEMENT, executed by the CITY and the COMPANY.

STREET LIGHT REQUEST	ADDRESS - LOCATION STREET LIGHTS and EXCESS FACILITIES	SIZE and TYPE STREET LIGHTS	Q T Y	ANNUAL ENERGY CHARGE		FACILITY USAGE CHARGE	
				Installed	Removed	Installed	Removed
Install	Kingsberry & Ridgewood St	7,500L-9,500L 150W eq LED 1 Cobrahead	1	\$74.03		\$ 351.62	
Remove	Kingsberry & Ridgewood St	7,000L 175W MV Open Bottom	1		\$91.62		\$ 54.38
Subtotals - Annual Energy Charge and Facility Usage Charge for this Request				\$74.03	\$91.62	\$ 351.62	\$ 54.38
A Annual Energy Charge for this Request (Install minus Remove)				-\$17.59			
B Total Facility Usage Charge for this Street Light Request (Install minus Remove)						\$ 297.24	

The CITY agrees that the AGREEMENT shall be amended as follows:

C	Total Facility Usage Charge for this Request (Total Line B)	\$297.24
D	Annual Facility Usage Charge to City for this Request (Total Line C X 9%)	\$26.75
E	Annual Energy Charge for this Request (Total Line A)	-\$17.59
F	Annual Facility Usage and Energy Charge for this Request (Total Line D plus/minus Line E)	\$9.16
G	Monthly Increase/Decrease to be Paid by City for this Request (Total Line F divided by 12 months)	\$0.76

This request for change shall be effective from and after its execution and is supplemental to, forms a part of and is to be construed with and subject to the terms, conditions and provisions of the Agreement herein referred to which, in all other particulars except as hereinafter amended, is ratified and confirmed. This contract and any ancillary agreements may be executed in counterparts, each of which shall be deemed an original and all of which, taken together, shall be deemed to be one agreement, and signatures by fax or other electronic transmission are acceptable and shall constitute an original signature for all purposes.

Executed at _____ this _____ day of _____
 (SEAL)
 ATTEST: _____ By _____
 Clerk of Neosho Mayor or Board Chairman

ACCEPTANCE

The COMPANY hereby approves and consents to the aforesaid request for change in street lighting service and all terms and provisions included therein, and agrees that the Municipal Electric Service Agreement shall be amended accordingly. The number of street lights in service in said CITY will, after completion of the above changes and until our approval of further changes, be as follows:

Mercury Vapor Lights		High Pressure Sodium Lights		Metal Halide Lights		Light Emitting Diode Lights	
7,000L - 175W	453	6,000L - 70W	10	12,000L - 175W	8	7,500 - 9,500L - 150W	169
11,000L - 250W	13	16,000L - 150W	186	20,500L - 250W	58	13,000 - 16,000L - 250W	2
20,000L - 400W	8	27,500L - 250W	11	36,000L - 400W	1	19,000 - 22,000L - 250W	0
53,000L - 1,000W	3	50,000L - 400W	1	110,000L - 1,000W	0		
		130,000L - 1,000W	1				

WO# 1025241	DATE COMPLETED _____
CURRENT INVESTMENT CHARGE	ANNUAL FACILITY USAGE CHARGE
\$297.24	\$57,182.11
	ACCUMULATIVE INVESTMENT CHARGE
	\$635,356.74

The Empire District Electric Company

Company Representative Completing Contract: Roger Kidd

Executed at Joplin, Mo this _____ day of _____

By _____
 (Authorized Signatory)

Work Order # **1025245**

The Empire District Electric Company

Request for Change in Street Lighting Service

Missouri

Pursuant to a Resolution adopted by the governing body of the **City of Neosho**, hereinafter called CITY, on the **27th** day of **November, 2023** **The Empire District Electric Company**, hereinafter called COMPANY, is hereby requested to make the following changes in street lighting service pursuant to the provisions of the Municipal Electric Service Agreement, hereinafter called AGREEMENT, executed by the CITY and the COMPANY.

STREET LIGHT REQUEST	ADDRESS - LOCATION STREET LIGHTS and EXCESS FACILITIES	SIZE and TYPE STREET LIGHTS	Q T Y	ANNUAL ENERGY CHARGE		FACILITY USAGE CHARGE	
				Installed	Removed	Installed	Removed
Install	W Hickory & High St	7,500L-9,500L 150W eq LED 1 Cobrahead	1	\$74.03		\$ 351.62	
Remove	W Hickory & High St	16,000L 150W HPS Open Bottom	1		\$107.46		\$ 218.47
Subtotals - Annual Energy Charge and Facility Usage Charge for this Request				\$74.03	\$107.46	\$ 351.62	\$ 218.47
A Annual Energy Charge for this Request (Install minus Remove)				-\$33.43			
B Total Facility Usage Charge for this Street Light Request (Install minus Remove)						\$ 133.15	

The CITY agrees that the AGREEMENT shall be amended as follows:

C	Total Facility Usage Charge for this Request (Total Line B)	\$133.15
D	Annual Facility Usage Charge to City for this Request (Total Line C X 9%)	\$11.98
E	Annual Energy Charge for this Request (Total Line A)	-\$33.43
F	Annual Facility Usage and Energy Charge for this Request (Total Line D plus/minus Line E)	-\$21.45
G	Monthly Increase/Decrease to be Paid by City for this Request (Total Line F divided by 12 months)	-\$1.79

This request for change shall be effective from and after its execution and is supplemental to, forms a part of and is to be construed with and subject to the terms, conditions and provisions of the Agreement herein referred to which, in all other particulars except as hereinafter amended, is ratified and confirmed. This contract and any ancillary agreements may be executed in counterparts, each of which shall be deemed an original and all of which, taken together, shall be deemed to be one agreement, and signatures by fax or other electronic transmission are acceptable and shall constitute an original signature for all purposes.

Executed at _____ this _____ day of _____
 (SEAL)
 ATTEST: _____ By _____
 Clerk of Neosho Mayor or Board Chairman

ACCEPTANCE

The COMPANY hereby approves and consents to the aforesaid request for change in street lighting service and all terms and provisions included therein, and agrees that the Municipal Electric Service Agreement shall be amended accordingly. The number of street lights in service in said CITY will, after completion of the above changes and until our approval of further changes, be as follows:

Mercury Vapor Lights		High Pressure Sodium Lights		Metal Halide Lights		Light Emitting Diode Lights	
7,000L - 175W	453	6,000L - 70W	10	12,000L - 175W	8	7,500 - 9,500L - 150W	170
11,000L - 250W	13	16,000L - 150W	185	20,500L - 250W	58	13,000 - 16,000L - 250W	2
20,000L - 400W	8	27,500L - 250W	11	36,000L - 400W	1	19,000 - 22,000L - 250W	0
53,000L - 1,000W	3	50,000L - 400W	1	110,000L - 1,000W	0		
		130,000L - 1,000W	1				

WO# 1025245	DATE COMPLETED _____
CURRENT INVESTMENT CHARGE	ANNUAL FACILITY USAGE CHARGE
\$133.15	\$57,194.09
	ACCUMULATIVE INVESTMENT CHARGE
	\$635,489.89

The Empire District Electric Company

Company Representative Completing Contract: Roger Kidd

Executed at Joplin, Mo this _____ day of _____

By _____
 (Authorized Signatory)

Work Order # **1025249**

The Empire District Electric Company

Request for Change in Street Lighting Service

Missouri

City of Neosho

Pursuant to a Resolution adopted by the governing body of the **City of Neosho**, hereinafter called CITY, on the **27th** day of **November, 2023** **The Empire District Electric Company**, hereinafter called COMPANY, is hereby requested to make the following changes in street lighting service pursuant to the provisions of the Municipal Electric Service Agreement, hereinafter called AGREEMENT, executed by the CITY and the COMPANY.

