



City of Lompoc

ITB No 2846 ADDENDUM NO. 1

Digger Derrick

THE DATE TODAY IS: Thursday, March 09, 2017

Please note the following changes, additions and/or deletions to this procurement named above.

This solicitation is cancelled.

This Addendum may be acknowledged and returned on at your convenience. Addendum May Be Faxed to (805) 735-7628 or by email to purchasing@ci.lompoc.ca.us Thank you.

Ray Ambler
Purchasing and Materials Manager

Bidder's Acknowledgment: I/We the undersigned bidder hereby acknowledge this Addendum to RFP/BID No. [redacted].

(Please type or print)

COMPANY NAME

SIGNATURE OF AUTHORIZED REPRESENTATIVE

ADDRESS

AUTHORIZED REPRESENTATIVE (PLEASE PRINT)

CITY, STATE AND ZIP

TITLE

PHONE NUMBER

E-MAIL ADDRESS

FAX NUMBER

WEB PAGE ADDRESS

DATE
Document1



City of Lompoc

INVITATION TO BID NO. 2846

Digger Derrick

Dated: 2/27/2017

The City of Lompoc is currently soliciting bids for a **Digger Derrick**. Bids must be received by **2:00 pm, March 22, 2017**.

BIDS MUST BE DELIVERED TO: City of Lompoc Purchasing Division Offices, 1300 West Laurel Ave. Building 4A Lompoc, CA 93436. Bids delivered to any other City location may not reach the Purchasing Office on time. All bidders must submit one (1) original and one (1) copy of their bid for consideration by the Purchasing Office and the ordering department.

In order to be sure that you are listed as an "Registered Bidder" and advised of any addendums or changes please complete and fax to this office the "Registered Bidder Information Sheet" today **before you prepare and send your bid**. Not returning the Registered Bidder Information Sheet may be a reason for disqualification.

It is your responsibility to see that any bid submitted has sufficient time to be received by the Purchasing Office before the opening time. **Late bids will be returned unopened**. The receiving time in the Purchasing Office will be the governing time for acceptability of bid. Bids will not be accepted by telephone or facsimile machine. All bid/proposals must bear original wet signatures.

Ray Ambler
Purchasing & Materials Manager



“Registered Bidder Information Sheet”

To stay informed of any changes or modifications to this bid you must:

1. Complete this form (print or type your information).
2. Fax the completed sheet to (805) 735-7628. Or email to purchasing@ci.lompoc.ca.us

(Please type or print)

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**Altec Model DM47B; DM50 Digger Derrick
Aerial Device and Service Utility Body**

Specification No. 02-2017

1.0 SCOPE AND INTRODUCTION:

The following minimum specifications are intended to describe **one (1), truck cab and chassis, with 50 foot Insulated Hydraulic Aerial Device, and utility body installed and ready for service.** The unit proposed shall be a new unused current production year model and will have all standard equipment shown in the manufacturer's printed literature unless a specific and installed option makes the standard equipment unnecessary. The unit as proposed and built will conform to all applicable state, federal and local regulations in effect at the time of delivery.

If any of the equipment proposed varies from the specifications, such variation(s) must be listed in writing and attached as part of the proposal. If variation(s) list is not complete or if the information furnished does not substantiate that the proposal requirements are met, this will be cause for proposal rejection.

The City of Lompoc reserves the right to waive minor variations(s) if in the opinion of the Purchasing and Materials Manager the basic unit meets the general intent of these specifications. The unit shall be delivered to the City of Lompoc complete and ready for service. The aerial truck offered shall comply with the California Air Resources Board (ARB) definition of the Best Available Control Technology (BACT) for reducing diesel toxic particulate matter (PM) by providing a certified engine 2008 model year standard of 0.01 gram of PM per brake horsepower-hour (g/bhp-hr), for the new truck. Vendor shall supply CARB Executive Orders certifying all proposed engine(s), Reference: Item 3.8, Engine.

Each bidder shall show all warranties and any cost associated with servicing said warranties. Coverage shall be shown for the complete unit, basic truck and installed equipment and accessories.

This specification describes a 50 foot hydraulically aerial device mounted to cab & chassis with service utility body to perform electrical line work within the City of Lompoc. Insulated aerial device requirements shall include an insulated lower boom, an insulated upper boom and a dielectrically tested insulated control handle, with upper control isolation system at the boom tip to offer an additional layer of secondary dielectric protection for the operator.

2.0 GENERAL REQUIREMENTS:

- 2.1 The chassis engine shall power all components of the machine. The use of additional engine(s) shall not be acceptable and be considered non-responsive due to increased costs of maintenance and fuel.
- 2.2 Manufacturing, materials, and design practices. It is intended that the manufacturer in the selection of components will use material and design practices that are the best available in the industry for the type of operating conditions to which the unit(s) will be subjected. Engine, suspension, wheels, tires and other component parts shall be selected to give maximum requirements of this specification. All parts, equipment and accessories shall conform in strength, quality of material and workmanship to recognized industry standards.
- 2.3 Manufacturer's specification.
Complete specifications, published literature and photos or illustrations of unit proposed shall be furnished with proposal.

Only new models in current production which are catalogued by the manufacturer and for which printed literature and specifications are available will be accepted.

2.4 Manufacturer's standard equipment.

All equipment and components listed as standard by the manufacturer for model proposed shall be furnished whether or not such items are detailed herein, e.g., special wrenches, tool kits, jacks – adequate to safely lift the vehicle when loaded to rated capacity, etc. Optional equipment as necessary to meet the following requirements of this specification shall also be supplied.

Specifications on the following pages are written with intent to meet all applicable documents but the final certification to comply shall rest with the vendor and not the City of Lompoc. Should requirements as specified not comply, the manufacturer is required to refigure and revise the specifications to meet all laws, rules and regulations where it applies to items such as the ratings of axles, tires, wheels, brakes, batteries, cooling capacity, etc., and the City of Lompoc is to be notified thereof.

Purchaser will not accept any part, component or system, which is not an established standard product of the proposing manufacturer. By this is meant that any item or assembly which, relative to the supplying manufacturer's standard line of products, could be described as "first of its kind", "experimental", "only one of its kind to be built", "especially modified to comply with this specification", "prototype", or synonymous categorical descriptions, shall not be acceptable. All parts and components of the system offered and delivered must conform to the manufacturer's standard production or be off-shelf available as a standard hardware production item.

