



MEMORANDUM

TO: Prospective Bidders

FROM: William P. Gilliland, Purchasing Director

RE: Request for Bid - #017-15

DATE: May 6, 2015

Enclosed you will find the necessary information for preparing and submitting your bid for **Fire Tanker Truck** for the City of Rome Fire Department. All information regarding this bid will be posted on the City of Rome website www.romefloyd.com. It will be the responsibility of interested parties to visit this site frequently to insure receipt of any new information that may be provided.

The deadline for submitting your bid is **June 11, 2015 at 4:00 p.m. Local time.**

If you have further questions, please do not hesitate to call my office at 706-236-4410.

William P. Gilliland
Purchasing Director

601 Broad Street • PO Box 1433 • Rome, Georgia 30162-1433
phone: 706/236-4410 • fax: 706/236-4549

www.romeomega.us

INSTRUCTIONS FOR BIDDERS

I. Bids must be received by **June 11, 2015 at 4:00 p.m.**

II. Bids must be delivered to:

City of Rome Purchasing Department
601 Broad Street
P.O. Box 1433
Rome, Georgia 30162

III. Bids must be sealed and marked:

BID -"017-15 - "Fire Tanker Truck"

IV. Bids must be complete and include:

- A. Completed Bid Proposal Form
- B. Executed Affidavit of Non-Collusion
- C. Executed Certificate of Non-Discrimination
- D. Executed Bidder's Declaration
- E. Prompt Payment Affidavit
- F. Request for Taxpayer I.D. Number
- G. E-Verify Compliance Affidavit
- H. SAVE Compliance Affidavit

All bids submitted shall be subject to acceptance or rejection and the City of Rome specifically reserves the right to accept or reject any or all bids, to waive any technicalities and formalities in the bidding. **Any questions regarding this bid must be submitted in writing via e-mail simultaneously to Bill Gilliland, bgilliland@rome.ga.us and Clete Bonney, Cbonney@rome.ga.us All questions and answers will be posted on the City of Rome website www.romefloyd.com.**

Bidder shall submit all required forms and information simultaneously with sealed bids, which forms and information become a part of the property of the City of Rome and will not be returned to bidders unless a written request to withdraw is received prior to **June 11, 2015 @ 4:00 p.m.**

V. Payment:

When contracts are awarded, payment by the City of Rome will be the normal 30-day cycle. However, the City does make every effort to honor all discounts.

REQUIREMENTS FOR BIDDERS

These items apply to and become a part of the terms and conditions of the bidders bid. Any exceptions must be in writing.

Notice is hereby given that the City of Rome will receive sealed bids from interested parties until **June 11, 2015 at 4:00 p.m.** at its offices located at 601 Broad Street, Rome, Georgia 30162-1433.

Any bids received thereafter will not be considered.

Bids will be publicly opened and read at the City of Rome Purchasing Department located at 601 Broad Street on the day and at the hour specified.

The purchaser may be consider as non-responsive, any bid in which there is an alteration of, or departure from the bid form hereto attached.

The bid will be awarded to the lowest responsive and responsible bidder complying with the conditions of the invitation for bid. The bidder to whom award is made will be notified at the earliest possible date. The purchaser reserves the right to reject the bid of a bidder who has previously failed to perform properly or complete on time, contracts of a similar nature, or the bid of a bidder who, in the sole opinion and discretion of the purchaser is not in a position to perform the contract, or whose name appears on the United States Comptroller General's list of ineligible contractors.

Bids may be withdrawn by written or faxed request, provided such withdrawals are received prior to bid opening date.

NOTE: Unless stated on the bid form the bid submitted will assume all specifications will be met. Please note on the bid form all exceptions.

SPECIFICATIONS

BID# 017-15

FIRE TANKER TRUCK

INTENT OF SPECIFICATIONS

It will be the intent of these specifications to provide a complete apparatus equipped as specified. In order to obtain the best possible results and the most acceptable apparatus, these specifications cover only the 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. **The specification of a particular brand is not intended to eliminate other brands that may be equal. However, any bidder proposing a substitute product must provide with the bid irrefutable and substantive evidence that the product proposed is an equal product.**

Bidders Response: _____

DESIGN QUALITY AND WORKMANSHIP

The design of the Apparatus must embody the latest approved automotive engineering practices. Construction will be rugged and ample safety factors will be provided to carry loads as specified and to meet both on and off road requirements and to speed conditions as set forth under "Performance tests and requirements".

The apparatus will be designed with due consideration to distribution of load of the front and rear axles.

The estimated front axle weight, rear axle weight and total weight of the Apparatus proposed will be provided so that all specified equipment, including filled water tank, a full complement of personnel, fire hose and other miscellaneous equipment will be carried without injury to the apparatus. The bidder will be responsible for calculating the hose load and provide that calculation if requested.

The weight of personnel will be calculated at 200 lbs. per person times the maximum number of persons to ride on the apparatus. The apparatus will be designed so that all recommended daily maintenance checks can be performed easily by the operator without the need for hand tools. Apparatus components that interfere with repair or removal of other major components must be attached with fasteners (cap screws, nuts, etc.) so that the components can be removed and installed with normal hand tools. Where special tools manufactured or designed by the contractor are required to provide routine service on any component of the apparatus built or supplied by the contractor, such tools will be provided with the apparatus.

The workmanship must be of the highest quality in its respective field. Special consideration will be given to the following points: Accessibility of the various units which require periodic maintenance operations (including lubricant, inspection, adjustment and repair), ease of operation (including both pumping and driving) and symmetrical proportions.

The alternator provided will be of an adequate size (ampere rating) to power all electrical components provided on the completed apparatus at the same time, including air conditioner, inverters and entire lighting system including flood or quartz lights if wired directly or indirectly

to the alternator/battery system. Lights, receptacles, power devices or other devices that receive their power from an external source are not included in this requirement.

Bidders Response: _____

VEHICLE DATA RECORDER

NFPA-1901 (2015 Edition) 4.11: All apparatus will be equipped with an on-board vehicle data recorder (VDR). The VDR will be capable of recording the data shown in the below shown Table 4.11.2 in that order at least once per second.

- Vehicle Speed = in MPH
- Acceleration (from Speedometer) = in MPH
- Deceleration (from Speedometer) = in MPH
- Engine Speed = in MPH
- Engine Throttle = % of Full Throttle
- Anti-Lock Braking System Event = On-Off
- Seat Occupied Status = Occupied Yes/No by Position
- Master Optical Warning Device Switch = On-Off
- Time = 24 Hour Clock
- Date = Year/Month/Day

Data will be stored at the sampling rate in a 48 hour loop. The memory will be sufficient to record 100 engine hours' worth of minute-by-minute summary showing the data in the below table 4.11.4:

- Maximum Vehicle Speed = in MPH
- Maximum Acceleration (from Speedometer) = in MPH
- Maximum Deceleration (from Speedometer) = MPH
- Maximum Engine Speed = in MPH
- Maximum Engine Throttle = % of Full Throttle
- Anti-Lock Braking System Event = On-Off
- Seat Occupied with Seat Belt Unbuckled = Yes/No by Position at 30 Sec Intervals
- Master Optical Warning Device Switch = On-Off at 30 Sec Intervals
- Time = 24 Hour Clock
- Date = Year/Month/Day

When the memory capacity is reached, the system will erase the oldest data first. All data stored in the Vehicle Data Recorder will be up-loadable by the user to a computer and importable into a data-management software package. Data will be password protected with access controlled by the purchaser.

Software will be provided with the apparatus that will run on both Windows 7 and Apple-IOS operating systems and produce the following formatted reports from the uploaded data:

- (1) Raw second-by-second data over a specified data/time range
- (2) Daily log for the time the engine is running for a given date (minute by minute output of all values)
- (3) Weekly summary (maximum values each hour for each day of the week)
- (4) Monthly summary (maximum values each day for each day of the month)

Bidders Response: _____

VEHICLE STABILITY

Rollover Stability: The apparatus will meet the criteria defined in **NFPA-1901 (2015 Edition) 4.13.1.1**. The apparatus will meet the criteria defined in the following:

The calculated or measured center of gravity (CG) will be no higher than 80% of the rear axle track width. Compliance will be certified by calculating or measuring the apparatus or by comparing the apparatus to a compliant, substantially similar example apparatus, and the certification will be delivered with the fire apparatus.

The example apparatus will be considered substantially similar if it includes a chassis with the same or higher (CG) height, the same or narrower rear axle track width, the same or greater water tank size and (CG) height, the same type of front and rear suspension, and the same type and size of aerial device (if provided).

For purposes of 4.13.1.1, the apparatus will be loaded with fuel, fire-fighting agents, hose, ladders, a weight of 200 lbs. in each seating position, and weight equivalent to the miscellaneous equipment allowance as in table 12.1.2 for a Pumper of 2,500 gallons# or Mobile Water Supply of 1,000 gallons.

If the apparatus is designed to meet a specific higher equipment loading or larger hose load bed capacity or to carry additional ground ladders, these greater loads will be included in the calculating or measuring.

The weight added to the fire apparatus for the purpose of calculating or measurement will be distributed to approximate typical in-service use of the fire apparatus while not exceeding the manufacturer’s published individual compartment weight ratings.

Bidders Response: _____

TIRE PRESSURE DEVICE

NFPA-1901 (2015 Edition) 4.13.4: Each tire will be equipped with a visual indicator or monitoring system that will indicate tire pressure.