STREET LIGHT REQUEST	ADDRESS - LOCATION STREET LIGHTS and EXCESS FACILITIES	SIZE and TYPE STREET LIGHTS	Q T Y	ANNUAL ENERGY CHARGE		FACILITY USAGE CHARGE	
				Installed	Removed	Installed	Removed
Install	Hillcrest & Harmony St1	7,500L-9,500L 150W eq LED 1 Cobrahead	1	\$74.03		\$ 351.62	
Remove	Hillcrest & Harmony St	27,500L 250W HPS Cobrahead	1		\$139.85		\$ 238.87
Subtotals - Annual Energy Charge and Facility Usage Charge for this Request				\$74.03	\$139.85	\$ 351.62	\$ 238.87
A Annual Energy Charge for this Request (Install minus Remove)				-\$65.82			
B Total Facility Usage Charge for this Street Light Request (Install minus Remove)						\$ 112.75	

The CITY agrees that the AGREEMENT shall be amended as follows:

C	Total Facility Usage Charge for this Request (Total Line B)	\$112.75
D	Annual Facility Usage Charge to City for this Request (Total Line C X 9%)	\$10.15
E	Annual Energy Charge for this Request (Total Line A)	-\$65.82
F	Annual Facility Usage and Energy Charge for this Request (Total Line D plus/minus Line E)	-\$55.67
G	Monthly Increase/Decrease to be Paid by City for this Request (Total Line F divided by 12 months)	-\$4.64

This request for change shall be effective from and after its execution and is supplemental to, forms a part of and is to be construed with and subject to the terms, conditions and provisions of the Agreement herein referred to which, in all other particulars except as hereinafter amended, is ratified and confirmed. This contract and any ancillary agreements may be executed in counterparts, each of which shall be deemed an original and all of which, taken together, shall be deemed to be one agreement, and signatures by fax or other electronic transmission are acceptable and shall constitute an original signature for all purposes.

Executed at _____ this _____ day of _____
 (SEAL)
 ATTEST: _____ By _____
 Clerk of Neosho Mayor or Board Chairman

ACCEPTANCE

The COMPANY hereby approves and consents to the aforesaid request for change in street lighting service and all terms and provisions included therein, and agrees that the Municipal Electric Service Agreement shall be amended accordingly. The number of street lights in service in said CITY will, after completion of the above changes and until our approval of further changes, be as follows:

Mercury Vapor Lights		High Pressure Sodium Lights		Metal Halide Lights		Light Emitting Diode Lights	
7,000L - 175W	453	6,000L - 70W	10	12,000L - 175W	8	7,500 - 9,500L - 150W	171
11,000L - 250W	13	16,000L - 150W	185	20,500L - 250W	58	13,000 - 16,000L - 250W	2
20,000L - 400W	8	27,500L - 250W	10	36,000L - 400W	1	19,000 - 22,000L - 250W	0
53,000L - 1,000W	3	50,000L - 400W	1	110,000L - 1,000W	0		
		130,000L - 1,000W	1				

WO# 1025249	DATE COMPLETED _____
CURRENT INVESTMENT CHARGE	ANNUAL FACILITY USAGE CHARGE
\$112.75	\$57,204.24
	ACCUMULATIVE INVESTMENT CHARGE
	\$635,602.64

The Empire District Electric Company

Company Representative Completing Contract: Roger Kidd

Executed at Joplin, Mo this _____ day of _____

By _____
 (Authorized Signatory)

Work Order # **1025250**

The Empire District Electric Company

Request for Change in Street Lighting Service

Missouri

City of Neosho

Pursuant to a Resolution adopted by the governing body of the **City of Neosho**, hereinafter called CITY, on the **27th** day of **November, 2023** **The Empire District Electric Company**, hereinafter called COMPANY, is hereby requested to make the following changes in street lighting service pursuant to the provisions of the Municipal Electric Service Agreement, hereinafter called AGREEMENT, executed by the CITY and the COMPANY.

STREET LIGHT REQUEST	ADDRESS - LOCATION STREET LIGHTS and EXCESS FACILITIES	SIZE and TYPE STREET LIGHTS	Q T Y	ANNUAL ENERGY CHARGE		FACILITY USAGE CHARGE	
				Installed	Removed	Installed	Removed
Install	731 Hillcrest & W Harmony	7,500L-9,500L 150W eq LED 1 Cobrahead	1	\$74.03		\$ 351.62	
Remove	731 W Harmony	7,000L 175W MV Open Bottom	1		\$91.62		\$ 54.38
Subtotals - Annual Energy Charge and Facility Usage Charge for this Request				\$74.03	\$91.62	\$ 351.62	\$ 54.38
A Annual Energy Charge for this Request (Install minus Remove)				-\$17.59			
B Total Facility Usage Charge for this Street Light Request (Install minus Remove)						\$ 297.24	

The CITY agrees that the AGREEMENT shall be amended as follows:

C	Total Facility Usage Charge for this Request (Total Line B)	\$297.24
D	Annual Facility Usage Charge to City for this Request (Total Line C X 9%)	\$26.75
E	Annual Energy Charge for this Request (Total Line A)	-\$17.59
F	Annual Facility Usage and Energy Charge for this Request (Total Line D plus/minus Line E)	\$9.16
G	Monthly Increase/Decrease to be Paid by City for this Request (Total Line F divided by 12 months)	\$0.76

This request for change shall be effective from and after its execution and is supplemental to, forms a part of and is to be construed with and subject to the terms, conditions and provisions of the Agreement herein referred to which, in all other particulars except as hereinafter amended, is ratified and confirmed. This contract and any ancillary agreements may be executed in counterparts, each of which shall be deemed an original and all of which, taken together, shall be deemed to be one agreement, and signatures by fax or other electronic transmission are acceptable and shall constitute an original signature for all purposes.

Executed at _____ this _____ day of _____
 (SEAL)
 ATTEST: _____ By _____
 Clerk of Neosho Mayor or Board Chairman

ACCEPTANCE

The COMPANY hereby approves and consents to the aforesaid request for change in street lighting service and all terms and provisions included therein, and agrees that the Municipal Electric Service Agreement shall be amended accordingly. The number of street lights in service in said CITY will, after completion of the above changes and until our approval of further changes, be as follows:

Mercury Vapor Lights		High Pressure Sodium Lights		Metal Halide Lights		Light Emitting Diode Lights	
7,000L - 175W	452	6,000L - 70W	10	12,000L - 175W	8	7,500 - 9,500L - 150W	172
11,000L - 250W	13	16,000L - 150W	185	20,500L - 250W	58	13,000 - 16,000L - 250W	2
20,000L - 400W	8	27,500L - 250W	10	36,000L - 400W	1	19,000 - 22,000L - 250W	0
53,000L - 1,000W	3	50,000L - 400W	1	110,000L - 1,000W	0		
		130,000L - 1,000W	1				

WO# 1025250	DATE COMPLETED _____
CURRENT INVESTMENT CHARGE	ANNUAL FACILITY USAGE CHARGE
\$297.24	\$57,230.99
	ACCUMULATIVE INVESTMENT CHARGE
	\$635,899.88

The Empire District Electric Company

Company Representative Completing Contract: Roger Kidd

Executed at Joplin, Mo this _____ day of _____

By _____
 (Authorized Signatory)

Work Order # **1025251**

The Empire District Electric Company

Request for Change in Street Lighting Service

Missouri

Pursuant to a Resolution adopted by the governing body of the **City of Neosho**, hereinafter called CITY, on the **27th** day of **November, 2023** **The Empire District Electric Company**, hereinafter called COMPANY, is hereby requested to make the following changes in street lighting service pursuant to the provisions of the Municipal Electric Service Agreement, hereinafter called AGREEMENT, executed by the CITY and the COMPANY.

STREET LIGHT REQUEST	ADDRESS - LOCATION STREET LIGHTS and EXCESS FACILITIES	SIZE and TYPE STREET LIGHTS	Q T Y	ANNUAL ENERGY CHARGE		FACILITY USAGE CHARGE	
				Installed	Removed	Installed	Removed
Install	Veta & Harmony St	7,500L-9,500L 150W eq LED 1 Cobrahead	1	\$74.03		\$ 351.62	
Remove	Veta & Harmony St	16,000L 150W HPS Open Bottom	1		\$107.46		\$ 218.47
Subtotals - Annual Energy Charge and Facility Usage Charge for this Request				\$74.03	\$107.46	\$ 351.62	\$ 218.47
A Annual Energy Charge for this Request (Install minus Remove)				-\$33.43			
B Total Facility Usage Charge for this Street Light Request (Install minus Remove)						\$ 133.15	

The CITY agrees that the AGREEMENT shall be amended as follows:

C	Total Facility Usage Charge for this Request (Total Line B)	\$133.15
D	Annual Facility Usage Charge to City for this Request (Total Line C X 9%)	\$11.98
E	Annual Energy Charge for this Request (Total Line A)	-\$33.43
F	Annual Facility Usage and Energy Charge for this Request (Total Line D plus/minus Line E)	-\$21.45
G	Monthly Increase/Decrease to be Paid by City for this Request (Total Line F divided by 12 months)	-\$1.79

This request for change shall be effective from and after its execution and is supplemental to, forms a part of and is to be construed with and subject to the terms, conditions and provisions of the Agreement herein referred to which, in all other particulars except as hereinafter amended, is ratified and confirmed. This contract and any ancillary agreements may be executed in counterparts, each of which shall be deemed an original and all of which, taken together, shall be deemed to be one agreement, and signatures by fax or other electronic transmission are acceptable and shall constitute an original signature for all purposes.