- 2.5 Manuals and Software. Furnish two (2) complete sets of operation, parts, maintenance, and repair manuals including electrical schematics for cab and chassis as well as the aerial device system. This shall include diagnostic software for interface with cab, chassis, and engine and is to be compatible for use with a 9-pin RS232 serial port laptop computer, if applicable.
- 2.6 Training. The successful contractor shall provide a qualified, factory-authorized service representative to give instructions to the operators and maintenance personnel to assure correct operation of the machines after the vehicle has been readied for service by City personnel. Duration of training shall be determined by City of Lompoc representative.
- 2.7 Hose and wiring routing. All hoses, wires and pipes shall be routed to be clear of heat sources and shall be routed, secured otherwise protected from any present or potential source of snags, abrasions or sharp edges.
- 2.8 Control labeling. All operator controls shall be clearly labeled as to function and operational position(s).
- 2.9 License Plates. Exempt license plates and certified weight certificate, shall be furnished to the City at the time of vehicle delivery before payment can be made. Vehicle shall be registered to: City of Lompoc, 1300 W. Laurel Ave., Lompoc, CA 93436. Vendor shall obtain unit number and Lien Holder (if applicable) information from city representative before registering vehicle.
- 2.10 Pre-delivery inspection. At the Vendor's expense; shall provide travel, separate lodging, and meals for two (2) City Representatives for the purpose of pre-inspection at the manufacturing site. The pre-delivery inspections shall be

accomplished when the unit(s) are more than 80% (percent) complete.

- 2.11 Warranty. The unit shall have a minimum of one (1) year warranty against defects in materials and workmanship. The warranty shall cover both parts and labor and begin at the in-service date. Any extended warranty packages for the cab & chassis, aerial device, and body assembly shall be provided for City consideration.
- 2.12 Rechargeable fire extinguisher with metal valves (not plastic) and bracket, 5 LB., day chemical shall be provided. Ship loose. **Note: Fire extinguisher must have current certification tag attached.**
- 2.13 Backup indicator, an audible device, which can be heard above 107 dba of noise when transmission is placed in reverse gear.
- 2.14 A triangle flare kit (Ref. Grote 71422) or equal, with mounting bracket shall be provided. Ship loose.
- 2.15 Before delivery to the City of Lompoc and before acceptance by the City – all spring “U” bolts, etc., shall be re-torqued to factory specification by hand using torque wrench. (Impact wrench – not acceptable).
- 2.16 Applicable documents and certifications:

Federal Motor Vehicle Safety Standard, Department of Transportation.
State of California Motor Vehicle Code.
State of California General Industrial Safety Orders
State of California Health and Safety Code, Motor Vehicle Pollution Control.
California Occupational Safety and Health Act (O.S.H.A.) and the E.P.A.
Society of Automotive Engineering Standards.
American Society of Mechanical Engineers (A.S.M.E.).
American National Standards Institute (A.N.S.I.)
California Air Resources Board (ARB) engine particulate matter compliance

- 2.17 Quantities (additional), The quantity is based upon current known requirements and is subject to increase at the same terms and conditions if mutually agreeable to both parties.
- 2.18 Cooperative Purchasing
If mutually agreeable to both parties, the use of any result contract may be extended to other government agencies. It shall be understood that all terms and conditions as specified herein shall apply. The City of Lompoc will not be an agent, partner, or representative of any other government agency as it relates to this specification; and is not obligated or liable, including, but not limited to, payment for an order placed by any other government agency.

3.0 TECHNICAL REQUIREMENTS – CAB & CHASSIS:

- 3.1 CAB AND CHASSIS GVWR: 35,000
Current model year Freightliner M2 106 4X2 or equal.
Cab to Axle: 120 inch
Wheelbase: 190 inch Wheelbase.
Specifications cover a diesel-fueled, two-axle, cab and chassis that incorporates the

latest improvements and technologies, and ready for installation of the aerial device and utility service body.

- 3.2 GVWR: 35,000 pounds
FAWR: 14,000 lbs.
RAWR: 21,000 lbs.
- 3.3 C/A dimension shall be the shortest possible consistent with proper weight distribution. Actual dimension to be specified by aerial device and utility body manufacturer. Vehicle shall have proper weight distribution to obtain maximum front and rear axle weight equally.
- 3.4 FRAME: The frame shall be heavy duty, Constructed of alloy steel, with a Resisting Bending Movement (RBM) 2.0 million rated, Minimum 120,000-PSI Yield, section Modulus 21.6 for end application for 55 foot aerial device and steel utility service body. The bidder shall specify the RBM of frame.
- 3.5 The frame shall have a sufficient number of cross members to provide torsional rigidity and to support the frame rails where the fuel tank(s) and rear suspension assemblies shall be mounted. A cross member shall be installed at the extreme end of the frame.
- 3.6 If heat-treated frame is provided, it shall not be heated or welded during the body installation.
- 3.7 Two (2) tow hooks supported and braced into frame rails shall be provided and installed, one on each front frame horn. Hooks shall be capable of towing fully loaded vehicle.
- 3.8 ENGINE:
The aerial truck offered shall comply with the California Air Resources Board (ARB) definition of the Best Available Control Technology (BACT) for reducing diesel toxic particulate matter (PM) by providing certified engine(s) 2008 model year standard of 0.01 gram of PM per brake horsepower-hour (g/bhp-hr).
- Each bidder shall show all warranties and any cost associated with servicing said warranties. AN ultra-low sulphur fuel diesel fueled, electronically controlled, turbo charged, after cooled engine developing a minimum of 300 horsepower @ 2200 RPM and with 860 lbs.-ft of torque @ 1,300 RPM. Must have replaceable cylinder liners. To minimize costs for stocked parts, reduce mechanic training, and standardization of diagnostic programs and equipment: Acceptable engines are CAT, or Cummins ISC 300. Engine must comply with current California Environmental Protection Agency Standards and Regulations. Vendor shall supply CARB Executive Orders certifying all proposed engine(s).
- a. The oil filter(s) shall be a spin on type.
 - b. The engine shall be equipped with an engine brake.
 - c. The air cleaner shall be a heavy duty type with a replaceable element. It shall have the largest filter area available.
 - d. The vehicle shall have an electronic tachometer and electric hour meter. The hour meter shall be wired to the fuel solenoid switch. Wiring the hour meter to the ignition switch shall not be accepted.
 - e. An automatic safety shutdown system shall be installed. The system shall be of the engine manufacturers design to prevent engine damage due to low oil pressure, high water temperature and low coolant level. The system shall be an integral part of the engines electronic control unit.
- 3.9 COOLING SYSTEM: The cooling system shall be heavy duty, pressurized, and thermostatically

controlled. The vehicle shall have a thermostatically controlled or viscous, clutch fan.