Bidders Response: _____

SEAT BELT WARNING DEVICE

NFPA-1901 (2015 Edition) 14.1.3.10: A seat belt warning device will be provided. The warning device will consist of an audible warning device that can be heard at all seating positions designated to be occupied while the vehicle is in motion and a visual display visible to the driver showing each seating position with green/red illumination. The warning system will be activated anytime the parking brake is released or the automatic transmission is not in park. Seat position lights will display in accordance with table 14.1.3.10.3 as shown below:

DISPLAY	SEAT BELT	SEAT SENSOR
Green	Buckled	Senses Occupant
Red	Buckled	No Occupant
Red	Unbuckled	Senses Occupant
Dark	Unbuckled	No Occupant

Bidders Response: _____

MANUFACTURER’S PRE-DELIVERY TEST

NFPA-1901 (2015 Edition) 16.13.9* Manufacturer’s Pre-delivery Test: The manufacturer will conduct a piping hydrostatic test prior to delivery of the apparatus. The test will be conducted as follows:

- (1) The pump and its connected piping system will be hydrostatically tested to a gauge pressure of 250 PSI.
- (2) The hydrostatic test will be conducted with the tank fill line valve, the bypass line valve if so equipped, and the tank-to-pump valve closed.
- (3) All discharge valves will be open and the outlets capped.
- (4) All intake valves will be closed, and non-valved intakes will be capped.

Bidders Response: _____

GENERAL WARRANTY

The following warranty will be furnished with each Bidder’s proposal and stated as such.

We warrant each new piece of Fire Apparatus to be free from defects in material and workmanship under normal use and service. Our obligation under this warranty is limited to repairing or replacing, as the provider and owner may elect, any part or parts there of which will be returned to us with transportation charges prepaid and as to which examination will disclose to the mutual satisfaction to have been defective, provided that such part, or parts will be returned to us no later than one (1) year after delivery of covered apparatus. Such defective part or parts will be returned or replaced free of charge and without charge for installation to the original purchaser. This warranty will not apply to:

- 1. Normal maintenance services or adjustments.
- 2. Any vehicle which will have been repaired or altered outside of our factory in any way so as, in the judgment of appropriate professionals, to affect it’s stability, nor which has been subject to misuse, negligence, or accident, nor to any vehicle made by us which will have been operated to a speed exceeding the factory rated speed, or loaded beyond the factory rated load capacity.
- 3. Commercial chassis and associated equipment furnished with chassis, signaling devices, generators, batteries, or other trade accessories as they are usually warranted separately by their respective manufacturers.

This warranty is in lieu of all other warranties, expressed or implied. All other representations as to the original purchaser and all other obligations or liabilities, including for incidental or consequential damage on the provider's behalf unless made in writing by the provider company.

Bidders Response: _____

BODY WARRANTY

Each Bidder will supply a ten (10) year parts & labor warranty to the original owner, on the body against perforation.

Bidders Response: _____

Water Tank Paint Warranty

Each Bidder will supply a seven (7) year poly water tank paint parts & labor warranty to the original owner.

Bidders Response: _____

PUMP WARRANTY

Each Bidder will supply five (5) year parts only warranty to the original owner, on the pump.

Bidders Response: _____

TANK WARRANTY

Each Bidder will supply evidence of a "Lifetime" parts & labor warranty on the water tank. State how many years is determined to be a "lifetime".

Bidders Response: _____

KENWORTH SINGLE AXLE – T370 2-DOOR CAB CHASSIS (43,200,GVWR) OR EQUAL

The cab will be a conventional steel, fully enclosed, 2-door. The cab will have a clear interior space which allows total access, permitting entrance and exit from any seated position to any door.

All seats will face forward. Front and top corners of the cab will be curved for strength and durability, and should give a useful service life of a minimum of 20 years with a minimum of maintenance.

Cab metal will be prepared and treated in a manner that will inhibit rust and corrosion for its useful life. Cab will be designed to give a maximum of driver visibility and driver comfort. All gauges and controls normally used by the apparatus driver while driving will be in view and within easy reach of the driver while sitting in the driver's seat. Cab will be designed to carry a minimum of two (2) adults.

The cab will be independently mounted from the body and chassis on rubber mounting points to reduce cab vibrations and allow necessary flexibility.

All cab doors will be made with inside grab handles and flush paddle latches. All windows will be tinted and free of imperfections. All cab doors will be substantially hung by a piano type heavy-duty automotive hinge. Doors will have heavy-duty door checks to prevent doors opening against the cab.

Interior lighting will include a dual light in the ceiling centered between the driver and officer.

A courtesy light will also be provided and installed in the lower interior panel of each cab door to light the step area. All above interior lights will be wired to the cab door switches.

The cab dash will be illuminated with direct lighting in addition to indirect lighting to ensure proper gauge illumination at all times.

The cab instrument panel will be arranged for maximum driver visibility and efficiency. All gauges, lights and switches will be protected by appropriate size circuit breakers.

The instruments and controls will be illuminated in such a manner as to assure maximum visibility.

Bidders Response: _____

SEATING

One (1) Individual, Driver's Seat, Air Ride with Dual Arm Rest & Suspension Cover

One (1) Individual, Officer's Seat, Stationary with Dual Arm Rest

Seat Belts for All Positions will be Red. All vinyl seats to be dark Gray in color.

Bidders Response: _____

AIR CONDITIONING/HEATER/DEFROSTER

The cab will have factory installed air conditioner/heater/defroster, capable of preventing the inside of the cab glass fogging in damp or cold weather. There will be adequate fresh air ventilation throughout the seating area provided by vents, air intakes, etc.

Bidders Response: _____

ENGINE

- Paccar or Cummins ISL 2200 rpm governed speed
- 450 hp at 2000 rpm
- 1000 ft. lbs. of torque at 1400rpm
- 6-cylinder, 4-cycle
- Engine outfitted with an Jacob's Brake

The engine will be equipped with a full pressure lubrication system, dry type air cleaner and a primary bypass full-flow oil filter system. Oil filters will be of the spin-on type. **The engine will be equipped with a full blocking 180 degrees thermostat and a fuel/water separator.**

An engine speed governor will be installed which will limit the speed of the engine under all conditions of operation to the maximum load R.P.M. as recommended by the engine manufacturer.

The fuel pump will be gear type direct drive meeting diesel engine standards. Filters, drains, and valves for removal of foreign or harmful materials in the fuel system will meet Cummins diesel requirements.

Fuel lines will be located in a manner to protect them from exhaust system heat and mechanical injury. Engine uses new Low Sulphur diesel.

Air cleaner will be a heavy duty (dry type) located in the engine compartment, adequately plumbed to the engine air intake. Air cleaner will be protected from the weather, road splash or dust kicked up by the front wheels. Air cleaner will meet the requirements of the engine manufacturer.

Bidders Response: _____

EXHAUST SYSTEM

The exhaust system including muffler will meet engine manufacturer's recommendation. The exhaust pipe system and discharge outlet so located and shielded or insulated so as not to expose any portion of the apparatus accessories or other equipment to excessive heating.

Bidders Response: _____

COOLING SYSTEM

Anti-freeze protection to -30 degrees F. without self-sealer additive
Horton "Drivemaster" fan drive with on/off switch
Cooling system will be a pressurized system and be equipped with a coolant recovery system
A readily accessible drain cock will be provided in the lowest portion of the cooling system
The radiator will be satisfactorily mounted and insulated to prevent the engine torque or road shock from twisting, or metal-to-metal friction which would cause damage to radiator.

Bidders Response: _____

TRANSMISSION

Allison World 3000EVS 5-speed automatic with Push-Button Control on the dash

Drive lines components will comply with all road test specifications prescribed in the latest edition of NFPA Pumper Fire Apparatus. An air-to-oil transmission oil cooler will be provided.

Bidders Response: _____

GVW

GVW (lbs.) 43,200

Bidders Response: _____

WHEELBASE/CAB-TOAXLE

218" Wheelbase
150" Cab-to-Axle

Bidders Response: _____

FRAME

Rails: 10-5/8"x 5/16"
Section Modulus 14.80
RBM 1,776,000 lbs.

Partial Frame Inner liner
Section Modulus 24.37

Two (2) Front Removable Tow Eyes

Bidders Response: _____

FRONT BUMPER

A single piece chrome front bumper should be provided.

Bidders Response: _____

AXLE, FRONT

Dana Spicer model E-13221
13,200 lbs. capacity
13,200 lbs. Taper leaf front springs w/Shocks
Sheppard M110P Power Steering Gear

Bidders Response: _____

FRONT TIRES/WHEELS (SINGLE)

Two (2) 12R 22.5-16 Ply Bridgestone Highway Tread Tires will be provided.
8.25 Polished Wheels will be provided.

Bidders Response: _____

SINGLE AXLE, REAR

Dana Spicer S30-190
30,000 lb. GVW Capacity
5.38 Axle Ratio
30,000 lbs. Multi-leaf springs with helpers

Bidders Response: _____

REAR TIRES/WHEELS (DUAL)

Four (4) 315/80R22.5-20 Ply Bridgestone Deep Lug Tread Tires will be provided.
8.25 Polished Wheels will be provided.

Bidders Response: _____

BRAKES

Full air type, Paccar or Cummins **18.7 CFM air compressor** gear driven, vertically mounted, engine oil lubricated, water cooled, equipped with a type “D” or equal governor will be provided. Governor will be set to cut out at 120 PSI.

Air system will be a complete and accurately designed system with two (2) air receivers (all easily removable) having a minimum storage of 3100 cubic inches. Drain valves with cables will be installed on all air storage tanks.

Bendix AD-IP Heated Air Dryer to be provided. All the air brake lines will be nylon.

Air system will be equipped with a low pressure warning buzzer and indicator light to indicate low air system pressure. Air system will have all necessary gauges installed on the cab dash.

Brake performance will comply with the Department of Transportation (DOT) stopping distance requirements and will meet Federal Standard F.M.V.S. 121. ABS braking system will be provided.

The service brakes will be of the air over mechanical type. Each wheel will be equipped with a separate integral brake chamber. A dual treadle valve will split the braking power between the front and rear systems.

A failure in either of these separate systems will result in only a partial loss of braking power. Additionally, modulated spring brakes will be available to the driver, should a rear brake system failure occur, through the use of a spring brake control valve. Both front and rear brakes will have integral shoes. All brakes will be equipped with Haldex Dual automatic slack adjusters, accessible for ease of adjusting brakes.

Parking brake will be air released, spring actuated, on non-steering axle only and will automatically apply in case of air system failure. Service brakes and parking brakes will operate independently. Parking brakes will be capable of positively holding the fully loaded apparatus on a 20% grade when the apparatus is performing any of its designated stationary functions.