Executed at _____ this _____ day of _____
 (SEAL)
 ATTEST: _____ By _____
 Clerk of Neosho Mayor or Board Chairman

ACCEPTANCE

The COMPANY hereby approves and consents to the aforesaid request for change in street lighting service and all terms and provisions included therein, and agrees that the Municipal Electric Service Agreement shall be amended accordingly. The number of street lights in service in said CITY will, after completion of the above changes and until our approval of further changes, be as follows:

Mercury Vapor Lights		High Pressure Sodium Lights		Metal Halide Lights		Light Emitting Diode Lights	
7,000L - 175W	452	6,000L - 70W	10	12,000L - 175W	8	7,500 - 9,500L - 150W	173
11,000L - 250W	13	16,000L - 150W	184	20,500L - 250W	58	13,000 - 16,000L - 250W	2
20,000L - 400W	8	27,500L - 250W	10	36,000L - 400W	1	19,000 - 22,000L - 250W	0
53,000L - 1,000W	3	50,000L - 400W	1	110,000L - 1,000W	0		
		130,000L - 1,000W	1				

WO# 1025251	DATE COMPLETED _____
CURRENT INVESTMENT CHARGE	ANNUAL FACILITY USAGE CHARGE
\$133.15	\$57,242.97
	ACCUMULATIVE INVESTMENT CHARGE
	\$636,033.03

The Empire District Electric Company

Company Representative Completing Contract: Roger Kidd

Executed at Joplin, Mo this _____ day of _____

By _____
 (Authorized Signatory)

Work Order # **1025252****The Empire District Electric Company*****Request for Change in Street Lighting Service***

Missouri

City of Neosho

Pursuant to a Resolution adopted by the governing body of the **City of Neosho** hereinafter called CITY, on the **27th** day of **October, 2023** **The Empire District Electric Company**, hereinafter called COMPANY, is hereby requested to make the following changes in street lighting service pursuant to the provisions of the Municipal Electric Service Agreement, hereinafter called AGREEMENT, executed by the CITY and the COMPANY.

STREET LIGHT REQUEST	ADDRESS - LOCATION STREET LIGHTS and EXCESS FACILITIES	SIZE and TYPE STREET LIGHTS	Q T Y	ANNUAL ENERGY CHARGE		FACILITY USAGE CHARGE	
				Installed	Removed	Installed	Removed
Install	High & Patterson St	7,500L-9,500L 150W eq LED 1 Cobrahead	1	\$74.03		\$ 351.62	
Remove	High & Patterson St	16,000L 150W HPS Open Bottom	1		\$107.46		\$ 218.47
Subtotals - Annual Energy Charge and Facility Usage Charge for this Request				\$74.03	\$107.46	\$ 351.62	\$ 218.47
A Annual Energy Charge for this Request (Install minus Remove)				-\$33.43			
B Total Facility Usage Charge for this Street Light Request (Install minus Remove)						\$ 133.15	

The CITY agrees that the AGREEMENT shall be amended as follows:

C	Total Facility Usage Charge for this Request (Total Line B)	\$133.15
D	Annual Facility Usage Charge to City for this Request (Total Line C X 9%)	\$11.98
E	Annual Energy Charge for this Request (Total Line A)	-\$33.43
F	Annual Facility Usage and Energy Charge for this Request (Total Line D plus/minus Line E)	-\$21.45
G	Monthly Increase/Decrease to be Paid by City for this Request (Total Line F divided by 12 months)	-\$1.79

This request for change shall be effective from and after its execution and is supplemental to, forms a part of and is to be construed with and subject to the terms, conditions and provisions of the Agreement herein referred to which, in all other particulars except as hereinafter amended, is ratified and confirmed. This contract and any ancillary agreements may be executed in counterparts, each of which shall be deemed an original and all of which, taken together, shall be deemed to be one agreement, and signatures by fax or other electronic transmission are acceptable and shall constitute an original signature for all purposes.

Executed at _____ this _____ day of _____
 (SEAL)
 ATTEST: _____ By _____
 Clerk of Neosho Mayor or Board Chairman

ACCEPTANCE

The COMPANY hereby approves and consents to the aforesaid request for change in street lighting service and all terms and provisions included therein, and agrees that the Municipal Electric Service Agreement shall be amended accordingly. The number of street lights in service in said CITY will, after completion of the above changes and until our approval of further changes, be as follows:

Mercury Vapor Lights		High Pressure Sodium Lights		Metal Halide Lights		Light Emitting Diode Lights	
7,000L - 175W	452	6,000L - 70W	10	12,000L - 175W	8	7,500 - 9,500L - 150W	174
11,000L - 250W	13	16,000L - 150W	183	20,500L - 250W	58	13,000 - 16,000L - 250W	2
20,000L - 400W	8	27,500L - 250W	10	36,000L - 400W	1	19,000 - 22,000L - 250W	0
53,000L - 1,000W	3	50,000L - 400W	1	110,000L - 1,000W	0		
		130,000L - 1,000W	1				

WO# 1025252

DATE COMPLETED _____

CURRENT INVESTMENT CHARGE

ANNUAL FACILITY USAGE CHARGE

ACCUMULATIVE INVESTMENT CHARGE

\$133.15

\$57,254.96

\$636,166.18

The Empire District Electric CompanyCompany Representative Completing Contract: Roger Kidd

Executed at Joplin, Mo this _____ day of _____

By _____
(Authorized Signatory)

Work Order # **1025253**

The Empire District Electric Company

Request for Change in Street Lighting Service

Missouri

Pursuant to a Resolution adopted by the governing body of the **City of Neosho**, hereinafter called CITY, on the **27th** day of **October, 2023** **The Empire District Electric Company**, hereinafter called COMPANY, is hereby requested to make the following changes in street lighting service pursuant to the provisions of the Municipal Electric Service Agreement, hereinafter called AGREEMENT, executed by the CITY and the COMPANY.

STREET LIGHT REQUEST	ADDRESS - LOCATION STREET LIGHTS and EXCESS FACILITIES	SIZE and TYPE STREET LIGHTS	Q T Y	ANNUAL ENERGY CHARGE		FACILITY USAGE CHARGE	
				Installed	Removed	Installed	Removed
Install	241 Patterson St	7,500L-9,500L 150W eq LED 1 Cobrahead	1	\$74.03		\$ 351.62	
Remove	241 Patterson St	16,000L 150W HPS Cobrahead	1		\$107.46		\$ 218.47
Subtotals - Annual Energy Charge and Facility Usage Charge for this Request				\$74.03	\$107.46	\$ 351.62	\$ 218.47
A Annual Energy Charge for this Request (Install minus Remove)				-\$33.43			
B Total Facility Usage Charge for this Street Light Request (Install minus Remove)						\$ 133.15	

The CITY agrees that the AGREEMENT shall be amended as follows:

C	Total Facility Usage Charge for this Request (Total Line B)	\$133.15
D	Annual Facility Usage Charge to City for this Request (Total Line C X 9%)	\$11.98
E	Annual Energy Charge for this Request (Total Line A)	-\$33.43
F	Annual Facility Usage and Energy Charge for this Request (Total Line D plus/minus Line E)	-\$21.45
G	Monthly Increase/Decrease to be Paid by City for this Request (Total Line F divided by 12 months)	-\$1.79

This request for change shall be effective from and after its execution and is supplemental to, forms a part of and is to be construed with and subject to the terms, conditions and provisions of the Agreement herein referred to which, in all other particulars except as hereinafter amended, is ratified and confirmed. This contract and any ancillary agreements may be executed in counterparts, each of which shall be deemed an original and all of which, taken together, shall be deemed to be one agreement, and signatures by fax or other electronic transmission are acceptable and shall constitute an original signature for all purposes.