- a. The cooling system shall be equipped with a de-aeration system. Gates Blue Stripe EC/R hoses shall be used throughout. The radiator shall have a minimum of three (3) inch core.
- b. The radiator shall be capable of dissipating a minimum of 350,000 BTU's per hour. The radiator shall not have shutters. The coolant shall be extended life type antifreeze. The system shall be protected by a spin on coolant filter
- c. The radiator shall be capable of meeting above requirements with incoming air preheated by a transmission cooler and with an ambient air temperature of 115 degrees Fahrenheit.

3.10 FUEL SYSTEM: Shall have a minimum full tank capacity of 50 gallons, and have both primary and secondary fuel filters. Mount left hand side.

3.11 EXHAUST SYSTEM: The exhaust system shall be single exhaust system, vertically mounted, with the appropriate connections, guards and/or shielding. The shield shall afford 360 degrees protection to prevent injury to operators or mechanics. The exhaust pipe shall be mounted on the right side of the chassis and shall have a right turnout, rain cap is not acceptable. Fuel/water separator shall be provided.

3.12 ELECTRICAL:

- a. The vehicle shall have a 12-volt negative ground system and a remote shut off at the battery box.
- b. The batteries shall be three (3) 12 volt 145 amp, CCA 2280 minimum. The batteries shall be the highest amperage available. The bidder shall specify the number of batteries as well as their individual and combined ampere-hour rating.
- c. Automatic resetting circuit breakers on all circuits.
- d. The starting and charging circuits shall be a 12-volt system. 24-volt systems are not acceptable.
- e. The alternator shall be a minimum 160-ampere, Delco Remy or approved equal. The bidder shall specify make, model, and amperage of the alternator. Less than 160-ampere alternator is unacceptable.
- f. All wire, terminals or connectors exposed to dirt and moisture shall be adequately protected. Whenever possible, wires shall be grouped into harnesses and properly supported on rigid members to prevent abrasion and flexural failure.
- g. All vehicle clearance, marking, stop and taillights shall conform to current State and Federal codes. These lights, with the exception of cab mounted clearance lights shall be light emitting diode (LED) type. Headlamps shall be halogen type sealed beam. Bidder shall specify make, model of lights. If specified type lights are not available, please explain why they are not available and what type of lights will be included.
- h. All electrical wiring connectors to be automotive double-seal, with wiring in spilt

convoluted loom.

- i. All wiring connections to be soldered with rubber-molded covering or crimp type connectors with shrink-wrap. Unprotected wiring in any application is unacceptable.
- j. All wiring which passes through partitions or bulkheads shall have rubber grommets to prevent chafing
- k. There shall be no splices between the junction box(s) and components
- l. All wiring must be color-coded. All wires, wire harnesses, terminals or connectors subject to dirt and moisture shall be adequately protected. Whenever possible, individual wires shall be grouped into harnesses and properly supported on rigid members to prevent abrasion and flexural failure.
- m. Wire looms shall terminate at components or junction boxes, which shall be plainly labeled to show function and indicate color code
- n. Units must conform to the best practice known to the body trade in design, quality of material and workmanship.

3.13 TRANSMISSION:

- a. Transmission shall be an Allison World 3000 RDS, or approved equal. Application to be compatible with manufacturers brake package. Transmission shall be equipped with low transmission oil level sensor. PTO function to be operated through the Allison transmission ECU.
- b. Shall be equipped with modulated lock up and heavy-duty P.T.O. drive gear of correct capacity for use with the engine provided.
- c. The transmission shall have a frame cross member support at the rear.
- d. Transmission oil cooler shall be the standard oil cooler integral to the Allison transmission.
- e. Selector – Lever Type.

3.14 FRONT AXLE:

- a. FAWR of not less 14000 pounds minimum rated capacity.
- b. Suspension rating, to accommodate FAWR as indicated Item 3.14a.
- c. Power steering.

d. Shock absorbers, rated for axle

3.15 FRONT WHEELS and TIRES: Two (2) each 1222.5G (Goodyear) 16 Ply.

Wheels to be steel, disc type, 22.25 X 8.25 10 hub pilot. One (1) each spare front wheel and tire to be included.

3.16 REAR AXLES, WHEELS AND TIRES:

- a. Rear axle shall have minimum capacity rating at 21,000 pounds capacity. Single speed unit; single reduction design. Bidder shall specify rating of the axle. 6.43 Rear Axle Ratio.
- b. Suspension rating, 23,000 pounds capacity.
- c. Four (4) each 11R22.5G (Goodyear) 14 Ply. Wheels to be steel, disc type, 22.5 X 8.25, 10-hub pilot. One (1) each spare rear wheel and tire to be included.

3.17 BRAKES:

- a. All brakes and the component parts of the brake system shall meet the Department of Transportation rules and regulations, and also the Laws of California State Vehicle Code.
- b. The front axle may not have disc-type brakes. The drum-type front brakes shall be 16.5 inches by 5 inches minimum, S-cam type with dust covers and automatic slack adjusters.
- c. The rear brakes shall be 16.5 inches by 7 inches minimum, S-cam type with dust covers and automatic slack adjusters.
- d. Air brake trailer hand control valve shall be provided.
- e. The air compressor shall be a 18.7 C.F.M. output (minimum). The discharge line of the air compressor shall be braided; rigid tubing coming directly from the compressor shall not be accepted
- f. The vehicle shall be equipped with three (3) air tanks. All tanks shall be equipped with pull-cord type drain valves readily accessible from the side of the vehicle. The air tanks shall be of sufficient capacity to accommodate the end application.
- g. The system shall have an Air Dryer installed.

3.18 STEERING:

- a. The vehicle shall be equipped with power steering designated to ensure that front wheels will return to straight ahead position when steering wheel is released

3.19 DRIVE SHAFT:

- a. The drive shafts shall be heavy-duty. Maximum length of any shaft is not to exceed (6) feet. U-Joints shall be heavy-duty.

3.20 STANDARD CAB:

- a. New current production standard cab.