Bidders Response: _____

CAB CONTROLS

- One ignition switch
- One speedometer with odometer
- One electronic tachometer
- One voltmeter
- One fuel gauge
- One engine oil pressure gauge
- One engine coolant temperature gauge

Dual air pressure gauge
Low air pressure, low oil pressure, high engine temperature warning buzzers and red flasher lights
Separate emergency warning devices for each hazardous system (oil, air, temperature)
Devices will not automatically kill engine
One low engine coolant warning light
One transmission temperature gauge
One master switch (65 amp minimum amperage)
One headlight switch
One heater/defroster switch
One air conditioning switch
One running light switch
One windshield wiper/washer switch
One air restriction gauge
One high beam indicator
One turn signal with indicators and hazard switch

Bidders Response: _____

ELECTRICAL

The alternator will be a **270 amp Leece Neville**. Two (2), 12-volt (**700CCA**) **1400 CCA total** maintenance-free batteries will be provided.

Bidders Response: _____

LIGHTING

Four (4) single headlights will be of the halogen sealed beam type with high and low beams. They will be mounted, (2) each side in a chrome bezel.

The front directional turn signals and parking lights will be amber in color, one (1) each side on the front of the cab, with switch for front and rear and an audible signal to indicate that turn signals are operating.

One I.C.C. four-way flasher switch with pilot light will be provided, mounted in the cab with-in easy reach of the apparatus driver.

All Federal and State required standard markers, clearance lights and reflectors, etc. that is required on the cab will be provided.

Bidders Response: _____

CAB ICC LIGHTS

Five (5) Recessed Marker Lights will be provided in the cab front face over the windshield.

Bidders Response _____

WIRING

All electrical wiring will be stranded copper with thermoplastic insulation, sized for amp load and connected in accordance with A.S. M.E. standards. They will be color coded as well as numbered. Wires will not be spliced and will extend from service point to use point or terminal blocks in such a manner as far removed from the exhaust and cylinders as good design will permit in order to be protected against heat, oil, and mechanical injury.

Bidders Response: _____

FRONT END

Tilting hood and fenders with chrome wire type grille will be provided.

Bidders Response: _____

FUEL TANK

56 U.S. Gallon Round Aluminum Right Hand Tank

Bidders Response: _____

EXHAUST

A right hand side exhaust will be provided. This box will house the new federally mandated exhaust system canister.

Bidders Response: _____

MIRRORS

Two (2) heated and remote controlled head rectangular rear view mirrors, with convex auxiliary mirrors will be provided.

Bidders Response: _____

CHASSIS MISC

- Self-canceling turn signals
- Ember Separator
- Electric passenger window with controls for the driver & officer
- Cruise Control
- Inside Sun Visor for Driver & Officer
- Tilt & Telescoping Steering Column
- Glove Box with Locking Latch
- Electric Door Locks LH & RH
- Doors & Ignition keyed alike
- Intermittent Windshield Wipers

- NFPA-1901 Contour Grab Handles by each door
- Solid rear wall
- Clear/Level frame rails
- Unless otherwise specified, all chassis components to be chassis manufacturer's standard.

Bidders Response: _____

CAB PAINT

The cab will be painted #N0 235-EA "Candy Apple Red".

Bidders Response: _____

CHASSIS MODIFICATIONS

The fire apparatus manufacturer will provide the following chassis modifications.

Bidders Response: _____

LOCK-UP EVS-3000

An electronic lock-up relay system will be installed between the engine , transmission and the fire pump. The lock-up will place the transmission into the 1:1 gear automatically for pump operations.

Bidders Response: _____

FRONT & REAR MUD FLAPS

There will be a pair of front and rear mud flaps installed at the rear of the fenders.

Bidders Response: _____

REAR TOW EYES

There will be two (2) tow eyes, one (1) on each side. They will be attached to the frame rails, located in the rear center, under the tailboard.

Bidders Response: _____

UNDER HOOD LIGHT

One (1) under hood light with integral switch will be provided and installed in an easy access area to light the engine compartment.

Bidders Response: _____

KUSSMAUL PUMP PLUS 1000

A Kussmaul "PumpPlus 1000" system will be provided that automatically charges the chassis air system and automatically charges the chassis battery system.

Bidders Response: _____

AIR COMPRESSOR

A small on-board air compressor will be provided and mounted on the front wall of the left hand front compartment to maintain the air pressure in the air brake system while the vehicle is not in use. A pressure switch will sense the system pressure and activate the compressor whenever the pressure drops below a predetermined level.

A selector switch will be provided on the charger to operate the compressor either as a D.C. compressor or as an A. C. compressor. In either switch position the compressor will operate from the vehicle battery.

When D.C. position is selected, the compressor will operate whenever the pressure switch senses low system pressure so that the vehicle air system can be charged when the vehicle is away from a 120 volt A.C. source.

When the department wishes to limit compressor operation only when the vehicle is connected to the 120 volt A.C. source, the switch should be placed in the A.C. position.

Input: 12 volt DC @ 12 Amps

Output: .30 SCFM @ 80 PSI, .35 SCFM @ 60 PSI

Motor Type: Permanent Magnet .10 HP

Bidders Response: _____

BATTERY CHARGER

The on-board automatic battery charger will be provided and mounted on the front wall of the left hand front compartment to maintain the chassis battery system. The "Pump Plus 1000" charger senses the batteries in the vehicle and recharges exactly as much as required.

When the batteries are fully charged, all charging will stop. The state of the charge is indicated on a remotely located bar graph display (on the left hand pump panel) whenever power is applied to the vehicle. The battery saver contained in the PumpPlus 1000 charger is a three (3) Amp power supply with a relay to remove the accessory loads from the battery and connect them to the power supply when the charger is energized with A.C. power. This will permit the charger to recharge the batteries without supplying the accessory load.

Input: 120 volts, 50/60 Hz, 3.5 Amps

Output: 12 VDC @ 15 Amps

Voltage Sense: Remote, Electronic

Battery Saver: Output Voltage: 12 VDC Output Current: 3 Amps

Bar Graph: Remotely located, indicates state of charge of batteries

Bidders Response: _____

KUSSMAUL AUTO-EJECT RECEPTACLE

There will be a Kussmaul “Super Auto-Eject”, 110 volt, 15 amp shoreline receptacle furnished and installed on the left hand pump panel. When the ignition switch is activated, the electrical current will be interrupted before the plug is automatically ejected to prevent arcing. The plug for the receptacle will be shipped loose to be installed on the shoreline cord.

Bidders Response: _____

ROCKER SWITCH PANEL

There will be a rocker switch panel located in the cab. The panel will be mounted in the center, between the driver and officer. All rockers will be provided with integral indicator lights. Switches will be provided for the “Master Warning”, as well as all individual warning light and scene light switches.

Bidders Response: _____

CAB CONSOLE

A master warning switch console as large as possible will be provided in the cab between the front seats. The compartment will be fabricated from aluminum and coated with a black crinkle finish. It will encompass the siren, switch panel & pump control.

Bidders Response: _____

MASTER BATTERY SWITCH

A master battery on/off switch will be provided in the cab, in a convenient forward location for the driver.

Bidders Response: _____

BACK-UP ALARM

One (1) Back-up Alarm 97 DB will be provided and installed at the rear of the unit. It will be wired to activate when the transmission is placed in reverse.

Bidders Response: _____

DUAL CHROME AIR HORNS

Dual 15” Buell chrome air horns will be provided and installed on the front fenders, (1) each side. They will be controlled by the steering wheel horn button.

Bidders Response: _____

HALE MBP-100-23 PTO PUMP

The Hale MBP-100-23 PTO pump will be of a size and design to mount on the chassis rails of commercial and custom truck chassis, and have the capacity of 1000 gallons per minute (U.S. GMP),

NFPA-1901 rated performance. The entire pump will be assembled and tested at the pump manufacturer's factory.

The pump will be driven by the truck transmission mounted power take-off (PTO). The engine will provide sufficient horsepower and RPM to enable pump to meet and exceed its stated performance within the torque rating of the PTO truck transmission gears and driveline components.

The entire pump, both suction and discharge passages, will be hydrostatically tested to a pressure of 600 PSI.

The pump will be fully tested at the pump manufacturer's factory to the performance spots as outlined by the latest NFPA Pamphlet No. 1901. Pump will be free from objectionable pulsation and vibration.

The pump body and related parts will be of fine grain alloy cast iron, with a minimum tensile strength of 30,000 PSI (2069 bar). All metal moving parts in contact with water will be of high quality bronze or stainless steel. Pump utilizing casting made of lower tensile strength cast iron not acceptable.

Pump body will be vertically split, on a single plane for easy removal of entire impeller assembly including wear rings and bearings from the pump without disturbing piping or the mounting of the pump in chassis.

The pump body will incorporate the discharge manifolding system with a minimum of (1) 4" ports and (11) 3" ports.

Pump shaft to be rigidly supported by bearings for minimum deflection. The bearing will be heavy duty, deep groove ball bearings in the gearbox and they will be splash lubricated.

The pump shaft will have: One (1) mechanical seal on the suction (inboard) side of the pump. The mechanical seal must be spring loaded, maintenance free and self-adjusting. Mechanical seal construction will be a carbon sealing ring, stainless steel coil spring, Viton rubber cup, and a tungsten carbide seat.

Pump impeller will be hard, fine grain bronze of the mixed flow design; accurately machined and individually balanced. The vanes of the impeller intake eyes will be of sufficient size and design to provide ample reserve capacity utilizing minimum horsepower. Impeller clearance rings will be bronze, easily renewable without replacing impeller or pump volute body.

The pump shaft will be heat-treated, electric furnace, corrosion resistant stainless steel for longer shaft life. Pump shaft must be sealed with double-lip oil seal to keep road dirt and water out of gearbox.

Bidders Response: _____

GEARBOX

Pump gearbox will be of sufficient size to withstand the torque of the engine system. The drive unit will be designed of ample capacity for lubrication reserve and to maintain the proper operating temperature.