Executed at _____ this _____ day of _____
 (SEAL)
 ATTEST: _____ By _____
 Clerk of Neosho Mayor or Board Chairman

ACCEPTANCE

The COMPANY hereby approves and consents to the aforesaid request for change in street lighting service and all terms and provisions included therein, and agrees that the Municipal Electric Service Agreement shall be amended accordingly. The number of street lights in service in said CITY will, after completion of the above changes and until our approval of further changes, be as follows:

Mercury Vapor Lights		High Pressure Sodium Lights		Metal Halide Lights		Light Emitting Diode Lights	
7,000L - 175W	452	6,000L - 70W	10	12,000L - 175W	8	7,500 - 9,500L - 150W	175
11,000L - 250W	13	16,000L - 150W	182	20,500L - 250W	58	13,000 - 16,000L - 250W	2
20,000L - 400W	8	27,500L - 250W	10	36,000L - 400W	1	19,000 - 22,000L - 250W	0
53,000L - 1,000W	3	50,000L - 400W	1	110,000L - 1,000W	0		
		130,000L - 1,000W	1				

WO# 1025253	DATE COMPLETED _____
CURRENT INVESTMENT CHARGE	ANNUAL FACILITY USAGE CHARGE
\$133.15	\$57,266.94
	ACCUMULATIVE INVESTMENT CHARGE
	\$636,299.33

The Empire District Electric Company

Company Representative Completing Contract: Roger Kidd

Executed at Joplin, Mo this _____ day of _____

By _____
 (Authorized Signatory)

Work Order # **1025289**

The Empire District Electric Company

Request for Change in Street Lighting Service

Missouri

Pursuant to a Resolution adopted by the governing body of the **City of Neosho**, hereinafter called CITY, on the **28th** day of **October, 2023** **The Empire District Electric Company**, hereinafter called COMPANY, is hereby requested to make the following changes in street lighting service pursuant to the provisions of the Municipal Electric Service Agreement, hereinafter called AGREEMENT, executed by the CITY and the COMPANY.

STREET LIGHT REQUEST	ADDRESS - LOCATION STREET LIGHTS and EXCESS FACILITIES	SIZE and TYPE STREET LIGHTS	Q T Y	ANNUAL ENERGY CHARGE		FACILITY USAGE CHARGE	
				Installed	Removed	Installed	Removed
Install	300 E Coler St	7,500L-9,500L 150W eq LED 1 Cobrahead	1	\$74.03		\$ 351.62	
Remove	300 E Coler St	16,000L 150W HPS Open Bottom	1		\$107.46		\$ 218.47
Subtotals - Annual Energy Charge and Facility Usage Charge for this Request				\$74.03	\$107.46	\$ 351.62	\$ 218.47
A Annual Energy Charge for this Request (Install minus Remove)				-\$33.43			
B Total Facility Usage Charge for this Street Light Request (Install minus Remove)						\$ 133.15	

The CITY agrees that the AGREEMENT shall be amended as follows:

C	Total Facility Usage Charge for this Request (Total Line B)	\$133.15
D	Annual Facility Usage Charge to City for this Request (Total Line C X 9%)	\$11.98
E	Annual Energy Charge for this Request (Total Line A)	-\$33.43
F	Annual Facility Usage and Energy Charge for this Request (Total Line D plus/minus Line E)	-\$21.45
G	Monthly Increase/Decrease to be Paid by City for this Request (Total Line F divided by 12 months)	-\$1.79

This request for change shall be effective from and after its execution and is supplemental to, forms a part of and is to be construed with and subject to the terms, conditions and provisions of the Agreement herein referred to which, in all other particulars except as hereinafter amended, is ratified and confirmed. This contract and any ancillary agreements may be executed in counterparts, each of which shall be deemed an original and all of which, taken together, shall be deemed to be one agreement, and signatures by fax or other electronic transmission are acceptable and shall constitute an original signature for all purposes.

Executed at _____ this _____ day of _____
 (SEAL)
 ATTEST: _____ By _____
 Clerk of Neosho Mayor or Board Chairman

ACCEPTANCE

The COMPANY hereby approves and consents to the aforesaid request for change in street lighting service and all terms and provisions included therein, and agrees that the Municipal Electric Service Agreement shall be amended accordingly. The number of street lights in service in said CITY will, after completion of the above changes and until our approval of further changes, be as follows:

Mercury Vapor Lights		High Pressure Sodium Lights		Metal Halide Lights		Light Emitting Diode Lights	
7,000L - 175W	452	6,000L - 70W	10	12,000L - 175W	8	7,500 - 9,500L - 150W	176
11,000L - 250W	13	16,000L - 150W	181	20,500L - 250W	58	13,000 - 16,000L - 250W	2
20,000L - 400W	8	27,500L - 250W	10	36,000L - 400W	1	19,000 - 22,000L - 250W	0
53,000L - 1,000W	3	50,000L - 400W	1	110,000L - 1,000W	0		
		130,000L - 1,000W	1				

WO# 1025289	DATE COMPLETED _____
CURRENT INVESTMENT CHARGE	ANNUAL FACILITY USAGE CHARGE
\$133.15	\$57,278.92
	ACCUMULATIVE INVESTMENT CHARGE
	\$636,432.48

The Empire District Electric Company

Company Representative Completing Contract: Roger Kidd

Executed at Joplin, Mo this _____ day of _____

By _____
 (Authorized Signatory)

Work Order # **1025297**

The Empire District Electric Company

Request for Change in Street Lighting Service

Missouri

Pursuant to a Resolution adopted by the governing body of the **City of Neosho**, hereinafter called CITY, on the **28th** day of **October, 2023** **The Empire District Electric Company**, hereinafter called COMPANY, is hereby requested to make the following changes in street lighting service pursuant to the provisions of the Municipal Electric Service Agreement, hereinafter called AGREEMENT, executed by the CITY and the COMPANY.

STREET LIGHT REQUEST	ADDRESS - LOCATION STREET LIGHTS and EXCESS FACILITIES	SIZE and TYPE STREET LIGHTS	Q T Y	ANNUAL ENERGY CHARGE		FACILITY USAGE CHARGE	
				Installed	Removed	Installed	Removed
Install	1021 Bus 60	7,500L-9,500L 150W eq LED 1 Cobrahead	1	\$74.03		\$ 351.62	
Remove	1021 Bus 60	7,000L 175W MV Open Bottom	1		\$91.62		\$ 54.38
Subtotals - Annual Energy Charge and Facility Usage Charge for this Request				\$74.03	\$91.62	\$ 351.62	\$ 54.38
A Annual Energy Charge for this Request (Install minus Remove)				-\$17.59			
B Total Facility Usage Charge for this Street Light Request (Install minus Remove)						\$ 297.24	

The CITY agrees that the AGREEMENT shall be amended as follows:

C	Total Facility Usage Charge for this Request (Total Line B)	\$297.24
D	Annual Facility Usage Charge to City for this Request (Total Line C X 9%)	\$26.75
E	Annual Energy Charge for this Request (Total Line A)	-\$17.59
F	Annual Facility Usage and Energy Charge for this Request (Total Line D plus/minus Line E)	\$9.16
G	Monthly Increase/Decrease to be Paid by City for this Request (Total Line F divided by 12 months)	\$0.76

This request for change shall be effective from and after its execution and is supplemental to, forms a part of and is to be construed with and subject to the terms, conditions and provisions of the Agreement herein referred to which, in all other particulars except as hereinafter amended, is ratified and confirmed. This contract and any ancillary agreements may be executed in counterparts, each of which shall be deemed an original and all of which, taken together, shall be deemed to be one agreement, and signatures by fax or other electronic transmission are acceptable and shall constitute an original signature for all purposes.