- b. Any cab modification shall not interfere with the operation of the original steering and braking controls provided by the chassis manufacturer.
- c. The cab and/or platform shall meet all applicable Federal and State standards, rules, and regulations.
- d. Safety seat belts installed in the cab, with outside belts to be equipped with automatic retractors for both the operator and passenger
- e. One air and one electric horn.
- f. Grab handles outside cab on both sides.
- g. Vehicle to be equipped with normal recessed instruments and control devices, including audible low air alarm, engine tachometer, hour meter, speedometer, oil pressure, dual air pressure, engine water temperature, fuel gauge, voltmeter, engine oil temperature, engine shutdown system alarm and transmission temperature gauge with an over temperature indicator light and test button. Oil and coolant warning lights and buzzers. Engine hour meter, Electric backup alarm.
- h. Dome light.
- i. Dual padded sun visors.
- j. Fresh air, heater, defrosters and manufacturer installed air conditioner with variable speed switch to be of type and size recommended by manufacturer of vehicle, R134 system.
- k. Windshield wipers shall be air or electrically operated with variable speed control and stop position
- l. West coast mirrors 7" X 16" stainless steel with and auxiliary mirrors convex type 8" stainless backs mounted on main mirror bracket.
- m. Factory installed AM/FM radio.
- n. Seating: Adjustable driver seat and two-man bench seat. Heavy-duty Mordura seats, Gray color.
- o. Tilt steering column.

3.21

Questionnaire for truck and chassis. FILL IN ALL APPLICABLE ITEMS AND
SUBMIT WITH PROPOSAL.

4.0 TECHNICAL REQUIREMENTS – BODY:

4.1 SERVICE UTILITY BODY CAPACITY AND CONSTRUCTION:

These specifications cover a Service Utility Body with storage compartments and accessories required in the City of Lompoc Electric Division working environment. The aerial truck body will be constructed and installed on a two-axle truck chassis as specified. The aerial body manufacturer shall furnish to the cab and chassis manufacturer the required wheel base

dimensions for the service utility body to comply with these specifications. No section(s) of the service utility body shall have exposed cut-outs or holes. **Note: Complete drawings or prints illustrating dimensions and location of compartments & component assemblies shall be provided with bid package and shall be approved before bid award.**

- 4.2 THE SERVICE UTILITY BODY: shall be suitable for installing on any chassis with a 120 inch clear Cab to Axle (C/A), built in accordance with specifications provided.
- 4.3 THE SERVICE UTILITY BODY: Shall be fabricated from A60 grade 100% zinc alloy coated steel with the following gauge thickness:
- a. 16 gauge outside panels
 - b. 16 gauge top panels
 - c. 14 gauge end panels
 - d. 20 gauge inner door panels
 - e. 20 gauge outer door panels
 - f. 18 gauge shelving, spangled steel
 - g. 14 gauge wheel panels
 - h. 12 gauge steel floor, formed checker plate
 - i. Structural channel crossmembers
 - j. Galvannealed tread plate installed on top of body compartments
 - k. Wheel chock holders installed one on each side of body in fender panel
 - l. Modular body design. All verticals contain adjustable modular clip panels on each side of compartment to allow interchangeable usage of either shelves, sliding hooks, material pegs, or closet rods.
- 4.5 BODY DIMENSIONS
- a. Maximum width: outside 93"
 - a. Maximum overall length of the body: 152"
 - c. Compartment depth: 18 inch
 - b. Body height, inside 46"
 - c. Floor width: 57"
- 4.6 RIGHT SIDE COMPARTMENT DIMENSIONS (CURB SIDE):
- a. First Vertical: Six (6) material hooks, swivel locking, (1-4-1).
 - b. Second Vertical: Four (4) adjustable shelves with removable dividers on 4-inch centers.
 - c. Third Vertical: Access steps to cargo area (Tread plate) with grab handles, hinged (with door prop), lock keyed like compartments.
 - d. Horizontal: Two (2) fixed shelves with removable dividers on 8-inch centers.
 - e. Rear Vertical: Two (2) adjustable shelves with removable dividers on 4-inch centers. Shortened height to allow for outrigger installation.
- 4.7 LEFT SIDE COMPARTMENT DIMENSIONS (STREET SIDE):

- a. First Vertical: Four (4) adjustable shelves with removable dividers on 4-inch centers.
- b. Second Vertical: Four (4) adjustable shelves with removable dividers on 4-inch centers.
- c. Third Vertical: Six (6) material hooks, swivel locking, (1-4-1).
- d. Horizontal: One (1) plain fixed shelf extending through rear vertical compartment and installed mid-height on horizontal.
- f. Rear Vertical: top portion incorporated into horizontal compartment, lower portion is vacant. Shortened height to allow for outrigger installation.
- e. Through Shelf: From front of second vertical to rear of left side (no hot stick brackets) and rear access door.

4.8 BODY REQUIREMENTS - STRUCTURE:

- a. Basic body shall be fabricated from A60 grade 100% zinc alloy coated steel.
- b. All doors shall be full, double paneled, self-sealed with built-in drainage. Shall be Electro-zinc plated, steel hinge rods extend full length of door. Door hinges shall be zinc alloy materials with rivets.
- c. All doors shall contain zinc plated flush type, single point paddle type locks with recessed handles, including standard keyed locks and adjustable two-stage strikers. Door handles shall be riveted to the outer door panel. Back panel shall have opening for easy access.
- d. The body shall have heavy-gauged welded steel base construction with safety tread floor.
- e. All doors shall have door header drip rail at top for maximum weather protection.
- f. All wheel fender panels shall have neoprene fenders.
- g. Shall provide automotive type non-porous door seals mechanically fastened to the door facing.
- h. Rear Platform extension shall be 30 inches and mounted on top of sub frame extension. To include through box, 6" tall X length and width of tail shelf, with drop down doors street side and curbside, keyed same as body.
- i. Cable steps, one on each side of rear shall be provided.
- j. Grab handles, installed on each side at rear, handle to connect to rear of body shall be provided.
- k. Compartment top access steps, shall be installed behind curbside and street side compartments in cargo area.

- l. Access steps shall be installed on top of compartments for access to platform.
- m. Rigid gripstrut access step shall be installed under curbside body access.
- n. Security lock system, spring loaded in open position shall be installed to allow left side compartments to be padlocked at the rear of the body. Right side rear compartments may be padlocked at the rear. Right side front compartments may be padlocked at the front. Padlocks are to be furnished by the City of Lompoc.
- o. All keys for body and boxes shall be #CH502.