The gearbox drive shafts will be of heat-treated chrome nickel steel and at least 1-3/4" inches in diameter.

All three gears will be of highest quality electric furnace chrome nickel steel. Bores will be ground to size and teeth integrated and hardened, to give an extremely accurate gear for long life, smooth, quiet running, and higher load carrying capability. An accurately cut helical design will be provided.

The pump ratio will be selected by the apparatus manufacturer to give maximum performance with the engine and transmission selected.

Bidders Response: _____

PRIMING PUMP

The priming pump will be a positive displacement, oil-less rotary vane electric motor driven pump conforming to the requirements of NFPA 1901. The pump body will be manufactured of heat treated anodized aluminum for wear and corrosion resistance. The pump will be capable of producing a minimum 24 Hg vacuum at 2000 feet above sea level. The electric motor will be a 12 VDC totally enclosed unit. The priming pump will not require lubrication. The priming pump will be operated by a single push-pull control valve mounted on the pump operator panel. The control valve will be of all bronze construction.

Bidders Response: _____

U.L. CERTIFICATION (1000 GPM)

The vehicle will be third party tested and certified by Underwriters Laboratories, Inc. UL testing is recognized as a leading third party product safety certification organization for over 100 years. UL has served on the NFPA technical committee for over 30 years. The testing organization must meet the following minimum requirements:

- Must be a nationally recognized testing laboratory recognized by OSHA.
- Must not represent, be associated with, or in the manufacture or repair of automotive fire apparatus.
- Must provide proof of ten (10) million dollars in excess liability insurance for bodily injury and property damaged combined.

The pump will meet and perform the following test to receive a U.L. Certification:

- 100% of rated capacity @ 150 PSI net pump pressure
- 100% of rated capacity @ 165 PSI net pump pressure
- 70% of rated capacity @ 200 PSI net pump pressure
- 50% of rated capacity @ 250 PSI net pump pressure

Bidders Response: _____

PUMP CERTIFICATION PLATE

A permanently affixed plate will be installed at the pump operator’s position that will provide the rated discharge and pressures together with speed of the engine as determined by the certification test. A label will be provided on the pump operator’s panel that states the following: **“Warning: Death or serious injury might occur if proper operating procedures are not followed.”**

Bidders Response: _____

SUCTION SIDE RELIEF VALVE

A Hale stainless steel adjustable suction side relief valve will be provided and installed on the pump. It will have male NST threads. A label will be provided on or near the outlet stating: **“Do Not Cap”**.

Bidders Response: _____

CLASS-1 “TOTAL PRESSURE GOVERNOR”

A Class-1 “Total-Pressure-Governor” will be provided and installed on the pump operator’s panel. It will have the following features:

- Dedicated Intake & Discharge Pressure gauges and RPM display
- Check and Stop Engine indicators
- One touch engine information
- Battery voltage
- Oil pressure and temperature
- Coolant temperature
- Transmission temperature
- Total engine hours
- Total pump hours
- Fuel rate
- Reduced pump panel space required
- Proven resolution and response

Bidders Response: _____

MASTER DRAIN VALVE

A Class-1 manifold drain valve assembly will be supplied. This drain will provide the capability to drain the entire pump by pulling a single control. The valve assembly will consist of a stainless steel plunger in a bronze body with multiple ports. The drain valve control will be mounted on the left side pump panel and identified as “MASTER DRAIN”.

Bidders Response: _____

PRIMING SYSTEM

The priming system will include an electrically driven rotary vane priming pump rigidly attached to the pump transmission. The pump, when dry, will be capable of taking suction and discharging water with a lift of 10 feet in not more than 30 seconds through 20 feet of suction hose through the steamers. The primer will activate by a pull/push “T” handle control.

Bidders Response: _____

PUMP MANUALS

Two (2) manuals covering the fire pump, the pump transmission and the selected options.

Bidders Response: _____

PUMP WARRANTY

The Hale pump will have a five (5) year warranty to the original owner. [Two years parts & labor/Three additional years parts only]

Bidders Response: _____

STEAMER INLETS

There will be two (2) 6” non-gated inlets furnished, one (1) on either side of the pump. The inlets will protrude approximately 3” away from the side panels and will each have NST threads and a removable strainer. There will be two (2) 6” chrome-plated long handled caps furnished, one (1) on each inlet. Two (2) Snap-Tite Piston intake valves with 6” NST pump connections and a 5” Storz hose connection will be provided. Storz caps with lanyards also required.

Bidders Response: _____

5” LEFT SIDE SUCTION

One (1) 2.5” **Hale stainless steel valve** will be provided and partially recessed behind the left side of the pump operator’s panel. The valve will be controlled at the valve with a swing type chrome handle. The valve will come equipped with a 2.5” NST chrome inlet swivel, chrome plug, chain, inlet strainer, with a 3/4” bleeder/drain valve. A chrome inlet adapter and plug must be installed to allow use of a 3-3/16 x 7 (ROME THREAD) on all 2.5” Suctions. The 2.5” NST chrome plug may be omitted.

Bidders Response: _____

2.5" RIGHT SIDE SUCTION

One (1) 2.5" **Hale stainless steel valve** will be provided and partially recessed behind the right side of the pump panel. The valve will be controlled at the valve with a swing type chrome handle. The valve will come equipped with a 2.5" NST chrome inlet swivel, chrome plug, chain, inlet strainer, with a 3/4" bleeder/drain valve. A chrome inlet adapter and plug must be installed to allow use of a 3-3/16 x 7 (ROME THREAD) on all 2.5" Suctions. The 2.5" NST chrome plug may be omitted.

Bidders Response: _____

1.5" CROSSLAYS

Two (2) 1.5" cross lay hose beds with punched-hole flooring will be located above the pump compartment. Each will be designed for 200 feet of 1.5" hose. A 2"FIPT x 1.5"MNST Brass Chicksan type swivel will be provided on each to allow the attached hose to be used from either side of the vehicle. The crosslays will have 2" Hale stainless steel valves and 2" plumbing.

The crosslays will be controlled from the left hand side operators' panel with push/pull locking chrome "T" handles. Control rods from the handle to the valves will be 3/4" hollow steel pipe for extra smooth operation. 2.5" gauges will be supplied within 6" above each discharge handle for pressure reading.

Bidders Response: _____

CROSSLAY COVER

A red cover will be provided over the crosslays. The cover will have twist & lock fasteners at the front and rear with Bungee Cords each side.

Bidders Response: _____

2.5" LEFT SIDE DISCHARGES

Two (2) 2.5" discharges with **Hale stainless steel valves** will be located on the left side panel. The valves will be quarter turn ball type and fixed pivot design to allow easy operation at all pump pressures. The 2.5" outlets will be equipped with integral, stainless steel, 30-degree elbows terminating with 2.5" MNST threads. A chrome vented cap and chain will also be supplied on each. A chrome inlet adapter and cap must be installed to allow use of a 3-3/16 x 7 (ROME THREAD) on all 2.5" Discharges. The 2.5" MNST chrome Cap may be omitted.

The valves will be controlled at the left hand pump operator's panel with swing type chrome handles. A 2-1/2" whit-face, Interlube filled pressure gauge will be installed on the panel near the control handle to indicate pressures from 0 to 400 P.S.I. The discharge will also come equipped with a quarter-turn, 3/4" drain valve.

Bidders Response: _____

2.5" RIGHT SIDE DISCHARGES

Two (2) 2.5" discharges with **Hale stainless steel valves** will be located on the right side panel. The valves will be quarter turn ball type and fixed pivot design to allow easy operation at all pump pressures. The 2.5" outlets will be equipped with integral, stainless steel, 30-degree elbows terminating with 2.5"

MNST threads. A chrome vented cap and chain will also be supplied on each. A chrome inlet adapter and cap must be installed to allow use of a 3-3/16 x 7 (ROME THREAD) on all 2.5" Discharges. The 2.5" MNSDT chrome Cap may be omitted.

The valves will be controlled at the left hand pump operator's panel with push/pull locking chrome "T" handles. A 2-1/2" white-faced, Interlube filled pressure gauge will be installed on the panel near the control handle to indicate pressures from 0 to 400 P.S.I. The discharge will also come equipped with a quarter-turn, 3/4" drain valve.

Bidders Response: _____

3" TANK TO PUMP VALVE

There will be a 3" **Hale stainless steel valve** with flexible hose plumbing and check valve connected from the tank to the pump. The tank to pump valve will be controlled from the left hand side operator's panel with a push/pull locking chrome "T" handle. The control rod from the handle to the valve will be a 3/4" hollow steel pipe for extra smooth operation.

Bidders Response: _____

2.5" TANK FILL VALVE

One (1) 2.5" tank fill/recalculating line from the pump direct into the booster tank will be supplied. **The Hale stainless steel 2.5" valve** will be controlled from the left hand side operator's panel with push/pull locking chrome "T" handle. The control rod from the handle to the valve will be a 3/4" hollow steel pipe for extra smooth operation.

Bidders Response: _____

STAINLESS STEEL PLUMBING SPECIFICATIONS

All suction and discharge lines of 2" or larger will have heavy duty **stainless steel** threaded pip and/or Class-1 high pressure hose. Where vibration or chassis flexing may damage or loosen piping, the pipe will be equipped with Victaulic or rubber couplings. The entire discharge and intake piping system, valves, drain cocks and lines, intake and outlet closures, excluding the tank fill and tank to pump lines on the tank side of the valves, will be designed for 500 PSIG.

All lines 1 1/2" and larger will have individual Class-1 quarter turn drain valves that will be extended to drain below chassis frame. All water carrying gauge lines will be flexible polypropylene tubing to prevent breakage from vibration.

Bidders Response: _____

INDEPENDENT FIRE PUMP MOUNTING

The fire pump will be mounted within a separate body module that is not directly connected to the apparatus body. This module will be mounted to the frame in four locations and in such a manner as to reduce the likelihood of a collision causing the pump casing to crack.

These shall be bolted to the chassis rails with $\frac{3}{4}$ " grade 8 fasteners. The four (4) points where the pump module is mounted to the frame will be reinforced appropriately to carry the expected load for the life of the apparatus.