Executed at _____ this _____ day of _____
 (SEAL)
 ATTEST: _____ By _____
 Clerk of Neosho Mayor or Board Chairman

ACCEPTANCE

The COMPANY hereby approves and consents to the aforesaid request for change in street lighting service and all terms and provisions included therein, and agrees that the Municipal Electric Service Agreement shall be amended accordingly. The number of street lights in service in said CITY will, after completion of the above changes and until our approval of further changes, be as follows:

Mercury Vapor Lights		High Pressure Sodium Lights		Metal Halide Lights		Light Emitting Diode Lights	
7,000L - 175W	451	6,000L - 70W	10	12,000L - 175W	8	7,500 - 9,500L - 150W	177
11,000L - 250W	13	16,000L - 150W	181	20,500L - 250W	58	13,000 - 16,000L - 250W	2
20,000L - 400W	8	27,500L - 250W	10	36,000L - 400W	1	19,000 - 22,000L - 250W	0
53,000L - 1,000W	3	50,000L - 400W	1	110,000L - 1,000W	0		
		130,000L - 1,000W	1				

WO# 1025297	DATE COMPLETED _____
CURRENT INVESTMENT CHARGE	ANNUAL FACILITY USAGE CHARGE
\$297.24	\$57,305.68
	ACCUMULATIVE INVESTMENT CHARGE
	\$636,729.72

The Empire District Electric Company

Company Representative Completing Contract: Roger Kidd

Executed at Joplin, Mo this _____ day of _____

By _____
 (Authorized Signatory)

Work Order # **1025298****The Empire District Electric Company*****Request for Change in Street Lighting Service***

Missouri

City of Neosho

Pursuant to a Resolution adopted by the governing body of the **City of Neosho** hereinafter called CITY, on the **28th** day of **October, 2023** **The Empire District Electric Company**, hereinafter called COMPANY, is hereby requested to make the following changes in street lighting service pursuant to the provisions of the Municipal Electric Service Agreement, hereinafter called AGREEMENT, executed by the CITY and the COMPANY.

STREET LIGHT REQUEST	ADDRESS - LOCATION STREET LIGHTS and EXCESS FACILITIES	SIZE and TYPE STREET LIGHTS	Q T Y	ANNUAL ENERGY CHARGE		FACILITY USAGE CHARGE	
				Installed	Removed	Installed	Removed
Install	Chustnut & St. James St	7,500L-9,500L 150W eq LED 1 Cobrahead	1	\$74.03		\$ 351.62	
Remove	Chestnut & St. James St	16,000L 150W HPS Open Bottom	1		\$107.46		\$ 218.47
Subtotals - Annual Energy Charge and Facility Usage Charge for this Request				\$74.03	\$107.46	\$ 351.62	\$ 218.47
A Annual Energy Charge for this Request (Install minus Remove)				-\$33.43			
B Total Facility Usage Charge for this Street Light Request (Install minus Remove)						\$ 133.15	

The CITY agrees that the AGREEMENT shall be amended as follows:

C	Total Facility Usage Charge for this Request (Total Line B)	\$133.15
D	Annual Facility Usage Charge to City for this Request (Total Line C X 9%)	\$11.98
E	Annual Energy Charge for this Request (Total Line A)	-\$33.43
F	Annual Facility Usage and Energy Charge for this Request (Total Line D plus/minus Line E)	-\$21.45
G	Monthly Increase/Decrease to be Paid by City for this Request (Total Line F divided by 12 months)	-\$1.79

This request for change shall be effective from and after its execution and is supplemental to, forms a part of and is to be construed with and subject to the terms, conditions and provisions of the Agreement herein referred to which, in all other particulars except as hereinafter amended, is ratified and confirmed. This contract and any ancillary agreements may be executed in counterparts, each of which shall be deemed an original and all of which, taken together, shall be deemed to be one agreement, and signatures by fax or other electronic transmission are acceptable and shall constitute an original signature for all purposes.

Executed at _____ this _____ day of _____
 (SEAL)
 ATTEST: _____ By _____
 Clerk of Neosho Mayor or Board Chairman

ACCEPTANCE

The COMPANY hereby approves and consents to the aforesaid request for change in street lighting service and all terms and provisions included therein, and agrees that the Municipal Electric Service Agreement shall be amended accordingly. The number of street lights in service in said CITY will, after completion of the above changes and until our approval of further changes, be as follows:

Mercury Vapor Lights		High Pressure Sodium Lights		Metal Halide Lights		Light Emitting Diode Lights	
7,000L - 175W	451	6,000L - 70W	10	12,000L - 175W	8	7,500 - 9,500L - 150W	178
11,000L - 250W	13	16,000L - 150W	180	20,500L - 250W	58	13,000 - 16,000L - 250W	2
20,000L - 400W	8	27,500L - 250W	10	36,000L - 400W	1	19,000 - 22,000L - 250W	0
53,000L - 1,000W	3	50,000L - 400W	1	110,000L - 1,000W	0		
		130,000L - 1,000W	1				

WO# 1025298

DATE COMPLETED _____

CURRENT INVESTMENT CHARGE

ANNUAL FACILITY USAGE CHARGE

ACCUMULATIVE INVESTMENT CHARGE

\$133.15

\$57,317.66

\$636,862.87

The Empire District Electric CompanyCompany Representative Completing Contract: Roger Kidd

Executed at Joplin, Mo this _____ day of _____

By _____
(Authorized Signatory)

Work Order # **1025305**

The Empire District Electric Company

Request for Change in Street Lighting Service

Missouri

City of Neosho

Pursuant to a Resolution adopted by the governing body of the **City of Neosho**, hereinafter called CITY, on the **28th** day of **October, 2023** **The Empire District Electric Company**, hereinafter called COMPANY, is hereby requested to make the following changes in street lighting service pursuant to the provisions of the Municipal Electric Service Agreement, hereinafter called AGREEMENT, executed by the CITY and the COMPANY.

STREET LIGHT REQUEST	ADDRESS - LOCATION STREET LIGHTS and EXCESS FACILITIES	SIZE and TYPE STREET LIGHTS	Q T Y	ANNUAL ENERGY CHARGE		FACILITY USAGE CHARGE	
				Installed	Removed	Installed	Removed
Install	Larry Pl & Garland Douglas De	7,500L-9,500L 150W eq LED 1 Cobrahead	1	\$74.03		\$ 351.62	
Remove	Larry Pl & Garland Douglas Dr	16,000L 150W HPS Open Bottom	1		\$107.46		\$ 218.47
Subtotals - Annual Energy Charge and Facility Usage Charge for this Request				\$74.03	\$107.46	\$ 351.62	\$ 218.47
A Annual Energy Charge for this Request (Install minus Remove)				-\$33.43			
B Total Facility Usage Charge for this Street Light Request (Install minus Remove)						\$ 133.15	

The CITY agrees that the AGREEMENT shall be amended as follows:

C	Total Facility Usage Charge for this Request (Total Line B)	\$133.15
D	Annual Facility Usage Charge to City for this Request (Total Line C X 9%)	\$11.98
E	Annual Energy Charge for this Request (Total Line A)	-\$33.43
F	Annual Facility Usage and Energy Charge for this Request (Total Line D plus/minus Line E)	-\$21.45
G	Monthly Increase/Decrease to be Paid by City for this Request (Total Line F divided by 12 months)	-\$1.79

This request for change shall be effective from and after its execution and is supplemental to, forms a part of and is to be construed with and subject to the terms, conditions and provisions of the Agreement herein referred to which, in all other particulars except as hereinafter amended, is ratified and confirmed. This contract and any ancillary agreements may be executed in counterparts, each of which shall be deemed an original and all of which, taken together, shall be deemed to be one agreement, and signatures by fax or other electronic transmission are acceptable and shall constitute an original signature for all purposes.

Executed at _____ this _____ day of _____
 (SEAL)
 ATTEST: _____ By _____
 Clerk of Neosho Mayor or Board Chairman

ACCEPTANCE

The COMPANY hereby approves and consents to the aforesaid request for change in street lighting service and all terms and provisions included therein, and agrees that the Municipal Electric Service Agreement shall be amended accordingly. The number of street lights in service in said CITY will, after completion of the above changes and until our approval of further changes, be as follows:

Mercury Vapor Lights		High Pressure Sodium Lights		Metal Halide Lights		Light Emitting Diode Lights	
7,000L - 175W	451	6,000L - 70W	10	12,000L - 175W	8	7,500 - 9,500L - 150W	179
11,000L - 250W	13	16,000L - 150W	179	20,500L - 250W	58	13,000 - 16,000L - 250W	2
20,000L - 400W	8	27,500L - 250W	10	36,000L - 400W	1	19,000 - 22,000L - 250W	0
53,000L - 1,000W	3	50,000L - 400W	1	110,000L - 1,000W	0		
		130,000L - 1,000W	1				

WO# 1025305	DATE COMPLETED _____
CURRENT INVESTMENT CHARGE	ANNUAL FACILITY USAGE CHARGE
\$133.15	\$57,329.64
	ACCUMULATIVE INVESTMENT CHARGE
	\$636,996.02

The Empire District Electric Company

Company Representative Completing Contract: Roger Kidd

Executed at Joplin, Mo this _____ day of _____

By _____
 (Authorized Signatory)

Work Order # **1025308**

The Empire District Electric Company

Request for Change in Street Lighting Service

Missouri

City of Neosho

Pursuant to a Resolution adopted by the governing body of the **City of Neosho**, hereinafter called CITY, on the **28th** day of **October, 2023** **The Empire District Electric Company**, hereinafter called COMPANY, is hereby requested to make the following changes in street lighting service pursuant to the provisions of the Municipal Electric Service Agreement, hereinafter called AGREEMENT, executed by the CITY and the COMPANY.