4.9 BODY REQUIREMENTS - ACCESSORIES:

- a. Boom rest shall be installed between front of body and back of chassis & cab.
- b. Splash aprons shall be installed.
- c. Rubber dock bumpers shall be installed one each side at rear.
- d. Triangle reflector kit shall be provided, ship loose.
- e. Five pound fire extinguisher with mounting bracket shall be provided with current recharge tag, ship loose.
- f. Heavy duty pintle swivel (rough terrain type), with chassis frame reinforcement and two (2) safety chain rings shall be provided.
- g. Glad hands for trailer brakes shall be provided.
- h. Box, 78"L X 13"W X 18"H shall be installed street side compartment top even with front of body and cargo side of compartment with full drop down door that opens to bed area with 90 degree chain stops. Piano hinge and paddle latch keyed same as body shall also be provided.
- i. Ladder rack brackets, shall be installed street side compartment top, behind storage box, facing outboard. First bracket installed 20" from front of body, second bracket installed 103" from first bracket. If required City representative will provide additional information.
- j. Box, 36"L X 18"W X 18"H shall be installed rear of 2nd vertical, curb side compartment, top even with cargo side compartment, with drop down door that opens to bed area with 90 degree chain stops. Piano hinge and paddle latch keyed same as body shall also be provided.
- k. Cooler rack, P/N 0685-00004, sheet metal with strap to hold 2 gallon Igloo, shall be installed curb side compartment top forward of 3 foot storage box. Cooler spout to face curbside.
- l. Cone holder shall be installed front street side of outrigger leg.
- m. 2 each Outrigger Pad holder(s) shall be installed on each side under front of body curbside and streetside.
- n. Shall provide Jib Holder, square tube with liner to prevent scratching jib. Ship loose.

- o. Safety step lights shall be installed to provide ease of entry into the service utility bed.
- p. The vehicle shall be equipped with mud flaps at the front wheels sufficient to protect the cab and service utility body from road dirt from the front tires. Dual rear wheel mud flaps shall be required and conform to California Vehicle Code.
- q. Interior color shall be gray.
- r. Exterior color shall be white.
- s. PAINT:
 - 1). Primer shall be compatible with finish coating. Extra care will be taken at welded areas to insure proper bonding will occur. The seal coat shall be painted using Sikkens Autocoat LV epoxy primer in an amount necessary to achieve a dry thickness of one (1) mil., (or equal to).
 - 2). Finish coat to be a high luster and shall be applied using Sikkens Autocryl/acrylic urethane (or equal to). Body color to match the cab manufacturer's standard white. The under part of the body from outside the frame rail to approximately 9" up the outside radius shall receive additional treatment to protect against rock and gravel chips shall be. Frame shall be manufacturer's standard black and wheels shall be manufacturer's standard white.
 - 3). All M.S.D.S. sheets shall be provided upon delivery.

4.10 BODY REQUIREMENTS – ELECTRICAL ACCESSORIES:

- a. Install LED lights and reflectors in accordance with FMVSS#108 lighting package.
- b. Install trailer receptacles, 4, 6, & 7 pin at rear. City representative shall provide Manufacturer and part number. 7-Pin shall be Phillips 16-730, SAE-J560B Round Connector.
- c. Install amber strobe light at left side of boom rest with switch on dash.
- d. Shall provide Outrigger Motion Alarm, to sound audible alarm when any of the outriggers are in motion.
- e. Shall install backup alarm, installed in rear.
- f. Hour meter shall be installed to record PTO operating hours.
- g. Install modular in-cab accessory switch panel with dual lit switches for function identification and function activation.
- h. Install electric brake controller in cab wire to rear with 6-pin receptacle.
- i. Install work lights, sealed beam, one mounted on each side of the boom rest facing to the rear, master switch in cab.

- j. Install radio remote control spotlight, Starbeam, to be installed on curbside of the boom rest. City representative shall provide manufacturer and part number.
- k. Shall install flashing warning light, amber, mounted on streetside rear corner of body, wired to strobe light switch in cab.
- l. Shall install LED rope type compartment lights, to be installed on top and sides of compartment(s) interior, wired to switch in cab.
- m. The vehicle shall be equipped with an external audible warning signal conforming to CAL OSHA standards indicating when the vehicle is in reverse. The alarm must be automatic and sound when transmission is shifted into reverse. The minimum audible level must be no less than 107 decibels. (Reference Item 2.13)

5.0 TECHNICAL REQUIREMENTS – 55 FOOT AERIAL DEVICE:

- 5.1 Shall provide 55 ft. articulating overcenter aerial device with insulated lower boom, insulated upper boom and a dielectrically tested insulated control handle, with upper control isolation system at the boom tip, for installation over rear axle, built in accordance to standard in this specification and the following features:
The aerial device manufacturer must be ISO 9001.2000 certified and a copy of the manufacturers ISO Certification must accompany this bid. **(No Exceptions)**. The equipment furnished shall conform to ANSI and OSHA standards.
 - a. Ground to Bottom of Platform Height shall be 56 ft at 4 feet from centerline of rotation.
 - b. Working height: 61 feet.
 - c. Maximum reach to edge of platform with upper boom overcenter: 48.8 feet.
 - d. Maximum reach to edge of platform with upper boom non-overcenter and lower boom at 124 degrees: 43.4 feet at 25.7 foot platform height.
 - e. Pedestal and Turntable shall be box structure design with large service openings, 1.55 inch top plate of pedestal and stiffened one (1) inch bottom plate of turntable machined after welding to provide a rigid flat mounting surface for the rotation bearing.
 - f. Rotation shall be continuous rotation provided by worm gear drive equipped with extended shaft for manual rotation, driving a shear ball bearing rotation gear. The fully adjustable rotation drive assembly shall include an external eccentric ring adjustment of the gearbox pinion gear to the main rotation bearing permitting the ability to easily adjust backlash, to reduce boom side play and ensure proper tooth contact over the life of the unit.
 - g. Lift Cylinders: The rod eye shall be both thread and weld fastened to the rod while the blind end of the cylinder is of cast steel, one piece design which will house internal (unexposed) cartridge-type, bi-directional counter balance holding valves. Shall provide self-aligning, spherical ball-type bushings used at each end of the cylinder.
 - h. Lower boom shall be constructed of two fixture-welded, 80,000-PSI yield, high strength low alloy steel side plates. Insulator shall provide 24 inches of isolation in the lower

- boom. The inner surface of the fiberglass insulator shall have a wax coating molded in during manufacture to provide a dry smooth inner surface, which will cause moisture to bead. The outer surface shall have a smooth gelcoat finish. The lower boom articulation shall have 0-degrees to 124-degrees on extended reach.
- i. Lower boom stow protection shall be provided to help prevent excessive down pressure by boom structures when stowing.
 - j. Lower boom pivot pin shall be high strength chrome plated steel with self-lubricating, replaceable, non-metallic bearing.
 - k. Upper boom shall utilize a fixture welded high strength low alloy steel structure designed to accept a fiberglass upper boom section. Steel/glass attachment shall be bolted and bonded. The fiberglass section shall provide a minimum of 150 inch of isolation in the upper boom. The inner surface of the fiberglass boom shall have a wax coating molded in during manufacture to provide a dry, smooth inner surface which will cause moisture to bead. The outer surface shall have a smooth gelcoat finish. Upper boom articulation shall have 0-degrees to 210-degrees.
 - l. Boom linkage, walking link design shall feature uniform speed of upper boom and provide smooth continuous, self-adjusting operation.
 - m. Side by side boom stow design shall offer low travel height, low center of gravity and shall provide for easy platform access.
 - n. Upper boom hold down device shall have automatic locking system.
 - o. Platform leveling system shall be leveled by a single leveling chain with fiberglass rods in upper and lower boom, and shall be designed to maintain the dielectric integrity of the aerial device. Controls for tilting the platform shall be located at the platform. The mechanism for tilting the platform shall include one dual acting cylinder incorporating counterbalance load holding valves to lock the platform in the event of hydraulic line failure.
 - p. The platform shall be totally enclosed fiberglass.
 - q. The dielectrically tested insulated upper control system shall include the following boom tip components that shall provide an additional layer of secondary electrical contact protection.
 - 1). Control handle shall be an insulated single handle controller that shall be dielectrically tested to 40 kV AC with no more than 400 microampers of leakage. The control handle shall be green in color to differentiate it from other non-tested controllers. The handle shall also include an interlock guard that shall reduce the potential for inadvertent boom operation. Handle shall be single pistol grip.
 - 2). Auxiliary control covers shall be non-tested blue silicon covers for auxiliary controls.
 - 3). Control Console shall have a non-tested non-metallic control console plate.
 - 4). Boom tip covers shall have a non-tested non-metallic boom tip covers. The covers shall not be dielectrically tested, however they may provide additional protection against electrical hazards.

- r. Outrigger/boom interlock system shall be provided to prevent operator from using unit until all outriggers are lowered.
- s. Outrigger/unit selector control shall be located near the outrigger controls to allow the operator to divert hydraulic oil from the machine circuit for outrigger operation. This safety feature shall reduce the potential for inadvertent outrigger movement during machine operation if outrigger controls are bumped.
- t. Outrigger motion alarm shall provide audible alarm when any of the outriggers are in motion.
- u. Two (2) operator's and two (2) maintenance/parts manuals shall be provided for the Aerial Device, component assemblies, and wiring diagrams.
- v. Aerial Device paint shall be white with a powder coat paint process which shall provide a finish-painted surface that is shall be highly resistant to chipping, scratching, abrasion and corrosion. Paint shall be electro-statically applied to the inside as well as outside of fabricated parts then high temperature cured prior to assembly to ensure maximum coverage and protection.
- w. An automatic upper boom latch shall be provided.
- x. Pilot pressure (closed center pressure compensating) shall operate at 350 to 3,000 PSI and 17 gpm. The system shall be a closed center, pressure compensating twist style. Controls handle shall point away from elbow.
- y. Hydraulic System shall be a high efficiency, pressure compensating, load sensing type and shall provide hydraulic pressure and flow on system demand.
 - 1). The pump shall be a high efficiency pressure compensating load sensing piston pump capable of producing a maximum pressure range of 350-2500 PSI with flow range of 0 to 15 gpm.
 - 2). The oil reservoir shall be a minimum of 30 gallons and shall have a gasketed access cover, with breather filler cap with dip stick and strainer, suction line to be equipped with shut off valve, and return line to be equipped with 10 micron, replaceable, cartridge type filter.
- z. Shall provide a power distribution module (or equal), which will be compact self-contained electronic system that provides a standardized interface with the chassis electrical system. The power distribution module shall be composed of a main board, designed to be mounted behind the driver's seat, inside the cab. Additional modules plug-in to accommodate various options such as engine start/stop, variable throttle control, power take off, interface with the Allison World transmission and engine speed control module for specific engines and chassis. The power distribution module shall also provide up to 16 accessory circuits to control other City of Lompoc specified electrical components. The power distribution module shall include built in test capabilities and diagnostic input, output, and status LED's to quickly assess the power distribution performance. All components shall be circuit board mounted to facilitate replacement.
- aa. Platforms shall be two (2) each, one-man, side-mounted – Dual Controls, 24" X 30" X 42" platforms and shall be rated up to 350 lbs. each. Platforms rotate 90 degrees to end of

boom with a rotator. Shall include two sets of quick disconnects and controls for hydraulic tools on each platform.

bb. Hydraulic extend jib shall be provided. The material handling, hydraulically articulated jib shall provide -30 degrees to +90 degrees tilt angle (relative to the upper boom). Jib shall be hydraulically extended to 54.4 inches from mounting shaft to load line. The jib shall be able to hydraulically extended and retracted in two 18-inch increments for a total of 36 inches under full load. Jib/Winch package shall include the following.

- 1). Capacities up to 2000 pounds based on boom position.
- 2). Load chart based on platform configuration.
- 3). Hydraulically extendible jib telescopes in and out 18-inches. Jib shall be manually re-pinned under load and telescoped an additional 18-inches for a total movement of 36-inches under load.
- 4). Hydraulically powered winch shall be provided that is rated to 2,000 pounds full drum, mounted on end of upper boom and shall include 80 feet of ½ inch double-braided synthetic rope.
- 5). Shall provide an auxiliary winch line control valve at turntable.

cc. Minimum jib rating: Shall be applied to extended reach version machines with the lower boom beyond 100 degrees.

dd. Shall provide Category B, 46kV and below, shall include lower test electrode system.

ee. Outrigger, A-frame with flat-shoe, shall provide 149 inch maximum spread and weights 1,050 pounds.

ff. Outrigger, X-frame with fold-up shoe, shall provide 174 inch maximum spread and weights 1,500 pounds.

gg. Shall provide remote engine start/stop with secondary stowage system – captive air from platform as above with DC electric powered secondary stowage system, shall include pump and continuous duty motor, shall operate from truck battery. Shall be installed on individual platforms and lower control station and outrigger controls.

hh. Shall provide 12 VDC electrical system voltage.

ii. Soft covers for two (2) each platforms shall be provided.

jj. Polyethylene liners for 2 each platforms, 50 kV rating minimum, shall be provided.

kk. Jib adapter for A. B. Chance hot line tools shall be provided.

ll. Shall provide Phase lifting jib attachment for insertion into jib furnished with jib/winch package, shall include single-phase holder.

mm. Shall provide Hook, material handling, 1-ton with latch, shall be installed on end of aerial winch line.

- nn. Shall provide hydraulic tool circuit with one set of quick disconnect couplings and control valve. Shall be installed at tailshelf to supply 8 gpm and 2,000 PSI to operate either open or closed center tools.
- oo. Rubber wheel chocks (Pair) 10 inches long X 9 inches wide X 5-3/4 inches high shall be provided.
- pp. Shall provide fall protection system to include two (2) each body harness and decelerating type lanyard. Harness shall have adjustable slide buckle on shoulder traps, Velcro chest strap, interlocking buckles on leg straps and nylon web loop fall protection attachment on back. Lanyard has built in shock absorber that allows 28 inches of automatic adjustability. Shall conform to ANSI and OSHA standards.
- qq. Access steps to platform shall be provided.

5.2 AERIAL DEVICE AND HYDRAULIC ACCESSORIES:

- a. Power take-off shall be installed in conjunction with Allison World automatic transmission.
- b. The upper boom/lower cylinder (rod exposed in stowed position) shall provide extended durability chromed rod for use in harsh environmental conditions.
- c. Shall provide subbase assembly consisting of 6" X 4" rectangular tubing on each side for mounting of pedestal and outriggers. The subbase shall provide torsional stiffness and strength. Subbase assembly shall have subbase storage with drop down door at rear. Stop at 11 feet.
- d. Shall provide two (2) each holders (Part Number 8130-00204), for impact wrench, which mounts to lip of the platform, hangs outside platform.
- e. Shall provide two (2) each holders (Part Number 8130-00205) for chainsaw, which mounts to lip of the platform, hangs outside platform.
- f. Provide four (4) each outrigger pad plywood, 3" X 18" X 18".
- g. Provide 30-gallon reservoir, installed inside pedestal, with sight and temperature gauge.

5.3 AERIAL DEVICE INSTALLATION:

- a. Mounting aerial device shall be installed on the chassis.
- b. Aerial device shall be painted white with a powder coat paint process which provides a finish-painted surface that is highly resistant to chipping, scratching, abrasion, and corrosion. Paint is electro-statically applied to the inside as well as outside of fabricated parts then high temperature cured prior to assembly ensuring maximum coverage and protection.
- c. Mounting body shall be installed on the chassis.

- d. Safety and Instructional signs, placards shall be installed where applicable.
- e. Vehicle height placard shall be installed in view of the driver.
- f. DOT certification of completed vehicle shall be provided at time of delivery for stability and dielectric testing.

6.0 OTHER REQUIRMENTS

6.1 All equipment catalogued, as standard shall be furnished whether or not it is listed in the previous specifications

6.2 BOOKS, MANUALS AND TECHNICAL INFORMATION: Complete and accurate copies (2 sets) of the following items shall be furnished at the time of delivery of the completed unit to the City of Lompoc:

- a. Operators instruction manuals
- b. Shop maintenance manual for chassis and aerial device.
- c. Lubrication instruction;
- d. Illustrated detailed parts books for chassis and aerial device
- e. Air and hydraulic piping diagrams;
- f. Original dealers report of sale, to include dealers license number;
- g. Complete electrical schematics for cab and chassis, and aerial device.

6.3 OPERATION AND SERVICE INSTRUCTIONS:

- a. The vendor shall provide a qualified factory authorized representative to conduct Operator and Mechanic training. Instructions shall be provided at the City Corporation Yard. Date, time, and duration of training shall be determined by City representative.
- b. In addition to hands-on training the vendor shall provide self-directed, computer based training (CBT) program, if available. The CBT training module shall provide basic instruction in the safe operation of the aerial device and explain ANSI and OSHA requirements.

6.4 FLUID LEVEL – METAL PLATE: Provide metal stamped plate attached by rivets in the engine compartment that shows operating capacity levels on all oils, lubricates, and fluids used in the normal operation of the vehicle and aerial device.

6.5 WARRANTY: CAB and CHASSIS: All components shall be guaranteed against structural defects and defects in material and workmanship for a period of one year from the date of acceptance. Parts, labor and travel cost shall be included.

6.6 BIDDER TO SPECIFY CAB & CHASSIS WARRANTY:

Cab & Chassis: _____

Engine: _____

Transmission: _____

Drive Axles: _____

6.7 BIDDER TO SPECIFY AERIAL DEVICE and SERVICE UTILITY BODY WARRANTY. Vendor shall be guaranteed against structural defects and defects in material and workmanship for a period of one (1) year from the date of acceptance. Parts, labor and travel costs shall be included.

Aerial Device Warranty: _____

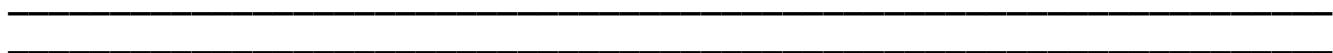
Aerial Device Make & Type: _____

Service Utility Body Warranty: _____

Service Utility Body Make & Type: _____

6.8 During the warranty period all parts needed to replace broken, or failed parts other than those caused by normal wear, accidents or acts of others, for the aerial device and service utility body will be furnished by the vendor, including freight at no cost. The city will be reimbursed at a rate no less than \$68.54 per hour for any warranty work performed by the city forces.

6.9 Extended Warranty. Provide extended warranties available to include duration of extended warranties and corresponding pricing. Include with bid proposal for cab & chassis, body, and aerial device.



7.0 OPTIONAL TRADE-IN QUOTE

7.1 The City of Lompoc is offering for trade-in one (1) used 55 foot Aerial Truck

- a. City vehicle # 9181, 1994, Freightliner FL70 Cab & Chassis with Altec 55 ft. Aerial Device with Service Utility Body VIN: 1FV6HLBA6RL539345, Engine: Cummins C8.3, Transmission: Allison MD-3060P.

7.2 Bidder to specify trade-in offer in proposal.

7.3 Vendors are encourage to view the vehicle before providing quote, please contact John Bower (Fleet Maintenance Supervisor), phone (805) 875-8035 or Dirk Ishiwata, phone (805) 875-8029 to arrange viewing date and time.



LAST ITEM

List any Deviations

**Bid Signature Page
Complete and Return**

The undersigned agrees to sell, F.O. B. Destination, to the City of Lompoc the goods/services specified in accordance with this solicitation. I/We have stated hereon the price(s) at which we will accept as full payment the amount shown below.

F.O.B. destination indicates that the seller is responsible for the shipment until it reaches its destination, even if freight is allowed and paid by the buyer.

Do you conduct business in an office with a physical location within the City of Lompoc and therefore claim local vendor preference? _____ yes or no.

City of Lompoc Business Tax License Number: _____

Business Name, within the City of Lompoc: _____

Business Address within the City of Lompoc: _____

ITEM(S)	DESCRIPTION		Unit Price
1	Digger Derrick per the terms and conditions of this solicitation. Manufacturer _____ Brand _____ Model Designation _____ Year of Manufacture _____		
1	Trade in City vehicle # 9181, 1994, Freightliner FL70 Cab & Chassis with Altec 55 ft. Aerial Device with Service Utility Body VIN: FV6HLBA6RL539345, Engine: Cummins C8.3, Transmission: Allison MD-3060P.		()
		Shipping	
		Sub-total	
		Sales Tax @ 7.75%	
		Total of all Charges	

Warranty Period: _____. Delivery time after receipt of order ____/days.

Signature Page
Complete and return

We hereby certify that:

- This bid was not made in the interest of or on behalf of any undisclosed person, partnership, association or corporation.
- This bid is genuine and not collusion or sham; and that we did not, directly or indirectly, induce or solicit anyone else to submit a false or sham bid.
- We have not, directly or indirectly, by agreement, communication or conference with anyone attempted to induce action prejudicial to the interest of the City of Lompoc, or any other bidder or anyone else interested in the proposed contract; and further,
- Did not, in any manner, directly or indirectly, seek by agreements, communications, or conference with anyone to raise or fix any overhead, profit, or cost element of this bid price, or that of anyone else.

**ORIGINAL SIGNATURES (COPIES WILL NOT BE ACCEPTED).
UNSIGNED BIDS WILL NOT BE CONSIDERED.**

Submission of a signed bid will be interpreted to mean that bidder has read the entire document and agrees to all of the terms and conditions set forth in all the sheets which make up this invitation.

(Please type or print)

COMPANY NAME
REPRESENTATIVE

SIGNATURE OF AUTHORIZED

ADDRESS

NAME AND TITLE (PLEASE PRINT)

CITY, STATE AND ZIP CODE

E - MAIL ADDRESS

PHONE NUMBER

WEB PAGE

FAX NUMBER

DATE

GENERAL TERMS AND CONDITIONS

CITY POINT OF CONTACT Questions may be submitted, in writing and by fax to: Ray Ambler Purchasing Officer (805) 735-7628

ISSUANCE OF BID: This bid request creates no obligation on the part of the City and the City reserves the unconditional right, at its option, to either reject all bids or waive any irregularities or informalities therein.

BID SUBMISSION: Bids must be submitted on bid forms provided herein, completed and signed, in a sealed envelope showing on the outside of the envelope the name of bidder, bid title, and date and time of opening. Prices shall be printed in ink or typewritten. No erasures are permitted. Mistakes may be crossed out and corrections printed adjacent and initialed in ink by person signing the bid.

All bidders must submit one (1) original and one (1) copy of their bid for consideration by the Purchasing Office and the ordering department.

BID VALIDITY/WITHDRAWAL: Prices shall remain valid for ninety (90) days from date of opening and be inclusive. Bids submitted may be withdrawn by written request received BEFORE the hour set for opening. No bidder may withdraw their bid after the time set for opening.

LOWEST APPARENT BIDDER SUBMITTAL REQUIREMENTS: The lowest apparent bidder may be required to submit the following:

- a) Proof of authorized distributorship
- b) A sample or demonstration of any product/unit offered. Samples and/or demonstration must be free of expense to the City.
- c) City Business Tax number
- d) PUC permit
- e) Insurance requirements
- f) Proof of driver training on hazardous substances
- g) References

NEW/UNUSED AND LATEST MODEL: Bidders shall provide pricing on new and unused items, material and/or units specified unless otherwise stated in specifications.

BRAND NAMES: Brand names are used to establish a level of quality only. Bids will be considered for any brand which meets or exceeds the quality of the specifications listed for any item. Bids that deviate from the specifications must be clearly defined. The City will have the sole right to

determine whether an alternate is acceptable.

WARRANTIES: Bidder will fully warrant all materials and equipment for a period of not less than one (1) year from date of final acceptance by the City unless otherwise noted.

F.O.B. POINT AND SHIPPING CHARGES: All prices shall be quoted F.O.B. destination Lompoc, California. Any and all shipping, handling and freight charges shall be shown separately unless otherwise noted on bid form.

LAWS GOVERNING CONTRACT: The contract shall be in accordance with the laws of the State of California and the County of Santa Barbara is the only appropriate forum for any litigation.

In the event a suit or action is instituted arising out of any contract, the prevailing party shall be entitled to receive, in addition to its cost, such sum as the court may adjudge reasonable as to attorney's fees and costs.

COOPERATIVE PURCHASING: The successful bidder may agree to extend all terms and conditions to other tax-supporting agencies upon their request. These agencies will issue their own purchase order and be billed directly by supplier. Bidder's agreement or disagreement must be stated on bid form and will not affect bid evaluation.

BID PROTEST: Interested parties wishing to protest City solicitation documents may obtain a copy of Lompoc Code section 3.36.170 Procurement Protest Procedures by calling the Purchasing Office at 805-875-8000 or on the City's web site: <http://bit.ly/ftypVE>

SELL OR ASSIGN: Contractor shall not have the right to sell, assign or transfer any obligations resulting from the award without the specific written consent of the Purchasing and Materials Manager.

ENTIRE AGREEMENT Any Agreement resulting from this Bid will consist of the following documents, in order of precedence, and shall be the entire agreement between parties:

- A. Purchase Order
- B. CITY 's Invitation to Bid
- C. Attachments
- D. CONTRACTOR 's Bid