Plumbing as well as the pump will be integral with the pump module as much as possible to facilitate the changing of the chassis should the apparatus be involved in a collision. This arrangement will allow for removal of the entire pump and pump compartment for service without involving the main body.

The fire pump will be mounted on two structural steel angles approximately 4.00" x 8.00" x $\frac{1}{4}$ ", which are bolted to 3" x 7" x $\frac{1}{4}$ " main pump sub-frame angles. These will be bolted to the chassis rails with $\frac{3}{4}$ " grade 8 fasteners.

Note: The pump compartment will be constructed of extruded aluminum, separated from the body substructure. It will be 40" in width and be a modular type design.

Bidders Response: _____

LEFT HAND OPERATORS PANEL

All pump controls and gauges will be located at left side of apparatus and properly labeled. All push/pull control handles will have the twist-lock feature with a minimum $\frac{1}{2}$ " steel rod or hollow pipe. All side discharges will have the control and individual gauge mounted within 6" of the discharge. All other discharges will have the individual gauge placed within 6" of the control. The central midpoint or center line of any control will be no more than 72" (1830 mm) vertically above the ground or platform that is designed to serve as the operator's standing position. No gauge or display will be more than 84" above the level where the operator stands to read the instrument.

All nameplates for discharges, suction, controls and gauges will be color coded and be of a type permanent in nature, securely attached, and capable of withstanding the effects of extremes of weather and temperature. All labels and markings will comply with N.F.P.A 1901.

All gauges and instruments will be mounted and attached so they are protected from accidental damage and excessive vibration.

Brushed stainless steel trim collars will be installed around all suction inlets and discharge outlets for a pleasing appearance, if required.

Bidders Response: _____

DUNNAGE AREA

A dunnage area will be provided over the pump, behind the crosslays. It will have four (4) walls and a floor. The outer walls will be 12 gauge brushed stainless steel while the front, rear walls and the floor will be smooth aluminum. The top will be open.

Bidders Response: _____

LEFT SIDE PANEL

The left side pump panel will be fabricated from 12 gauge brushed stainless steel. The left side pump panel will be illuminated by four (4) LED lights equipped with a full length brushed stainless steel shield. The lights will be activated by a push/pull light switch located on the left hand pump operator’s pump panel.

The upper 10” of the full width panel will have two (2) vertically hinged access doors, with two (2) chrome “push-button” latches to allow for easy access to the pump house.

Bidders Response: _____

RIGHT SIDE PANEL

The right side pump panel will be fabricated from 12 gauge brushed stainless steel. The right side pump panel will be illuminated by four (4) LED lights equipped with a full length brushed stainless steel shield. The lights will be activated by a push/pull light switch located on the left hand pump operator’s pump panel.

The upper 20” of the full width panel will have two (2) vertically hinged access doors, with two (2) chrome “push-button” latches to allow for easy access to the pump house.

Bidders Response: _____

PUMP GAUGES

All gauges will be Span liquid filled type to keep the dial from pulsating and also to prevent condensation from forming inside the gauges. The master suction (inlet) gauge provided will be from -30 to 400 PSI. Each individual discharge gauge provided will be from 0 to 400 PSI.

Two (2) 4.5 “ Master Gauges (Suction & Pressure)
One (1) 2.5” discharge gauge for each 1.5” or larger discharge

Note: all 2.5” gauges will have color coded bezels to match the control handle labels.

Bidders Response: _____

ENGINE COOLER

An auxiliary heat exchanger will be provided for added engine cooling during pump operation. The auxiliary engine cooler will be mounted directly behind the radiator tank and use water from the fire pump during pumping operation. The radiator plumbing will include a drain cock for coolant evacuation.

The control valve for the heat exchanger will be located on the pump operator’s panel, and will be a Class-1 quarter turn ball valve with chrome plated handle with an “Auxiliary Cooler” identification tag recessed into the face of the handle.

Bidders Response: _____

U.L. TEST POINTS

Two (2) chrome U.L. test plugs will be mounted on the left hand pump operator’s panel for testing of vacuum and pressure during the performance test.

Bidders Response: _____

LED PUMP HOUSE LIGHT

One (1) LED light with switch will be provided and installed in the pump house behind the left hand side access doors.

Bidders Response: _____

WATER TANK

The tank will be minimum 2000 gallons in capacity. It will be a “Wetside” “T” tank design. The tank will have ½” thick floor, ¾” sidewalls and top. The tank will be constructed of a minimum of ½” thick sheet stock.

This material will be non-corrosive stress relieved thermoplastic, black in color and U.V. stabilized, for maximum protection. The tank will be of a special configuration and is so designed to be completely independent of the body and compartments.

All exterior tank joints and seams will be tested for maximum strength and integrity. The top of the tank is fitted with removable lifting eyes designed with a 3 to 1 safety factor to facilitate easy removability.

The transverse and longitudinal swash partitions will be manufactured of polypropylene material. All partitions will be designed to provide maximum water flow and meet NFPA rules. All swash partitions interlock with one another and are welded to each other as well as to the walls and floor of the tank.

BAFFLES: The tank will be provided with proper splash baffles according to the latest edition of NFPA Pamphlet 1901. All baffles will be installed using a unique method of inter-locking.

MOUNTING: There will be a heavy duty rubber cushion between the tank sub frame and the tank to absorb road shock and normal chassis torsion.

Overflow 6” w/vent: The water fill tower will be 12” x 12” with a hinged cover that will open if the tank is filled at an excessive rate. There will be a 6” overflow that will discharge underneath the tank, behind the rear wheels. The overflow will terminate 6” above the tank. A ploy screen will be in the fill tower to prevent objects from falling into the tank. The fill tower will be located in the left front of the hose bed.

SUMP: The sump will be 8” x 8”. It will be located in line with the tank to pump valve, providing a straight line for the suction. There will be an anti-swirl baffle plate attached on the top side.

OUTLETS: In addition to the tank suction valve outlet located in the sump, there will be an outlet provided for the tank fill valve.

Bidders Response: _____

TANK COLOR

The tank will have a "Lifetime" warranty provided by the tank manufacturer.

Bidders Response: _____

SWIVEL CHUTE SYSTEM

There will be one (1) 10" Newton #6000SW steel swivel chute with a Newton #4063 36" long telescoping chute provided and installed on the 10" dump valve at the center rear of the tank. The chute system will be painted to match the tank. The chute will be pinned to the rear compartment for storage during transport.

Bidders Response: _____

4" REAR DIRECT TANK FILL

There will be one (1) external 4" stainless steel flange direct tank fill port furnished on the right hand rear of the apparatus with a plumbed 30 degree elbow. The tank fill will have a 4" Akron Brass valve and manual hand-wheel control handle located on the valve with 4" FNST Chrome swivel. The valve will be painted to match the tank. A chrome plug and chain will be supplied and installed on the valve.

Bidders Response: _____

LDH DISCHARGE 30 DEGREE ELBOW

The 4" (LDH) discharge will be supplied with a 4"FNST x 5"Storz, 30 degree turndown elbow adapter and a 5" blind cap with chain.

Bidders Response: _____

HOSE BODY

Hose bed will be made entirely of 1/2" and 3/4" poly material, free from all sharp objects such as bolts, nuts, etc., to avoid damage to fire hose. Body will be black in color, with a UV rating. The raised black poly hose bed flooring will be provided to allow ventilation under the hose in the hose bed area. Approximately 85 cubic feet of hose bed capacity is provided.

Bidders Response: _____

ADJUSTABLE HOSE BED DIVIDER

One (1) full length hose bed divider will be fabricated of 3/16" smooth aluminum and be fully adjustable within the hose bed. The rear top ends of the divider will have a three inch radius corner and will be deburred to prevent damage to the hose. Aluminum "Uni-Strut" will be provided horizontally at the front tank wall and poly at the rear of the tank to allow the divider to be adjustable.

Bidders Response: _____

HOSEBED COVER

The hose bed will have a 16 oz. heavy-duty cover. This cover will have bungee cords with chrome hooks across the front and down each side. A flap will be provided at the rear and held in place with (2) bungee chrome hooks. **A stainless steel protection plate will be provided on the rear of the tank where the flap touches.**

Bidders Response: _____

ALUMINUM SUB-FRAME/BODY MOUNTING

The sub-frame main members and sub-frame cross-members will be constructed of extruded aluminum 3: x 3: angle, 3" x 2" tubing and 3" x 1/4" channel. The cross-member tubing immediately behind and in front of the rear axle will be provided to form the framework.

The body will be separated from the standard sub-frame by "ECK" to prevent corrosion.

The standard sub-frame will be attached to the chassis rails with a minimum of four (4) 3/4" grade 8 heavy duty spring loaded bolts, (2) each side at the front to allow flexing and four (4) 3/4" grade 8 bolts at the rear.

The water tank will be separated from the sub-frame by the installation of 1/4" full width & length hard rubber to allow some movement of the tank without damage. The corners of the water tank sub-frame will have angle supports to allow movement, but not allow shifting too far in any direction.

All brackets, supports, pump flanges, and sub-frame components will be bolted to the frame rail sides only. No holes will be drilled in the frame flanges. No welding will be allowed on the frame rail sides or flanges.

All aluminum welding will be done electrically, using 4043 aluminum welding wire, and will follow American Welding Society and ANSI- DI.2-96 requirements for structural welding of aluminum.

All body parts and attachments made from dissimilar metals will be fastened to the body utilizing a gasket or nylon washers between the parts, to prevent metal to metal contact to prevent chemical corrosion. All fasteners used in attaching components will be stainless steel.

Bidders Response: _____

BODY CONSTRUCTION

The body compartments will be fabricated entirely of painted smooth aluminum.

Each compartment will be 100% welded on all exterior front seams with MIG spot welds on the rear and interior seams for maximum strength. All major structural mounting bolts will be grade five type with locking style nuts.