STREET LIGHT REQUEST	ADDRESS - LOCATION STREET LIGHTS and EXCESS FACILITIES	SIZE and TYPE STREET LIGHTS	Q T Y	ANNUAL ENERGY CHARGE		FACILITY USAGE CHARGE	
				Installed	Removed	Installed	Removed
Install	Evelyn Pl & Cash St	7,500L-9,500L 150W eq LED 1 Cobrahead	1	\$74.03		\$ 351.62	
Remove	Evelyn Pl & Cash St	16,000L 150W HPS Open Bottom	1		\$107.46		\$ 218.47
Subtotals - Annual Energy Charge and Facility Usage Charge for this Request				\$74.03	\$107.46	\$ 351.62	\$ 218.47
A Annual Energy Charge for this Request (Install minus Remove)				-\$33.43			
B Total Facility Usage Charge for this Street Light Request (Install minus Remove)						\$ 133.15	

The CITY agrees that the AGREEMENT shall be amended as follows:

C	Total Facility Usage Charge for this Request (Total Line B)	\$133.15
D	Annual Facility Usage Charge to City for this Request (Total Line C X 9%)	\$11.98
E	Annual Energy Charge for this Request (Total Line A)	-\$33.43
F	Annual Facility Usage and Energy Charge for this Request (Total Line D plus/minus Line E)	-\$21.45
G	Monthly Increase/Decrease to be Paid by City for this Request (Total Line F divided by 12 months)	-\$1.79

This request for change shall be effective from and after its execution and is supplemental to, forms a part of and is to be construed with and subject to the terms, conditions and provisions of the Agreement herein referred to which, in all other particulars except as hereinafter amended, is ratified and confirmed. This contract and any ancillary agreements may be executed in counterparts, each of which shall be deemed an original and all of which, taken together, shall be deemed to be one agreement, and signatures by fax or other electronic transmission are acceptable and shall constitute an original signature for all purposes.

Executed at _____ this _____ day of _____
 (SEAL)
 ATTEST: _____ By _____
 Clerk of Neosho Mayor or Board Chairman

ACCEPTANCE

The COMPANY hereby approves and consents to the aforesaid request for change in street lighting service and all terms and provisions included therein, and agrees that the Municipal Electric Service Agreement shall be amended accordingly. The number of street lights in service in said CITY will, after completion of the above changes and until our approval of further changes, be as follows:

Mercury Vapor Lights		High Pressure Sodium Lights		Metal Halide Lights		Light Emitting Diode Lights	
7,000L - 175W	451	6,000L - 70W	10	12,000L - 175W	8	7,500 - 9,500L - 150W	180
11,000L - 250W	13	16,000L - 150W	178	20,500L - 250W	58	13,000 - 16,000L - 250W	2
20,000L - 400W	8	27,500L - 250W	10	36,000L - 400W	1	19,000 - 22,000L - 250W	0
53,000L - 1,000W	3	50,000L - 400W	1	110,000L - 1,000W	0		
		130,000L - 1,000W	1				

WO# 1025308	DATE COMPLETED _____
CURRENT INVESTMENT CHARGE	ANNUAL FACILITY USAGE CHARGE
\$133.15	\$57,341.63
	ACCUMULATIVE INVESTMENT CHARGE
	\$637,129.17

The Empire District Electric Company

Company Representative Completing Contract: Roger Kidd

Executed at Joplin, Mo this _____ day of _____

By _____
 (Authorized Signatory)

Work Order # **1025312****The Empire District Electric Company*****Request for Change in Street Lighting Service***

Missouri

City of Neosho

Pursuant to a Resolution adopted by the governing body of the **City of Neosho**, hereinafter called CITY, on the **28th** day of **October, 2023** **The Empire District Electric Company**, hereinafter called COMPANY, is hereby requested to make the following changes in street lighting service pursuant to the provisions of the Municipal Electric Service Agreement, hereinafter called AGREEMENT, executed by the CITY and the COMPANY.

STREET LIGHT REQUEST	ADDRESS - LOCATION STREET LIGHTS and EXCESS FACILITIES	SIZE and TYPE STREET LIGHTS	Q T Y	ANNUAL ENERGY CHARGE		FACILITY USAGE CHARGE	
				Installed	Removed	Installed	Removed
Install	Deborah Dr & Sally Ann Ave	7,500L-9,500L 150W eq LED 1 Cobrahead	1	\$74.03		\$ 351.62	
Remove	Deborah Dr & Sally Ann Ave	16,000L 150W HPS Open Bottom	1		\$107.46		\$ 218.47
Subtotals - Annual Energy Charge and Facility Usage Charge for this Request				\$74.03	\$107.46	\$ 351.62	\$ 218.47
A Annual Energy Charge for this Request (Install minus Remove)				-\$33.43			
B Total Facility Usage Charge for this Street Light Request (Install minus Remove)						\$ 133.15	

The CITY agrees that the AGREEMENT shall be amended as follows:

C	Total Facility Usage Charge for this Request (Total Line B)	\$133.15
D	Annual Facility Usage Charge to City for this Request (Total Line C X 9%)	\$11.98
E	Annual Energy Charge for this Request (Total Line A)	-\$33.43
F	Annual Facility Usage and Energy Charge for this Request (Total Line D plus/minus Line E)	-\$21.45
G	Monthly Increase/Decrease to be Paid by City for this Request (Total Line F divided by 12 months)	-\$1.79

This request for change shall be effective from and after its execution and is supplemental to, forms a part of and is to be construed with and subject to the terms, conditions and provisions of the Agreement herein referred to which, in all other particulars except as hereinafter amended, is ratified and confirmed. This contract and any ancillary agreements may be executed in counterparts, each of which shall be deemed an original and all of which, taken together, shall be deemed to be one agreement, and signatures by fax or other electronic transmission are acceptable and shall constitute an original signature for all purposes.

Executed at _____ this _____ day of _____
 (SEAL)
 ATTEST: _____ By _____
 Clerk of Neosho Mayor or Board Chairman

ACCEPTANCE

The COMPANY hereby approves and consents to the aforesaid request for change in street lighting service and all terms and provisions included therein, and agrees that the Municipal Electric Service Agreement shall be amended accordingly. The number of street lights in service in said CITY will, after completion of the above changes and until our approval of further changes, be as follows:

Mercury Vapor Lights		High Pressure Sodium Lights		Metal Halide Lights		Light Emitting Diode Lights	
7,000L - 175W	451	6,000L - 70W	10	12,000L - 175W	8	7,500 - 9,500L - 150W	181
11,000L - 250W	13	16,000L - 150W	177	20,500L - 250W	58	13,000 - 16,000L - 250W	2
20,000L - 400W	8	27,500L - 250W	10	36,000L - 400W	1	19,000 - 22,000L - 250W	0
53,000L - 1,000W	3	50,000L - 400W	1	110,000L - 1,000W	0		
		130,000L - 1,000W	1				

WO# 1025312

DATE COMPLETED _____

CURRENT INVESTMENT CHARGE

ANNUAL FACILITY USAGE CHARGE

ACCUMULATIVE INVESTMENT CHARGE

\$133.15

\$57,353.61

\$637,262.32

The Empire District Electric CompanyCompany Representative Completing Contract: Roger Kidd

Executed at Joplin, Mo this _____ day of _____

By _____
(Authorized Signatory)

REQUESTED COUNCIL MEETING DATE: December 5, 2023

ITEM: Upper Zone Monitoring Meters

ORIGINATING DEPARTMENT: Public Works Department

ATTACHMENT:

1. Neosho Hydroverse Meters and Radios Quote 11032023

PURPOSE:

The purpose of this item is to seek the council's approval for the purchase of three meters to further divide the upper-pressure zone.