All ¼" or smaller mounting bolts, nuts and trim screws used in body construction will be of stainless steel construction for rust prevention and a lasting appearance while providing maximum strength. All fasteners will be removed easily with standard tools. Wherever possible, all fasteners will have locking style nuts or will be threaded into panel and locked by an acorn nut, to eliminate loosening fasteners.

All screws that do not have locking nuts will have threads coated with lock-tite. Acorn nuts will be used throughout the body to prevent the possibility of snags and injuries, including fasteners which protrude into compartments and hose bed.

The entire sub-frame assembly for the body will be fabricated of primed and gloss black painted structural steel.

Bidders Response: _____

COMPARTMENTATION

The following compartments will be fabricated from 3003 painted smooth aluminum.

L1: Street side, forward of axle (38.3 Cubic Feet of Storage Capacity – No Exception)

Size: 72" wide x 34" high x 27" deep

Door Opening: 66" wide x 25" high (No Exception)

Type door: One (1) natural aluminum roll-up door.

L2: Street Side, rearward of axle (25.5 Cubic Feet of Storage Capacity – No Exception)

Size: 48" wide x 34" high x 27" deep

Door Opening: 42" wide x 25" high (No Exception)

Type door: One (2) natural aluminum roll-up door.

R1: Curb Side, forward of axle (38.3 Cubic Feet of Storage Capacity – No Exception)

Size: 72" wide x 34" high x 27" deep

Door Opening: 66" wide x 25" high (No Exception)

Type door: One (1) natural aluminum roll-up door.

R2: Curb Side, rearward of axle (25.5 Cubic Feet of Storage Capacity – No Exception)

Size: 48" wide x 34" high x 27" deep

Door Opening: 42" wide x 25" high (No Exception)

Type door: One (1) natural aluminum roll-up door.

B1: Center Rear, under dump valve (4.4 Cubic Feet of Storage Capacity – No Exceptions)

Size: 46" wide x 14" high x 12" deep

Type door: OPEN – No Door

Bidders Response: _____

SWEEP-OUT CONSTRUCTION

All side body compartments will have sweep out type floors. All compartments will be made to the largest practical dimensions to provide maximum storage capacity for fire department equipment. All dimensions are plus/minus 2". All compartments will have aluminum vents on the top rear wall of the compartment. An aluminum cover will be provided and installed on the outside of the compartment to shield water from entering the compartment at the vent area. In conjunction with the steel substructure, each compartment floor will have the capacity to hold 1,000# of equipment.

Bidders Response: _____

ROLL UP DOOR CONSTRUCTION

Each exterior compartment will have a *Gore-Tite* brand roll up door installed. The roll up doors are constructed from natural finished anodized aluminum extruded slats, which have a flexible seal between each slat for proper sealing of the door. Each door will be equipped with a latch type lift mechanism, which latches at the bottom of the door mounting extrusion.

Bidders Response: _____

“WATER DAM” DOOR SEALS

Each compartment that is equipped with a rollup door will have a “Water Dam” sill installed in the bottom of the compartment to reduce water and other liquids from entering the compartments. The door will act as a scuff plate to reduce paint damage from equipment.

Bidders Response: _____

UNI-STRUT

There will be four (4) vertical pieces of 3/4" aluminum “Unit-Struts” provided and installed in each compartment, for future use of shelves.

Bidders Response: _____

REAR FENDERS

Two (2) single style painted smooth aluminum fender assemblies will be included on each side of the vehicle over the wheels of the single axle. Reinforcements will be provided at the rear and center areas to reduce movement during truck operation. Black rubber fenderettes will be provided and installed around each wheel well.

Bidders Response: _____

(4)SINGLE SCBA BOTTLE STORAGE COMPARTMENTS

A total of four (4) individual SCBA bottle compartments will be installed on the vehicle. Two (2) compartments with access doors will be provided, one (1) to the front and one (1) to the rear of the rear wheel well area, on each side. Each compartment will be constructed from aluminum with rubber matting or poly. Each compartment will have a stainless access door with stainless steel hinge and a “push-button” positive latch. Automotive bulb rubber will outline the inner surface on the access door.

Bidders Response:_____

RUNNING BOARDS

Running boards will be fabricated of NFPA-1901 compliant aluminum tread plate supported by the structural steel sub-frame. The running boards when apparatus is fully loaded will have a maximum ground clearance of 24” when sitting on a level surface. They will be flanged down to provide added strength and rigidity and to prevent cutting of hands while washing the apparatus.

Bidders Responses:_____

REAR TAILBOARD

Rear step will be constructed of NFPA-1901 compliant aluminum tread plate supported by the structural steel sub-frame. The tailboard when apparatus is fully loaded will have a maximum ground clearance of 24” when sitting on a level surface. The tailboard will be flanged down to provide added strength and rigidity and to prevent cutting of hands while washing the apparatus. Rear step will be spaced away from body a minimum of 1/4”. The rear step will be 16” deep and run the entire width of the apparatus.

Bidders Response:_____

ALUMINUM RUB RAIL

Protective rub rails will be provided on each side of the apparatus, along the lower edges of the body below the compartment doors. The rub rails will be fabricated of 1.5” aluminum flatbar extrusion with a natural finish. The rub rails will be attached to the body with stainless steel bolts and will protrude beyond the outer surface of the apparatus body to protect it while loading and unloading firefighting equipment.

Bidders Response:_____

ACCESS STEPS

The following areas will have steps installed:

Three (3) chrome folding steps will be on the left rear of the vehicle.

Three (3) chrome folding steps will be on the right rear of the vehicle.

Bidders Response:_____

HANDRAILS

All handrails used on apparatus will be 1-1/4” diameter “knurled” aluminum tube supported at each end by a chrome plated stanchion. All rails will be designed and mounted to reduce the possibility of hand slippage and to avoid snagging of hose, equipment, or clothing. Drain holes will be provided in the bottom of all vertically mounted assist handles. Handrails will be installed in the following locations:

- One (1) 24” vertical handrail will be on the left rear side of the tank.
- One (1) 24” vertical handrail will be on the right rear side of the tank.

Bidders Response: _____

HARD SUCTION HOSE STORAGE

Two (2) smooth natural aluminum trays will be provided and mounted on the left side of the water tank on integral poly “Uni-Strut” and aluminum mounting brackets, below the ladders at the lowest point possible. Each hose tray will have the capacity for one (1) HSH each to be secured to the trays by two (2) Velcro straps on each tray.

Bidders Response: _____

HARD SUCTION

The vehicle will be equipped with two (2) 10’ sections of 6” PVC flexible suction hose, coupled with Hard Coat aluminum 6” LHFNST x 6” MRLNST.

Bidders Response: _____

BARREL STRAINER

A 6” barrel strainer will be provided and shipped loose.

Bidders Response: _____

FOLDING TANK RACK

A folding tank storage rack will be provided and installed on the right side of the unit above the compartments and wheel well area. It will be fabricated from 1.5” stainless steel tubing and be large enough to transport a **2500 gallon folding tank**. The rack will be hinged at (3) points for ease of loading and unloading. While in the stow position the rack will be secured with a locking pin latching mechanism at each end that features a safety latch.

The rack will be supplied with extensions on each side that will act as handles for lowering and raising the compartment. The handles will be located approximately 72” from the ground for easy access. Two (2) rubber bumpers will be provided to prevent the rack from damaging the body while in the down position.

Bidders Response: _____

FOLDING TANK

One (1) 2500 gallon capacity Husky brand folding tank will be supplied. The tank will feature a **tubular aluminum frame** with 22 ounce vinyl sides and 28 ounce vinyl floor.

Bidders Response: _____

LADDER RACK

A set of CPI cast aluminum ladder brackets mounted on aluminum “Uni-Strut” will be provided and installed on the right side body wall, above the lower compartments. The brackets will hold (1) 24 foot extension ladder and (1) 14 foot single ladder. A 10 foot “ZICO” folding ladder bracket will be provided and mounted on top of the right side compartments.

Bidders Response: _____

BAG OF FASTENERS

A bag of stainless steel nuts, bolts, screws and washers in a sufficient quantity for mounting equipment brackets, etc.

Bidders Response: _____

ELECTRICAL STANDARDS

All wiring and electrical equipment will meet N.F.P.A. 1901 (2015 edition) and SAE standards. All lighting and reflectors will meet Federal Motor Vehicle Standards. The optical warning system on the fire apparatus will be capable of two separate signaling modes during emergency operations. One mode will signal to drivers and pedestrians that the apparatus is responding to an emergency and is calling for the right of way. All fuses, circuit breakers, and relays installed by the body builder must be clearly and permanently labeled for function. In the case of fuses the rating must also be clearly and permanently labeled on the socket or holder.

The other mode will signal that the apparatus is stopped and is blocking the right of way. The parking brake switch will determine, through the use of switching, which mode the emergency lighting is in. The optical warning devices will be constructed or arranged to avoid the projection of light either directly or through mirrors into any driving or crew compartments. Illumination will be provided for controls switches, essential instructions, gauges, and instruments necessary for the operation of the apparatus and the equipment provided on it. Where external illumination is provided, it will be a minimum of 5 foot-candles (54 lux) on the face of the device. Where external illumination is provided, it will be a minimum of 4 foot lamberts.

Hydraulic lines, air system tubing, control cables, and electrical lines will be clipped to the frame or body structure of the apparatus and will be furnished with protective heat looms and/or grommets at each point where they pass through body panels or structural members.

Note: All accessory wiring on the water tank will be run through conduit inside the tank.

Where any through-the-frame connector is provided, any such connector and wiring will also be protected from shear or tear. All accessory wiring on the water tank will be run through conduit inside the tank.

Wiring will be provided with properly rated low voltage over current automatic resetting protective devices. (The headlight circuit breaker will be of the automatic reset frier type).

Such devices will be readily accessible and protected against excessive heat, damage and water spray. Switches, relays, terminals, and connectors will have a direct current rating of 125 percent of maximum current for which the circuit is protected.

Bidders Response: _____

LOAD MANAGEMENT SYSTEM (LMS)

A Kussmaul Load Manager 1901 will be provided and installed on the vehicle. The Load Manager 1901 is designed to meet and exceed all the requirements of NFPA 1901. The system will sequence a total of eight (8) loads.

Load shedding is accomplished in two zones; one (1) zone for lights that may be shed when on the road and the other for lights that may be shed at the scene. Selection of shedding modes is through the parking brake switch or the neutral safety switch.

A high voltage detector will be provided to detect when the sensed voltage exceeds 15 volts. High voltage, low voltage and load shedding set points are individually field adjustable. Load shedding priority is determined by the wiring connections to the Load Manager.

A LED read out will be provided and installed in the cab in clear view of the driver to access the function of the Load Manager. A switch will be provided for an emergency to allow shutting off the load manager.

Bidders Response: _____

LED DOT LIGHTING

Two (2) amber **LED** side body running lights will be provided and mounted, one (1) amber **LED** will be on each side approximately midway between the front and rear axle. **There will be one (1) amber LED turn signal light furnished and mounted in front of the axle.** There will be seven (7) lights located on the rear of the vehicle. Three (3) of the lights will be **LED** recessed in the center of the tailboard area and (1) **LED** recessed each side for use as identification lamps. Two (2) **LED** lights will be provided on top stanchions, located as high and wide as possible, one (1) each side, for use as clearance lamps. All required reflectors will be bolted onto body.

Bidders Response: _____

LED TAIL LIGHTS

The two (2) tail/turn/brake lights will be red **LED** 7” round series. The two (2) back-up lights will be clear **LED** 7” round series. There will be one (1) set of two mounted vertically each side on rear face of body.

Bidders Response: _____

LED COMPARTMENT LIGHTING

LED compartment lights will be provided, (2) in each front enclosed compartment, [one near the top and one near the bottom] and (1) in each side rear enclosed compartment, including any and all special compartments provided with a minimum of 4 cubic feet.

Bidders Response: _____

LED DOOR OPEN HAZARD LIGHT

There will be a flashing red LED light located on the cab dash in clear view of the driver. This light will be illuminated automatically whenever any passenger or equipment compartment door is open and the transmission is placed in gear. The light will be marked: **“Do Not Move Apparatus When Light is On”**.

Bidders Response: _____

LED LICENSE PLATE LIGHT

A license plate bracket with LED light will be provided and installed on the left hand rear of the body. It will be wired to come on with the headlights.

Bidders Response: _____

LED UNDERBODY/CAB GROUND LIGHTS

Six (6) LED clear ground illumination lights, with outward facing aluminum angle brackets will be provided and installed. Two (2) will be located under the cab doors, two (2) will be located to light the side running board area and two (2) will be located to light the rear tailboard area. The lights will activate with the parking brake.

Bidders Response: _____

EMERGENCY LIGHTING

Emergency lighting will consist of:

One (1) Whelen “Justice” model JE2NFPA Low Profile light bar 56” long with Four (4) corner Red linear LEDS and Six (6) front CON3 LEDS (4 Red/2 Clear) will be provided and installed on the cab roof.

Eight (8) Whelen mode TIR6 red **SUPER LED lights** mounted on chrome housing will be provided and installed as follows:

- Two (2) in chassis grille (one each side)
- Two (2) to the front/side of the in the front fenders (one each side)
- Two (2) in the center rear wheel well area (one each side)
- Two (2) rear facing near the tail light assembly (one each side)

Two (2) Whelen “SUPER-LED” model L32l will be provided and mounted, (1) each side on the Upper Rear poly-stanchions, with one red lens and one amber lens.

Bidders Response: _____

SIREN

One (1) Code III model 3672 100/200 watt siren will be furnished and installed between the driver & officer. The hard wired noise canceling microphone will be installed on the dash within easy reach of the driver or officer. The siren will feature Manual, Wail, Yelp, Hyper Yelp, Air Horn, Radio Repeat and Public Address. It will have a one (1) year standard warranty from Code III.

Bidders Response: _____

SIREN SPEAKER

There will be two CPI 100 watt cast aluminum siren speakers furnished with a polished trim ring and recessed in the left hand side and right hand side of the front bumper.

Bidders Response: _____

CODE III 12 VOLT LED SCENE LIGHTS

Six (6) 12 volt “Internal-optics” LED scene lights, Code III 79CSBZ 7” x 9”, will be provided and installed near the top of the tank as follows: two (2) on the left side of the tank using CPI polished cast aluminum straight mounts [one to the front and one to the rear], two (2) on the right side of the tank using CPI polished cast aluminum straight mounts [one to the front and one to the rear] and two (2) installed at the rear of tank [one each side on the rear poly stanchions]. They shall be switched, left, right & rear in the cab.

Bidders Response: _____

CROSSLAY LED LIGHT

One (1) 12 volt LED light will be provided and installed on front of the water tank to light the crosslay area and the hose bed area. A switch will be provided on the light head with a master switch in the warning light console in the cab.

Bidders Response: _____

BACK-UP CAMERA SYSTEM

There will be one (1) 12 volt back-up **Safety Vision** camera provided and installed at the rear of the truck or equal brand. This unit will have a monitor in the cab with audio sound.

Bidders Response: _____

WATER TANK PAINT

The “Wet-Wall” poly water tank will be primed and painted to Fire Apparatus industry standards using PPG topcoat paint for durability and long lasting finish. The finished coat will be buffed as necessary to provide a lustrous finish. The paint color will be N0235-EA “Candy Apple Red”.

Bidders Response: _____

COMPARTMENT INTERIOR COATING

The interior of the compartments will be coated with a “Truck Bed Liner” material which features an excellent scratch resistance surface. The color will be light gray.

Bidders Response: _____

TOUCH-UP PAINT

A container of touch-up paint will be provided to match the cab color.

Bidders Response: _____

REFLECTIVE STRIPING

NFPA-1901 (2015 Edition) 15.9.3 Reflective Striping: A retro-reflective stripe(s) will be affixed to at least 50 percent of the cab and body length on each side, and at least 25 percent of the width of the front of the apparatus. **The stripe or combination of stripes will be a minimum of 4 in. (100 mm) in total width.** A graphic design will be permitted to replace all or part of the required striping material if the design or combination thereof covers at least the same perimeter length(s) required.

At least 50% of the rear vertical surfaces of the apparatus will be equipped with a minimum 6 inch alternating red and yellow chevron retro-reflective striping sloping downward and away from the centerline of the vehicle at an angle of 45 degrees.

Bidders Response: _____

LETTERING

Up to sixty (60) 3” “Gold Reflective” of “Burlled Imitation Gold Leaf” vinyl letters will be provided with black shading and borders. **NOTE: The Fire Department will provide lettering layout with photos to successful bidder.**

Bidders Response: _____

MANUFACTURING LABELS

A permanent plate will be mounted in a compartment 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 will be marked N/A to inform the service technician who may not be familiar with the apparatus.

- Engine Oil
- Engine Coolant
- Transmission Fluid
- Pump Transmission Fluid
- Drive Axle Fluid
- Air Conditioning Refrigerant
- Power Steering Fluid
- Transfer Case Fluid
- Air Compressor System Lubricant
- Front Tires Air Pressure
- Rear Tires Air Pressure

Bidders Response: _____

NFPA-1901 REQUIRED LABELS:

SEAT BELT SIGN: An accident prevention sign stating “**Danger Personnel Must Be Seated and Seat Belts Must be Fastened While Vehicle Is In Motion**” will be visible from each seating position.

SEATING CAPACITY SIGN: A permanent sign will be installed in the drivers compartment specifying the maximum number of personnel the vehicle is designed to carry (seating capacity) per NFPA standards. It will be located in an area visible to the driver and will read “**SEATING CAPACITY (2)**”.

ACCIDENT PREVENTION SIGN: An accident prevention sign stating: “**Danger Do Not Ride On Rear Step While Vehicle Is In Motion, Death Or Serious Injury May Result**” will be placed so it is visible from the rear step of the vehicle. A similar sign will be placed on the top mount walkway. (If provided)

SUCTION INLET SIGN: The valve inlet located at the pump operator’s position will be provided with a permanent label that states: “**Warning Death Or Serious Injury Could Occur If Inlet Is Supplied By A Pressurized Source When The Valve Is Closed**”.

OVERALL TRAVEL CLEARANCE PLATE: There will be a travel clearance warning label located in the chassis cab. The travel clearance warning label is to be located in easy view of the driver. The travel clearance warning label to include the following information: **Overall travel clearance height in feet and inches.**

GVW SIGN: The contractor will supply the final manufacturer’s furnished certification of GVWR and GAWR on a nameplate affixed to the vehicle.

SHIFT SELECTOR SIGN: A nameplate indicating the “**Chassis Transmission Shift Selector Position for Pumping**” will be provided in the driving compartment and located so that it can be easily read from the driver’s position.

TYPE OF FUEL SIGN: A “**Diesel Fuel Only**” name tag will be attached to fuel fill access door.

FINAL STAGE LABEL: A nameplate will certify that the completed vehicle conforms to the motor vehicle safety standards previously certified by the chassis manufacturer and that the final stage Manufacturer has not altered the certification. All nameplates and instruction plates will be metal or plastic with the information permanently engraved, stamped, or etched thereon. Metal nameplates to be installed with plated screws. All name plates to be mounted in a conspicuous place.

Bidders Response: _____

OWNER AND SERVICE MANUALS

Owner and Service Manuals for all major assemblies will be supplied. These assemblies are: Engine, Transmission, and Truck Chassis. Service manuals will provide maintenance and repair information to allow for safe and efficient repairs by our Maintenance facility after the warranty period(s) have expired. Accurate electrical wiring schematics/diagrams for the Chassis and Body must be provided.

Bidders Response: _____

DIAGNOSTIC SOFTWARE

Software and any adapters/special cables required to utilize software must be provided for Engine, Transmission, ABS and any electronic body controllers that have on board diagnostic capabilities for the vehicle. It is preferred that any software and cables be compatible with the Snap-On Pro-Link IQ test System. If compatibility is not possible with the Snap-On system then it must be compatible with a standard Windows based laptop computer running Windows 7 or later operating system.