BACKGROUND:

In the past, the council inquired about further dividing the upper-pressure zone so that we might be able to narrow down the most troubled area for water loss. The staff sought out our engineer's advice and were able to come up with three locations that would place the upper zone into three separate zones.

We received a quote from Core & Main for three meters and radios for the total amount of \$27,448.85.

This is not a budgeted item. If approved, staff will come back to the council for a budget amendment.

RECOMMENDATION:

Staff recommends council to approve the quote from Core & Main for the amount of \$27,448.85



Bid Proposal for Neosho Hydroverse Meters

CITY OF NEOSHO**Job Location:** Neosho, MO**Bid Date:** 11/03/2023**Core & Main** 3208483**Core & Main**

2500 NW South Outer Rd

Blue Springs, MO 64015

Phone: 8162299604**Fax:** 8162299607

Seq#	Qty	Description	Units	Price	Ext Price
10	1	HYDROVERSE 8" 7WHLA 1G .2% QL8NBA3AXGXAXXX	EA	7,714.19	7,714.19
30	1	HYDROVERSE 10" 7WHLA 1G .2% QLANBA3AXGXAXXX	EA	8,795.49	8,795.49
50	1	HYDROVERSE 12" 7WHLA 1G .2% QLBNBA3AXGXAXXX	EA	10,440.93	10,440.93
70	3	520M S/POINT M2 WIRED SP HR & LD 5396353752202MI	EA	166.08	498.24
				Sub Total	27,448.85
				Tax	0.00
				Total	27,448.85

UNLESS OTHERWISE SPECIFIED HEREIN, PRICES QUOTED ARE VALID IF ACCEPTED BY CUSTOMER AND PRODUCTS ARE RELEASED BY CUSTOMER FOR MANUFACTURE WITHIN THIRTY (30) CALENDAR DAYS FROM THE DATE OF THIS QUOTATION. CORE & MAIN LP RESERVES THE RIGHT TO INCREASE PRICES TO ADDRESS FACTORS, INCLUDING BUT NOT LIMITED TO, GOVERNMENT REGULATIONS, TARIFFS, TRANSPORTATION, FUEL AND RAW MATERIAL COSTS. DELIVERY WILL COMMENCE BASED UPON MANUFACTURER LEAD TIMES. ANY MATERIAL DELIVERIES DELAYED BEYOND MANUFACTURER LEAD TIMES MAY BE SUBJECT TO PRICE INCREASES AND/OR APPLICABLE STORAGE FEES. THIS BID PROPOSAL IS CONTINGENT UPON BUYER'S ACCEPTANCE OF SELLER'S TERMS AND CONDITIONS OF SALE, AS MODIFIED FROM TIME TO TIME, WHICH CAN BE FOUND AT: <https://coreandmain.com/TandC/>

REQUESTED COUNCIL MEETING DATE: December 5, 2023

ITEM: HomeServe- NLC Service Line Warranty

ORIGINATING DEPARTMENT: Finance Department

ATTACHMENT:

1. NLCSLWP_Why_Offer
 2. State League Endorsement Letter - Missouri
 3. ServLine Brochure
 4. ServLine Claims Process 1-pager
 5. ServLine Leak Protection Presentation
-

PURPOSE:

Seek Councils guidance for the service line warranty program and leak protection program offered by HomeServe.

BACKGROUND:

Emilie Zalfini presented to the Council on November 21, 2023, information on who and what Homeserve is. They work with municipalities to offer two types of programs. The two programs can work together or are available as standalone programs for utility customers. The service line warranty program is for residential customers. Provides education on homeowners' responsibilities for lateral lines and provides affordable repair plans for external water and sewer lines and interior water lines. The ServLine leak protection program is designed to protect qualifying customers from potential costly utility expenses. This can be mandatory or an opt-out program billed by the City.

Staff contacted other municipalities for their experience with HomeServe and the warranty program.

RECOMMENDATION:

Staff recommends pursuing further discussions with HomeServe regarding the service line warranty program.

NLC Service Line Warranty Program

WHY SHOULD OUR CITY offer this program?



Because aging infrastructure impacts private lines, too.

Nationwide a water main breaks every two minutes. The same elements that cause those failures also exist on your residents' private lines: age of lines, deteriorating pipe material, freezing and thawing, and ground shifting.

This program provides an optional — proactive — solution to a problem that is bound to strike your residents at some point in time.



Homeowners believe service line repairs are the municipality's responsibility.

When private service lines break or leak, many homeowners call the municipality first and are often surprised — and frustrated — to learn that the municipality can't help.

Educational marketing about homeowners' responsibility for service lines is a key component of the program.



An unexpected repair expense can be hard on a budget — and peace of mind.

Studies show that most Americans do not have enough savings to cover an emergency repair cost that could be from hundreds to as much as \$3,500 or more. In addition, many can be overwhelmed by having to find a trustworthy contractor.

The program provides affordable repair plans backed by vetted, local-area contractors, keeping dollars in the local economy.

For more information call:
1-866-974-4801 or visit
watersolutions.homeserve.com

Or scan here
to learn more:



**NLC Service Line
Warranty Program**

by

 **HomeServe**

Program Highlights



- ▲ The only utility line warranty program endorsed by the National League of Cities (NLC) and multiple state leagues
- ▲ Educates homeowners about their lateral line responsibilities
- ▲ Program handles all resident communications, service delivery and administration at no cost to the municipality
- ▲ Provides ongoing revenue stream to the municipality
- ▲ Reduces calls from residents to the municipality for lateral water and sewer line issues
- ▲ 24/7/365 bilingual customer service
- ▲ All repairs performed to city code by local-area, licensed contractors, keeping money in the local economy
- ▲ All materials sent to residents are pre-approved by the municipality

HomeServe has:

- ▲ **Over 1,200** municipal, utility and association partners across North America.
- ▲ **4.8 out of 5 stars*** customer satisfaction rating.
- ▲ Performed over **2.2 million repairs** over the last three years, saving customers over **\$1.1 billion.**

* Customers surveyed after receiving service between 7/1/2022 - 2/31/2022.



Scan here to
learn more:



**NLC Service Line
Warranty Program**

by





Dear Member:

The Missouri Municipal League is pleased to continue its endorsement of the National League of Cities (NLC) Service Line Warranty Program, administered by Utility Service Partners (USP). Offered at no cost to League members, the NLC Service Line Warranty Program educates homeowners about their service line responsibilities and offers affordable protection from unanticipated service line repair costs. Homeowners in participating cities and towns are eligible to purchase low-cost repair service plans for broken or leaking outside water and sewer lines, covering up to \$8,500 per occurrence.

Benefits to residents and municipalities include:

- Educates homeowners and reduces local officials' frustration;
- No cost for Missouri cities and towns to participate;
- Affordable rates for residents;
- Increases citizen satisfaction.

Important features of the program:

1. USP pays for the repairs, not your residents;
2. Customers are provided with a 24/7/365 repair hotline staffed with live agents;
3. All repairs performed to local code by rigorously vetted, licensed and insured local contractors;
4. USP is responsible for all aspects of the program, including marketing, billing, customer service, and performing all repairs.

33 Missouri municipalities currently offer the program, which has saved Missouri homeowners over \$4 million in repair costs over the past three years. The League has chosen to endorse USP, a HomeServe company, because of its outstanding national reputation. USP is a BBB Accredited Business with an A+ rating, and they maintain a customer satisfaction rating exceeding 98%. This is the only protection program endorsed by the National League of Cities and multiple state municipal leagues.

The Missouri Municipal League is here to assure the program works for Missouri cities and towns who participate. We encourage you to consider joining over 500 U.S. cities in adopting the NLC Service Line Warranty Program for your municipality.

Sincerely,

Dan Ross
Executive Director
Missouri Municipal League

Offering utilities and their customers ongoing protection from the high costs of customer water leaks



Overview

Aging infrastructure is causing more and more water leaks each year. Customer water leaks can negatively impact utility budgets, efficiency and customer perception. When a customer receives an abnormally high water bill resulting from a leaking pipe or fixture, the utility is not responsible but, in many cases, will partially adjust the bill. However, the portion the resident must cover can still be beyond their means, leaving them with a long payment plan and a feeling of dissatisfaction with the water utility.

The ServLine Leak Protection Program is a win-win for water utilities and their customers. Designed to protect all qualifying customers from this potentially costly expense, ServLine also helps water utilities recapture lost revenue and bad debt associated with customer water leaks. Additionally, the program unburdens the utility from the stress, effort and time involved in the administration of the leak adjustment process.

An affiliate partner of the National Rural Water Association and numerous State Rural Water Associations, ServLine helps utilities lower costs while enhancing customer peace of mind and satisfaction.

Serving your local community



HomeServe has:



900+
Partners



4 Million+
Customers



7 Million+
Service Contracts



1.3 Million
Repairs performed
in the past three years



\$454 Million
in repair costs saved by
customers in the past
three years



Frequently Asked Questions

Who else offers this type of program?

Currently ServLine is the only company in the country offering this as an insurance-backed program that is vetted and partnered with the National Rural Water Association and multiple state associations. The program has paid 100% of claims that have met the utility's leak guidelines.

Why is this an opt-out program?

There was concern that a portion of the customer base would miss the notice information, so an opt-out approach prevents those customers from "falling through the cracks" and facing an unexpected and expensive charge.

Will this cause more work for utility staff?

Once implemented, the program will simplify the utility staff's workload and should decrease the amount of time and effort spent on leak adjustments. There is setup and training that takes place during the launch process. However, a ServLine team personally guides the staff through this process and will continue to be a resource to the utility staff after launch.

How do customers respond to the program?

Across the nation, we have over a 96% participation rate because most customers appreciate the robust benefit and peace of mind it provides for a small charge.

"I was, at first, skeptical about the monthly cost and wisdom of purchasing ServLine. Then I had one of those unfortunate incidents of corrosion eating through a fitting just downline of my meter. As soon as I received the first high water bill, I located the leak and repaired it. The claim process was as expected as to required information, and payment was fast. I have had several of these water line breaks over the years in various places. I believe ServLine is a great answer to cost containment for water loss beyond my control."

Castalian Springs-Bethpage
Water Utility Customer



Make a Difference in Your Community

To learn more about the ServLine Leak Protection Program, visit www.servline.com or call 866-974-4801.

Quick Facts

The ServLine Leak Protection Program provides numerous benefits to utilities and their customers.

Benefits to customers:

Financial Protection

- Up to \$2,500 in protection from excess water bill
- No deductible

Better Experience

- Seamless processing of claims
- Staff to ensure customer satisfaction

Increased Awareness

- Materials sent to residents about responsibility
- Questions answered by ServLine
- Peace of mind that unexpected expenses will be fully covered

Benefits to utilities:

Costs

- Customers' excess bills get paid up to \$2,500 by ServLine
- Utility recaptures lost revenue from adjustments and bad debts

Administration

- Staff workload is reduced and becomes simplified and consistent

Customer Satisfaction

- Public relations improved
- Greater satisfaction with utility

About

HomeServe is a leading provider of repair service programs with over 4 million customers in North America and over 900 municipal and utility partners. HomeServe, an A+ Better Business Bureau-rated company, is dedicated to providing best-in-class services and an exceptional customer experience.



Insurance for the ServLine program is issued to utilities and placed through HomeServe USA Repair Management Corp. (HSRM), a licensed insurance agency. In California, HSRM does business as HomeServe NA Insurance Services (California License # 0F79326). ServLine® is a registered trademark of HomeServe.

CLAIMS PROCESS

ServLine offers both leak protection and line protection. The claims process for each is simple and straightforward and depicted in the charts below.

LEAK PROTECTION



LINE PROTECTION



For more info visit
www.servline.com

A UNIQUE SOLUTION TO A COMMON PROBLEM:



SERVLINE LEAK PROTECTION PROGRAM

By HomeServe

EPA FINDINGS ON RESIDENTIAL CUSTOMER WATER LEAKS

- Lost water on the residential side *alone* is estimated at approximately 1.3 trillion gallons of water per year on average
- EPA is encouraging utilities to implement water loss control programs
- 880,000 miles of aging pipes have been in service for decades, and are only getting older
- Approximately 237,600 breaks per year on average
- EPA is now urging utilities to make aging infrastructure and line repairs a priority

LEAKS CAN HURT THE CUSTOMERS AND THE UTILITY

Every Utility has a leak adjustment policy.
- Even if it's to make the customer pay in full. -

- Unexpected cost & inconvenience – many customers can't afford
- Customers often look to City/Utility for guidance and help – leads to stressful phone calls to utility staff
- Frustration can lead to public relations difficulties – the blame game
- Utility often forced into a bank role – keeping track of who owes, how much, and creating payment plans
- Possible bad debt for your utility
- Time - Utility staff and often board members or elected officials

Want to find a solution without adding stress or financial responsibility to the utility?

A BETTER WAY: LEAK PROTECTION PROGRAM

We pay high water and sewer bills caused by customer leaks.

- Customer's excess water bills get paid
- Utility recaptures lost revenue from adjustments and bad debts
- Staff workload is reduced, becomes simplified, and consistent
- Public Relations are improved
- Community has peace of mind and is financially stronger
- Works in separately, but in conjunction with optional line protection program

WE HELP UTILITIES PROTECT THEIR
CUSTOMERS AND THEMSELVES BY INSURING
THEIR LEAK ADJUSTMENT POLICY

LEAK PROTECTION: HOW IT WORKS

- Customizable Rate, Policy & Guidelines based on what best fits your needs
- Residential & small Commercial protections available – Utility sets limit
 - Choose from \$500, \$1,000 or \$2,500 (covers 2 consecutive billing cycles every 12 months)
- Customer continues to pay standard bill & Utility is reimbursed for overages
 - Utility is the insured, customer is a participant
- Educational material sent out prior to program implementation
 - Insert in bill, plus optional additional materials to get the word out
- Potential for additional revenue stream
- Leak coverage is included in water bill, Utility chooses how
 - Include program cost into the base water/sewer rate, making it mandatory for all customers
 - * This option offers a small discount on rates
 - List program cost as a separate line item
 - * Discount available when combining water & sewer
 - * This allows homeowners to opt out at no cost over the first year



WHY ENROLL IN LEAK PROTECTION?



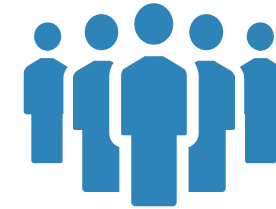
EXPERIENCE

7 years proven track record of customer & utility satisfaction



REPUTATION

96-97% average customer participation nationwide; usually increases over time



PARTNERSHIPS

Endorsed by the National Rural Water Association & 21 State Rural Water Associations

Kenny Baird, General Manager, LaFollette Utilities (TN)



"It has been a win/win for our customers and the utility. It has saved both the utility and customers thousands of dollars. The process has been easy and efficient with claims being handled promptly."

Tommy Fannin, CFO, Ocoee Utility District (TN)



"The program provides great savings of both money and time dealing with leak adjustments, as well as providing greater benefit to our customers. It's a win/win!"

Sherry Walker, Office Manager, Dade County Water Authority (GA)



"It has already been a blessing even during the very first month being on board! Our first month with the program was the worst on record for leaks in a month. After only one paid premium, customers have gotten hundreds of dollars in help. They are very quick to respond to a customers request and even faster in sending payment. Also, everyone from the program has been very friendly and helpful."



For more information contact...

Emilie Zalfini
Director, Southern Region Water Team
724-749-1060
Emilie.Zalfini@HomeServeUSA.com

Or go to: servline.com



SAVING WATER, HELPING PEOPLE.

REQUESTED COUNCIL MEETING DATE: December 5, 2023

ITEM: Alliance 2023 Fiscal Year End Repair Limit Overage

ORIGINATING DEPARTMENT: Finance Department

ATTACHMENT:

1. Invoice INV104809

PURPOSE:

To seek approval for the 2023 fiscal year end repair overage cost under the Alliance contract.

BACKGROUND:

Alliance annually reconciles the repair cost. This year the overage is \$52,054.00 for 2023. This will be brought back as a budget amendment for FY2024.

RECOMMENDATION:

The staff is seeking Council's approval to pay for the overage.

INVOICE



Invoice No. INV104809

Alliance Water Resources

City of Neosho

206 South Keene Street
Columbia, MO 65201

**203 E. Main Street
Neosho, MO 64850**

Document Date

December 1, 2023

Due Date

January 1, 2024

Payment Terms

Due 1st of next month

Description	Amount
Contract operations for January 2023	83,367.83
Repairs/Chemicals for January 2023	13,429.17
2023 Fiscal Year End Repair Limit Overage	52,054.00
Total \$	148,851.00

Home Page

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