Bidders Response: _____

Optional Items

Please provide separate pricing for each item. Do not include the cost of any of the items in the cost of the tanker truck bid amount. The optional items listed may or may not be purchased as a whole. Some or all may be purchased available budget permitting. Pricing should be based on a unit of one (1) EACH.

ITEM	Bidders Response
1. 2 each – Akron 1 ½ Turbo-Jet Nozzle with Pistol Grip – Part #1720	_____
2. 1 each – TurboDraft Fire Educator, 5” TurboDraft Unit.	_____
3. 8 each - 1 ½” Double Jacketed Fire hose, 50 ft. length nylon outer jacket, EDPM Rubber lined inner jacket with hard coated aluminum 1 ½” NST rocker lug couplings. Equal to Fire Quip ,D J 800.	_____
4. 8 each – 2 ½” Double Jacketed Fire hose, 50 ft. length nylon outer jacket, EDPM rubber lined inner jacket with hard coated aluminum 2 ½” rocker lug Couplings with 3 3/16” X 7 tpi threads. Equal to Fire Quip LDH, Hydro Flow.	_____
5. 1 each – Kocheck 5” Storz X 2 ½” rigid male with 3- 3/16” X 7 tpi Threads on 2 ½” – Part # S36S525.	_____
6. 6 each – 5” LDH Supply line 100’ long with 5” aluminum Storz couplings	_____
7. 1 each – 2 ½” hydrant gate valve, 1/4 turn ball with 3- 3/16” X 7 tpi threads Hard coat aluminum construction.	_____
8. 4 each – Kocheck KS – 3 Storz Spanner wrench set with bracket.	_____
9. 4 each – Kocheck KO45-3 Spanner set with bracket.	_____
10. 2 each – Wheel chocks with storage bracket.	_____

All items are to bid FOB, 168 North Ave, Rome Georgia, 30161

BIDDER INFORMATION

1. How long has your firm been in business at its current location? What is the physical street address of your home office?

Bidders Response: _____

2. What is the nearest service location for the apparatus that you are proposing to provide?

Bidders Response: _____

3. How many of the apparatus of this type has your firm built?

Bidders Response: _____

4. Has your firm currently or previously involved in any type of bankruptcy action? If yes, what is the status of the action?

Bidders Response: _____

5. Have you previously or are you currently involved with any legal action relative to products that you have built and sold? If yes, what is the status of the action?

Bidders Response: _____

6. Provide the name, phone number, e-mail and business organization name of three clients for which you have previously provided apparatus of this type.

Bidders Response: _____

BID FORM

TO: City of Rome – Purchasing Department
P.O. Box 1433
601 Broad Street
Rome, Georgia 30162-1433
ATTN: WILLIAM P.GILLILAND

BID PKG. “017-15” –“Fire Tanker Truck”

Quantity	Description	Total
1	Fire Tanker Truck	_____

TOTAL COST: _____

**Delivery will be FOB, 68 North Ave
Rome, Georgia 30161**

Expected Delivery Date: _____

All bids submitted shall be subject to acceptance or rejection and the City of Rome specifically reserves the right to accept or reject any or all bids, to waive any technicalities and formalities in the bidding.

The undersigned understands that any conditions stated above, clarifications made to the above or information other than that requested should be under separate cover and to be considered only at the discretion of the Purchasing Department.

Name of Individual, Partner
or Corporation

Company

Title

Address

Authorized Signature

City, State, Zip Code

Company phone number

BIDDERS DECLARATION

The bidder understands, agrees and warrants:

That the bidder has carefully read and fully understands the full scope of the specifications.

That the bidder has the capability to successfully undertake and complete the responsibilities and obligations in said specifications.

That the bidder has liability insurance and a declaration of insurance form is included in the bid package.

That this bid may be withdrawn by requesting such withdrawal in writing at any time prior to **June 11, 2015 at 4:00 p.m.** but may not be withdrawn after such date and time.

That the City of Rome reserves the right to reject any or all bids and to accept that bid which will, in its opinion, best serve the public interest. The City of Rome reserves the right to waive any technicalities and formalities in the bidding.

That by submission of this bid the bidder acknowledges that the City of Rome has the right to make any inquiry or investigation it deems appropriate to substantiate or supplement information supplied by the bidder.

If a partnership, a general partner must sign.

If a corporation, the authorized corporate officer(s) must sign and the corporate seal must be affixed to this bid.

BIDDER:

Name

Title

Name

Title

AFFIX CORPORATE SEAL (If Applicable)

CERTIFICATE OF NON-DISCRIMINATION

In connection with the performance of work under this contract, the bidder agrees as follows:

The bidder agrees not to discriminate against any employee or applicant for employment because of race, creed, color, sex, national origin, ancestry or disability. The vendor shall take affirmative action to insure that employees are treated without regard to their race, creed, color, sex, national origin, ancestry or disability. Such action shall include, but not be limited to the following: employment, upgrading, demotion, transfer, recruiting or recruitment, advertising, lay-off or termination, rates of pay or other compensation and selection for training, including apprenticeship.

In the event of the bidder's non-compliance with this non-discrimination clause, the contract may be canceled or terminated by the City of Rome. The bidders may be declared, by the City of Rome, ineligible for further contracts with the City of Rome until satisfactory proof of intent to comply shall be made by the vendor.

The bidder agrees to include this non-discrimination clause in any sub-contracts connected with the performance of this agreement.

BIDDER

SIGNATURE

TITLE

NON-COLLUSION AFFIDAVIT

The following affidavit is to accompany the bid:

STATE OF

COUNTY OF

Owner, Partner or Officer of Firm

Company Name, Address, City and State

Being of lawful age, being first duly sworn, on oath says that he/she is the agent authorized by the bidder to submit the attached bid. Affidavit further states as bidder, that they have not been a party to any collusion among bidders in restraint of competition by agreement to bid at a fixed price or to refrain from bidding; or with any office of the City of Rome or any of their employees as to quantity, quality or price in the prospective contract; or any discussion between bidders and any official of the City of Rome or any of their employees concerning exchange of money or other things of value for special consideration in submitting a sealed bid for:

FIRM NAME _____

SIGNATURE _____

TITLE _____

Subscribed and sworn to before me this ____ day of 20__

NOTARY PUBLIC

CITY OF ROME

DRUG-FREE WORKPLACE CERTIFICATE

By signature on this certificate, the Bidder certifies that the provisions of O.C.G.A. Section 50-24-1 through 50-24-6 related to the “Drug-Free Workplace Act” will be complied with in full. The Bidder further certifies that:

1. A drug-free workplace will be provided for the Bidder’s employees during the performance of the contract; and
2. Each contractor who hires a subcontractor to work in a drug-free workplace shall secure from that subcontractor the following written certification: “As part of the subcontracting agreement with (contractor’s name), (subcontractor’s name) certifies to the contractor that a drug-free workplace will be provided for the subcontractor’s employees during the performance of this contract pursuant to O.C.G.A. Section 50-24-3(b)(7).”

By signature on this certificate, the Bidder further certifies that it will not engage in the unlawful manufacture, sale, distribution, dispensation, possession, or use of a controlled substance or marijuana during the performance of the contract.

Bidder: _____

By: _____

Name Printed: _____

Title: _____

Date: _____

CITY OF ROME, GEORGIA

E-VERIFY COMPLIANCE AFFADAVIT

By executing this affidavit, the undersigned contractor verifies its compliance with O.C.G.A. § 13-10-91, stating affirmatively that the individual, firm or corporation which is engaged in the physical performance of services on behalf of the City of Rome, Georgia has registered with, is authorized to use and uses the federal work authorization program commonly known as E-Verify, or any subsequent replacement program, in accordance with the applicable provisions and deadlines established in O.C.G.A. § 13-10-91. Furthermore, the undersigned contractor will continue to use the federal work authorization program throughout the contract period and the undersigned contractor will contract for the physical performance of services in satisfaction of such contract only with subcontractors who present an affidavit to the contractor with the information required by O.C.G.A, § 13-10-91 (b). Contractor hereby attests that its federal work authorization user identification number and date of authorization are as follows:

Federal Work Authorization User Identification number
(Not Required if Less than 10 Employees)

Signature (if less than 10 employees)

Date of Authorization

Name of Contractor/Company

Name of Project

Name of Public Employer

I hereby declare under penalty of perjury that the foregoing is true and correct.

Executed on _____, _____, 20____ in _____(city) _____ (state).

Signature of Authorized Officer or Agent

Printed Name and Title of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME
ON THIS THE _____ DAY OF _____, 20_____

NOTARY PUBLIC
My Commission Expires

CITY OF ROME, GEORGIA
SAVE COMPLIANCE AFFADAVIT
O.C.G.A § 50-36-1(e)(2) Affidavit

By executing this affidavit under oath, as an applicant for a (n) Contract or Services, as referenced O.C.G.A. C. § 50-36-1, from the City of Rome, Georgia, the undersigned applicant verifies one of the following with respect to my application for a public benefit:

- 1) _____ I am a United State citizen.

- 2) _____ I am a legal permanent resident of the United States

- 3) _____ I am a qualified alien or non-immigrant under the Federal Immigration and Nationality Act with an alien number issued by the Department of Homeland Security or other federal immigration agency. My alien number issued by the Department of Homeland Security or other federal immigration agency is: _____.

The undersigned applicant also hereby verifies that he or she is 18 years of age or older and has provided at least one secure and verifiable document, as required by O.C.G.A. § 50-36-1(e)(1), with this affidavit.

The secure and verifiable document provided with this affidavit can best be classified as: _____.

In making the above representation under oath, I understand that any person who knowingly and willfully makes a false, fictitious, or fraudulent statement or representation in an affidavit shall be guilty of a violation of O.C.G.A. § 16-10-20, and face criminal penalties as allowed by such criminal statute.

Executed in _____ (city), _____ (state).

Signature of Applicant

Printed Name of Applicant

SUBSCRIBED AND SWORN
BEFORE ME ON THIS THE
_____ DAY OF _____, 20____

NOTARY PUBLIC
My Commission Expires: