



## JET-VAC COMBINATION SEWER TRUCK

EVENT NO. 5625

### SPECIFICATIONS AND SPECIAL CONDITIONS

- 4.0 The purpose of this solicitation is to describe requirements for one (1) jet/vacuum truck for use by the City of Savannah Sewer Maintenance Department.

To submit pricing electronically for this event, enter pricing for each line item shown under the lines tab on the event summary. To enter pricing manually, complete the attached bid proposal form. Manually submitted bids must be submitted on the bid proposal forms contained in these specifications in order to be considered.

A pre-bid conference has been scheduled to be conducted at the Purchasing Office, City Hall, third floor, 2 East Bay Street, Savannah, Georgia 31401. This meeting will allow contractors to discuss the specifications and resolve any questions and/or misunderstandings that may arise with City staff. You are invited to attend.

- 4.1 The truck shall meet or exceed the following general specifications:

- 6x4 - Tandem Axle
- 450HP@ 1800 RPM/1250 lb-ft torque @ 1100 RPM Cummings engine
- Allison 3000RDS 6 Speed Automatic Transmission/transfer case style
- 20,000 lb. Front Axle/46,000 lb. Rear Axle/ 66,000 lb GVWR
- CA, Axle to Frame, to be determined by body manufacturer

#### 4.2 GENERAL

- 4.2.1 The machines will be used for removing leaves, stones, bottles, cans, bricks, sand, mud, and other debris from storm drain lines and/ or sanitary sewer lines by the flushing action of high pressure water. The machine will be equipped with a self-contained, noncorrosive water tank supply as the water source for the high pressure pump.
- 4.2.2 The high pressure cleaner shall operate independent of the vacuum system and be powered by an auxiliary engine. The machine shall include a positive displacement vacuum system to provide for the simultaneous removal of the debris flushed to the manhole by the high pressure water system or for the removal of debris from pipelines, catch basins, wet wells, bar screens, etc.
- 4.2.3 The machine shall be capable of being operated by one person, with all operating controls for high pressure water, hose reel, and vacuum located at the front of the machine for operator safety.

#### 4.3 **DEBRIS BODY**

- 4.3.1 Debris storage body shall have a minimum useable liquid capacity of eleven (11) cubic yards. Debris body shall be equipped with an internal full pressure flush out system connected to the high pressure water pump. This system shall eliminate the need for manual operator cleaning.
- 4.3.2 The body shall be round or square for maximum strength and constructed of a minimum 3/16 inch steel, A 606 type four (4) steel or other approved high tensile strength corrosion resistant steel.
- 4.3.3 The rear door shall be hydraulically operated, full opening to 90<sup>0</sup> and top hinged with a minimum six (6) inch diameter decant valve for removing excess liquids. The decant valve shall be a manual knife type valve. The decant valve will have 15 feet of lay flat hose with rack. A corrosion resistant dump splash shield shall be installed.
- 4.3.4 The rear door shall be flat with door locking mechanism. These locks shall be capable of maintaining the door in the closed position in the event of hydraulic failure.
- 4.3.5 A double-acting, power-up, power-down dump mechanism will be provided to raise body to a minimum 50 degree angle. To prevent the possibility of hydraulic oil contamination, body hoist mechanism shall be mounted on the outside of the debris tank and the hydraulic fluid reservoir tank shall be mounted outboard of the frame rail. Vacuum hose and boom must not dump with debris body.
- 4.3.6 Dump and door controls shall be located forward of the debris body on the curb side of the vehicle for safety.
- 4.3.7 The debris body shall have a minimum five (5) year warranty. If pro-rated, state so on the exceptions page.

#### 4.4 **AUTOMATIC VACUUM BREAKER**

An internal stainless steel float device with indicator shall be supplied to show when body is loaded to capacity. A full indication will activate an automatic vacuum breaker shut down system that completely shuts down air flow to the vacuum system to prevent body overfilling and wastewater discharge into the atmosphere. System shall also contain a mechanism that will completely eliminate any wastewater from entering the vacuum system while the vehicle is being driven. The system shall have auto grease fitting in the vacuum breaker.

#### 4.5 **BODY/SUB-FRAME ASSEMBLY**

The vacuum blower, debris body and boom support assembly shall be mounted to a single unitized welded sub-frame which in turn is shear plate mounted to truck chassis frame. This sub-frame shall be independent of water tank to eliminate possible stress cracking of water tank.

#### 4.6 **VACUUM SYSTEM**

- 4.6.1 Positive displacement rotary lobe blower.
- 4.6.2 Blower shall be a Roots 827 @ 18 inch hg and shall include performance chart. State the make and model on bid.

- 4.6.3 The blower shall be capable of operating independently of the high pressure water system and be powered by the truck chassis engine via hydrostatic drive. Blower shall be protected by a vertical, centrifugal cyclone-type separator capable of removing particles larger than 50 microns. Separator shall be constructed of abrasion resistant steel.
- 4.6.4 The positive displacement blower shall be driven by the chassis engine via a closed loop hydrostatic system using a variable high volume piston pump and motor. The high volume displacement pump shall provide the same vacuum performance at 30% lower engine rpm. The lower operating rpm shall reduce fuel consumption by as much as 40%. This system shall include a heat exchanger for extreme ambient conditions and to maintain the maximum pump suction oil temp at 160° F. The heat exchanger shall be protected by a 30-micron filter and cold weather by pass valve. Hydrostatic loop filtration shall be accomplished by a ten (10) beta micron return filter and a ten (10) micron absolute (no bypass) charge filter.
- 4.6.5 Control of the blower regarding start, stop and the rate of vacuum suction shall be performed from the front of the truck.
- 4.6.6 The blower shall be mounted on a frame independent of the water tank.
- 4.6.7 A stainless steel, micro-strainer shall be incorporated inside the cyclone assembly between the outlet of the debris body and the blower.
- 4.6.8 Rotary lobe blower shall have a minimum five (5) year replacement warranty. If pro-rated, state so on exceptions page.

#### 4.7 **WATER SUPPLY**

- 4.7.1 The water tanks shall have a minimum useable capacity of 1300 gallons. Extra tanks cannot have hoses that hang below rear axles.
- 4.7.2 The water tanks shall be constructed of non-corrosive, durable, cross linked polyethylene, aluminum or stainless steel to eliminate rust, corrosion and stress cracking.
- 4.7.3 The water tanks shall be mounted at or below the truck frame level to provide a low center of gravity for truck stability.
- 4.7.4 The water tanks shall have a minimum ten year replacement warranty for any rust or cracking. If pro-rated, state so on the exceptions page.
- 4.7.5 A 2-1/2 inch diameter, 25-foot-long hydrant hose with anti-syphon device and strainer will be installed on the unit. Hose storage basket and fill point shall be located on the right or passenger side at approximately the midpoint of the truck.
- 4.7.6 Tanks shall have a low point drain with a manual gate or ball-type valve.
- 4.7.7 A sight gauge to indicate water level shall be provided.
- 4.7.8 If tank is mounted beneath truck, the tank shall be protected by eleven (11) gauge steel plating below tank for protection.

#### 4.8 **VACUUM SYSTEM PICK UP HOSE**

- 4.8.1 Shall be front loading, attached at the front of the machine in order to provide ease of positioning the machine over the manhole, as well as afford maximum safety for the operator.
- 4.8.2 The eight (8) inch diameter Kanaflex hose will be mounted on a boom which will provide a minimum of 18 feet vertical lift utilizing hydraulic cylinder(s) and 230 degrees of boom rotation powered hydraulically by a hydraulic cylinder or worm gear for non-interrupted smooth movement. Boom to have a minimum lift capacity of 1000 lbs. at the front bumper.
- 4.8.3 The boom will be powered hydraulically up/down, by lift cylinder(s) and shall have a reinforced boom tube.
- 4.8.4 Vacuum hose will be Kanaflex type eight (8) inch diameter hose with a minimum length of 30 inches. Upper and lower ends shall be equipped with flanged fittings to allow attachment to the upper boom elbow and accessory suction tubes. An additional piece of Kanaflex hose 36 inches long with two (2) flanged ends will be provided. The boom elbow must be a wearback design.
- 4.8.5 Control of the boom shall be by means of a "joy-stick" control at the operator's station, requiring no cables at operator's feet for boom operation. A "6-way" remote pendant station will also be supplied.
- 4.8.6 Pipe extensions to clean to a 28.5 foot minimum depth will be mounted on a ground level accessible rack on the truck as follows:
- 1-6.5' nozzle.
  - 1-8' aluminum pipe extension.
  - 1-6' aluminum pipe extension.
  - 1-5' aluminum pipe extension.
  - 1-3' aluminum pipe extension.

A minimum of five (5) locking connectors for extension tube flanges will be provided.

- 4.8.7 Suction hose end shall be stowed and transported on the front bumper by means of a keeper.
- 4.8.8 A mechanism shall be supplied to keep the boom in a stationary position while the unit is traveling over the road.
- 4.8.9 A ten (10) foot telescoping boom shall provide a minimum of 25'10" fully extended boom length measured from the centerline of the unit to the elbow radius. There shall be a heavy duty steel elbow affixed to the end of the boom.

#### 4.9 **HIGH PRESSURE WATER PUMP**

- 4.9.1 A high-pressure water pump, rated to deliver smooth, continuous pressure and flow through the entire flow range of the pump. Different flow delivery rates for the truck shall be as follows: a minimum continuous duty flow delivery of 60 gallons per minute at 2000

p.s.i. is required. Systems that are capable of producing an operator selectable jack hammer action shall be standard. Pump shall include drain valves for each cylinder.

- 4.9.2 The water pump shall operate independently of the vacuum system and be powered by the auxiliary engine.
- 4.9.3 Controls for starting/stopping the water pump and to vary the flow and pressure shall be mounted at the front hose reel operator's station.
- 4.9.4 **AUXILIARY ENGINE (WATER PUMP DRIVE ENGINE)**
  - A. The auxiliary engine used to drive the water pump and the hydraulic pump is a liquid cooled, turbo charged, after cooled, common rail, diesel powered, four (4)-cylinder, heavy-duty industrial engine. The engine shall have a minimum 270 CID and be rated at 140 BHP at 2400 RPM. The engine shall contain integrated liners one piece cast cylinder head and an electronic speed governor.
  - B. An electronic digital diagnostic and fault monitoring panel shall be mounted on the driver's side of the unit and be able to display various engine operation conditions including but not limited to engine rpm, hours, percentage engine load, coolant temperature, oil pressure, current and stored engine faults and current fuel consumption. A standard integrated safety shutdown system will be provided in the engine ECU and will shut the engine down in the event of low oil pressure or excess coolant temperature. The ignition system start up switch will be located at the operator's station. The auxiliary engine shall be shrouded and have a hinged door on the driver's side of the unit. The engine oil dipstick, oil filter, fuel filters, and air filters are accessed from the ground level on the driver's side of the unit.
  - C. The auxiliary engine driven hydraulic system will allow the operator the ability to shut off the chassis engine while the unit is in the jetting operation. In addition to fuel savings the auxiliary engine hydraulic drive will allow the operator the ability to move all hydraulic functions in case of a chassis engine breakdown.

#### 4.10 **JET RODDER HOSE REEL ASSEMBLY**

- 4.10.1 The hose reel assembly shall be mounted on the front of the vehicle.
- 4.10.2 The hose reel shall have a minimum capacity of 800 ft. capacity and be equipped with 500 ft. of one (1) inch premium quality jet hose.
- 4.10.3 The hose reel will be hydraulically powered in both directions by means of a direct drive or planetary gearbox mounted hydraulic motor. The controls for operating the motor shall incorporate a flow control device to regulate the rotational speed of the reel in both directions. All hydraulic hoses shall be guarded to protect the operator from hydraulic oil if a hose fails.
- 4.10.4 The hose reel will articulate or swivel 180 degrees allowing operator to work in any position through this arc. This allows greater flexibility in truck placement for manholes located in difficult access areas and provides greater safety for the operator. By-pass valves shall be added to allow the operator to by-pass hydraulics and manually pull or tilt the reel away from its transported position without the use of the powered hydraulic pump. This feature allows operator to check chassis engine fluids without starting the engine. An electric back-up system to perform this function is acceptable.

4.10.5 All controls for operating the high pressure water system will be mounted on this reel assembly frame.

#### 4.11 **MANHOLE CLEANING WATER SYSTEM (HAND GUN)**

4.11.1 The high pressure (jet rodder) pump and independent water tank assembly furnished for the rodding system will be used.

4.11.2 A minimum of 20 GPM and a maximum of 600 psi (smooth continuous operation) for safety will be provided.

4.11.3 One full functioning hand gun with on/off handle, replaceable, adjustable spray pattern nozzle tip, one foot extension and 50 feet of ½ inch high pressure hose mounted on a retractable hose reel. Hand gun shall be Shamrock 1200 Hypo Industrial Gun, Part No. 3381-0011, (no exceptions).

4.11.4 Hand gun shall attach to the reel mounted hose via a quick couple type connector.

#### 4.12 **JET HOSE**

4.12.1 800' x 1" high pressure premium jet hose, rated for 2500 psi working pressure and 6250 psi burst pressure will be provided on the unit with 10' x 1" double steel braided leader hose for nozzles. The jet hose shall be either Piranha Hose # 664-002p or Cobra Hose # 4625-16.

4.12.2 Three (3) heavy-duty hose guides will be provided.

4.12.3 One (1) manual hose level wind guide will be provided.

4.12.4 One (1) set of nozzles will be provided exactly as detailed below:  
All nozzles shall be rated for 80 GPM @ 2000 PSI 1 inch size

- 1-KEG Part# 00100103 sewer flush nozzle
- 1-KEG Part# 00100031 torpedo nozzle
- 1-KEG Part# 00100063 Rambo nozzle
- 1-KEG Part# 00100073 rotor Nozzle
- 1-KEG Part# 00100003 cleaning Nozzle
- 1-KEG Part# 00100015 traction nozzle

If another brand nozzle is bid, vendor must specify make and model. Nozzles will be listed separately on the bid sheet.

#### 4.13 **LUBRICATION**

4.13.1 The unit will be equipped with a permanent, weather proof white vinyl lubrication chart that is attached to the unit. This chart will point out every lubrication point on the module and specify what type of lubrication is used as well as the recommended time intervals between lubrications.

4.13.2 Remote plumbed grease fittings shall be provided for the vacuum blower, boom rotation cylinder and water pump drive areas that require lubrication.

#### 4.14 MISCELLANEOUS ITEMS

4.14.1 A steel locking storage box shall be provided. Dimensions shall be 16" x 42" x 72" minimum. The box may be located at a convenient and practical location to provide good accessibility without interfering with truck operations. Box shall have two full length internal shelves and be painted red to match the truck chassis. Unit to have center shelf to be pull out type. The shelf shall be half and half to pull out to each side.

4.14.2 Electronic back up alarm

4.14.3 Air purge system

4.14.4 Debris body flush out system

4.14.5 Front handgun connection with 20' of 1/2" high pressure hose with quick couple connectors

4.14.6 2 1/2" gate water drain valve

4.14.7 Hose footage counter

4.14.8 Safety cone mount with six (6) each 36 inch blaze orange safety cones. Not mounted off the rear, preferably driver's side between cab and body

4.14.9 Hydraulic system fluid indicator sight gauge

4.14.10 Manual one station remote grease zerts

4.14.11 One (1) Shamrock Grapple ten (10) foot (part # GR 10) mounted curbside

4.14.12 Vendor shall provide on-site training to mechanics and operators. In addition, the vendor shall also provide two mechanics equipment maintenance training at the manufacture facility for two (2) mechanics.

4.14.13 Vendor shall provide the appropriate diagnostic software.

4.14.14 While the truck is under warranty and requires an extensive repair, the vendor shall provide loaner truck to the department .

#### 4.15 PAINTING

4.15.1 Unit to be painted with DuPont Elite Red with white 3M Scotch Lite retro-reflective side & boom stripes and rear chevrons. Both sides of debris tank will be lettered "City of Savannah" in white 3M Scotch Lite in twelve (12) inch block letters. Lettering shall be centered on both sides of the tank at the horizontal midpoint.

4.15.2 The cab will be painted Manufacturer's White.

#### 4.16 LIGHTS

- 4.16.1 Clearance lights and reflectors shall be furnished in accordance with D.O.T. requirements.
- 4.16.2 Arrow board with cab mounted control. Arrow board shall be Whelen model TA1660L, LED with Whelen control box (no exceptions).
- 4.16.3 Front & rear strobes with limb guards on top of unit shall be Whelen model S360DAB (no exceptions) and two (2) rectangular, high intensity, amber, grommet mounted super LED lights shall be flush mounted next and comparable to the tail light lenses on the rear of the truck chassis and two each shall be mounted on both sides of the truck chassis on the same horizontal plane as the tail lights, and 2 on the front bumper. These grommet mounted LED lights, eight (8) in all, shall be Whelen model 50A02ZCR (no exceptions).
- 4.16.4 Boom work lights shall be LED 1200 lumens or better with guards, minimum of two (2) and rear mounted work lights with guards, minimum of two (2).

#### 4.17 **MOUNTING AND DELIVERY**

- 4.17.1 The machine described shall be mounted on a truck chassis of approved size, at the factory of the body manufacturer. Transportation charges shall be included. Combination cleaner shall remain the property of the manufacturer until delivered to and accepted by authorized City personnel.
- 4.17.2 Unit to be delivered to the following address:

City of Savannah  
Vehicle Maintenance  
6900 Sallie Mood Dr.  
Savannah, GA 31406

#### 4.18 **OPERATOR AND MECHANIC TRAINING**

- 4.18.1 Operator training is to be conducted by a factory representative, or a factory-trained representative, for a minimum of one (1) day at the time of delivery, with follow-up training of up to three additional days, to be included. Mechanic training will be provided at on site or at the vendor's facility; all costs of this training will be included in the bid, training, manuals, and hotels for two mechanics.

#### 4.19 **OPTIONAL EQUIPMENT**

Please submit cost for a twelve (12) volt electric over hydraulic pump for emergency back-up in case of a chassis engine problem/failure (not required with auxiliary engine hydraulic systems). This pump will operate the boom in the event of chassis engine failure.

#### 4.20 **TRUCK CHASSIS**

Axle/Suspension: front Axle 20,000 lb. cap. steel, front springs, 20,000 lb. capacity, front shock absorbers, rear axle, tandem 46,000 lb., Meritor RT-46-160, rear suspension, Hend Haulmax, 46,000 lb. capacity. Top speed of 60 mph.

- 4.20.1 Engine: Air cleaner restriction/air cleaner, engine shutdown, electric, key operated, magnetic engine oil drain plug, oil filter, spin on type, oil sump 22 quart minimum, water filter,



engine mounted, fuel filter, engine mounted. Automatic shutdown for low oil pressure / high coolant temperature.

- 4.20.2 Dual air brakes, Bendix ABS, 4 Channel, spring brake chambers four (4), dust shields, front and rear, brake lines, color coded nylon, front & rear, automatic slack adjusters, inversion and double check valves, air brake front cam 16.5"x6.0", air brake rear cam 16.5"x7.0", drain valve with pull chain.
- 4.20.3 Air compressor 13.2 CFM, air dryer, AD-9 or equal.
- 4.20.4 Steering: power steering, steering wheel, two (2) spoke
- 4.20.5 Single vertical muffler, and vertical tail pipe, aluminized steel, RH
- 4.20.6 Turn signal flasher, turn signal switch, self-canceling
- 4.20.7 Electrical: Headlights, two (2) light/long life halogen; circuit breakers, manual reset headlight dimmer switch; windshield wiper switch/ two (2) speed integral; fuses, elect; horn, air - cab, top mounted; parking light, integral; stop, turn, and back up lights dual; starter switch, electric key operated; turn signals, front fender mounted; windshield wipers, signal motor, electric; cigar lighter; toggle switch, aux and wiring; alternator Delco twelve (12) volt 100 amp; battery (3) Fleetrice Maintenance free twelve (12) Volt 1850 CCA. Electrical system shall meet NEMA 4 standards throughout. A complete wiring diagram shall be provided with the unit.
- 4.20.8 Gauges/Alarms: Low oil press/high cool light and audible alarm, electric speedometer, tachometer, dual air pressure gauge, electric engine oil pressure gauge, electric water temperature gauge, voltmeter, hour meter
- 4.20.9 Miscellaneous: Front end tilting, fiberglass hood, mud flaps, intermediate mount two (2), grille stationary, radiator stone guard bright finish
- 4.20.10 PTO effects, engine front less PTO unit, adapter plate on engine/front mounted
- 4.20.11 Cross flow radiator, anti-freeze, -40F (-40C), de-aeration sys with tank and sight glass, hoses, premium rubber.
- 4.20.12 Electronic cruise control, engine speed control for PTO, elect, stationary, variable speed, electric governor.
- 4.20.13 Fuel Tank: Top draw fuel tank, 100 gallon cap, steel, mounted under cab, reusable end fuel tank hose.
- 4.20.14 Cab: Steel conventional cab, 80 inch wide, black rubber floor covering, painted interior sheet metal, dual storage pockets, air conditioning, AM/FM stereo four (4) speaker radio, ash tray, instrument panel, tinted windows, one (1) cab interior passenger side grab handle, two (2) exterior grab handle, two steps on each side of cab, auxiliary step driver's side.
- 4.20.15 Rectangular mirrors two (2) with 16"x7" with 102" wide spacing, aluminum heads and brackets, satin anodized finish, convex mirrors, eight (8) inch mounted below primary mirrors.

4.20.16 Seats: Vinyl with printed vinyl insert, drivers and passenger's national air suspension seat, seat back adjustment, mechanical lumbar support, storage pocket on seat back, lap and shoulder seat belts.

4.20.17 Tow hooks, front and rear

4.20.18 Tires: Front tires two (2) 425/65R22.5-20; rear tires eight (8) 11R22.5-16 traction-type

4.20.19 A heavy duty rear bumper assembly shall be provided.

4.20.20 Keys: Four (4) sets of keys

4.20.21 Factory Representative will provide training to mechanic and operators.

#### 4.21 **DELIVERY**

Delivery required within 180 days. All equipment will be delivered FOB to the City's Vehicle Maintenance Department, 6900 Sallie Mood Drive, Savannah, Georgia 31406. All shipping and handling charges are to be included in the unit price.

#### 5.0 General Conditions

5.1 The bid response must include the following documents in this order:

- Bid Proposal Form (as a cover sheet)
- Exception Sheet
- Non-Discrimination Statement
- Proposed Schedule of M/WBE Participation
- Other submittals as stated

All referenced documents must be completed and returned in their entirety to constitute a complete bid.

5.2 Original invoices should be sent to:

City of Savannah  
Accounts Payable  
P.O. Box 1027  
Savannah, Georgia 31402

5.3 The vendor is responsible for determining and acknowledging any addenda issued in connection with this bid solicitation. All addenda issued for this event must be acknowledged in order for a bid to be considered.

5.4 To be awarded bids, vendors must be registered as suppliers on the City of Savannah's website at [www.savannahga.gov](http://www.savannahga.gov).

5.5 This contract will be awarded to the vendor offering the lowest net price to the City, and meeting or exceeding all specifications herein.

**EXCEPTION SHEET**

Event #5625

If the commodity(ies) and/or services proposed in the response to this bid is in anyway different from that contained in this proposal or bid, the bidder is responsible to clearly identify by specification section number, all such differences in the space provided below. Otherwise, it will be assumed that bidder's offer is in total compliance with all aspects of the proposal or bid.

Below are the exceptions to the stated specifications:

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Company

\_\_\_\_\_  
Title

**BID PROPOSAL FORM**

**(SUBMIT AS THE COVER SHEET)**

City of Savannah Purchasing Department  
3rd Floor, City Hall  
P. O. Box 1027  
Savannah, Georgia 31402  
ATTN: Purchasing Director

EVENT NUMBER: 5625

Business Location: (Check One)  
 Chatham County  
 City of Savannah  
 Other

**ALL BIDDERS MUST BE REGISTERED VENDORS ON THE CITY'S WEBSITE TO BE AWARDED AN EVENT. PLEASE REGISTER AT WWW.SAVANNAHGA.GOV.**

**MANUALLY SUBMITTED BIDS MUST BE SUBMITTED ON THIS BID PROPOSAL FORM IN ORDER TO BE CONSIDERED.**

Name of Bidder: \_\_\_\_\_

Street Address: \_\_\_\_\_

City, State, Zip Code: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_

**DO YOU HAVE A BUSINESS TAX CERTIFICATE ISSUED IN THE STATE OF GEORGIA?  
(CHECK ONE) YES: \_\_\_\_\_ NO: \_\_\_\_\_**

**FROM WHAT CITY/COUNTY \_\_\_\_\_**

**TAX CERTIFICATE #: \_\_\_\_\_ FED TAX ID #: \_\_\_\_\_**

**INDICATE LEGAL FORM OF OWNERSHIP OF BIDDER (STATISTICAL PURPOSES ONLY): CHECK ONE: \_\_\_\_\_ CORPORATION \_\_\_\_\_ PARTNERSHIP \_\_\_\_\_ INDIVIDUAL \_\_\_\_\_ OTHER (SPECIFY: \_\_\_\_\_)**

**INDICATE OWNERSHIP STATUS OF BIDDER  
(CHECK ONE):**

NON-MINORITY OWNED  ASIAN AMERICAN  
 AFRICAN AMERICAN  AMERICAN INDIAN  
 HISPANIC  OTHER MINORITY (describe) \_\_\_\_\_  
 WOMAN (non-minority)

**Do you plan to subcontract any portion of this project? Yes \_\_\_\_\_ No \_\_\_\_\_**

**If yes, please complete the attached schedule of M/WBE participation. Also complete the schedule if you will be using any M/WBE suppliers.**

**THE UNDERSIGNED PROPOSES TO FURNISH THE FOLLOWING ITEMS IN STRICT CONFORMANCE TO THE BID SPECIFICATIONS AND BID INVITATION ISSUED BY THE CITY OF SAVANNAH FOR THIS BID. ANY EXCEPTIONS ARE CLEARLY MARKED IN THE ATTACHED COPY OF BID SPECIFICATIONS.**

**ADDENDA ACKNOWLEDGEMENT**

My signature below confirms my receipt of all addenda issued for this proposal.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\*This acknowledgement is separate from my signature on the fee proposal form. My signature on the fee proposal form will not be deemed as an acknowledgement of addenda.

ITEM NO	DESCRIPTION	EST. QTY.	MANUFACTURER'S NAME & MODEL NO.	UNIT PRICE	TOTAL PRICE
1	<b>COMBINATION CLEANER TRUCK PER ABOVE SPECS (INCLUDING DELIVERY &amp; MEETING SPECIFICATIONS)</b>	<b>1 EA</b>			

TOTAL BID \$ \_\_\_\_\_

What is your price for the optional twelve (12) volt hydraulic back-up pump requested in section 4.19 of the specifications?

\$ \_\_\_\_\_

**PAYMENT TERMS: PLEASE CHECK ONE AND FILL IN BLANKS**

(Minimum of 10 working days must be allowed for discount to be considered in bid award)

\_\_\_ Less \_\_\_ % \_\_\_ Days Prompt Payment Discount (if offered) (\_\_\_\_\_)

\_\_\_ Net - 30 Days (no discount offered) - 0 -

TOTAL NET BID \$ \_\_\_\_\_  
=====

**TIME REQUIRED FOR DELIVERY AFTER RECEIPT OF ORDER: \_\_\_\_\_ DAYS**

I certify this bid complies with the General and Specific Specifications and Conditions issued by the City except as clearly marked in the attached copy.

\_\_\_\_\_  
Please Print Name

\_\_\_\_\_  
Authorization Signature

\_\_\_\_\_  
Date

## NON-DISCRIMINATION STATEMENT

The bidder certifies that:

- (1) No person shall be excluded from participation in, denied the benefit of, or otherwise discriminated against on the basis of race, color, national origin, or gender in connection with any bid submitted to the City of Savannah or the performance of any contract resulting therefrom;
- (2) That it is and shall be the policy of this company to provide equal opportunity to all business persons seeking to contract or otherwise interested in contracting with this company, including those companies owned and controlled by racial minorities, cultural minorities, and women;
- (3) In connection herewith, we acknowledge and warrant that this company has been made aware of, understands and agrees to take affirmative action to provide such companies with the maximum practicable opportunities to do business with this company;
- (4) That this promise of non-discrimination as made and set forth herein shall be continuing in nature and shall remain in full force and effect without interruption;
- (5) That the promises of non-discrimination as made and set forth herein shall be and are hereby deemed to be made as part of and incorporated by reference into any contract or portion thereof which this company may hereafter obtain and;
- (6) That the failure of this company to satisfactorily discharge any of the promises of non-discrimination as made and set forth herein shall constitute a material breach of contract entitling the City of Savannah to declare the contract in default and to exercise any and all applicable rights and remedies including but not limited to cancellation of the contract, termination of the contract, suspension and debarment from future contracting opportunities, and withholding and/or forfeiture of compensation due and owing on a contract.

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**Signature**

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**Title**

**PROPOSED SCHEDULE OF M/WBE PARTICIPATION**

All M/WBEs listed **must be certified as a minority-owned or women-owned business** by the City of Savannah or a federally-recognized or state-level certifying agency (such as USDOT, State DOT, SBA 8(a) or GMSDC) that utilizes certification standards comparable to the City of Savannah **prior** to the due date of this bid. **Other business certifications that do not specify majority woman or minority ownership may not be substituted.** **Proof of M/WBE certification from the certifying agency is required to accompany the bid.** A firm that has submitted an application for M/WBE certification but has not been certified is not qualified as a certified M/WBE and will not be recognized as such during the City's evaluation process. To expedite verification, please provide accurate phone numbers for all M/WBEs listed and ensure firms understand contact will be made following bid submittal.

Name of Proposer: \_\_\_\_\_ Event No. 5625

Project Title: \_\_\_\_\_

**NOTE: Unless certified through the City of Savannah M/WBE Program, proof of M/WBE certification must be attached for all firms listed.**

Name of M/WBE Participant	Name of Majority Owner	Telephone	Address (City, State)	Type of Work Sub-Contracted	Estimated Sub-contract Value	MBE or WBE	Certified ? (Y or N)	Certifying Agency? (City of Sav. or Other)
					%			
					%			
					%			
					%			
					%			
					%			

MBE Participation Value: \_\_\_\_\_ % WBE Participation Value: \_\_\_\_\_ % M/WBE Participation Value: \_\_\_\_\_ %

**The undersigned will enter into a formal agreement with the M/WBE Subcontractors/Proposers identified herein for work listed in this schedule, conditioned upon executing a contract with the Mayor and Aldermen of the City of Savannah.** The Prime's subcontractor that subcontracts work must enter into a formal agreement with the tier subcontractor identified herein for work listed in this schedule. The Prime may count toward the goal any tier of M/WBE subcontractors and/or suppliers that will be utilized in the contract work. However, when an M/WBE subcontracts part of the work, the value of the subcontracted work may **only** be counted toward the goal **if the tier subcontractor is an M/WBE**. Any work an M/WBE firm subcontracts to a non-M/WBE firm **will not count toward the M/WBE goal**. It is the responsibility of the Prime contractor to advise all M/WBEs of this requirement and to ensure compliance by subcontractors.

**Joint Venture Disclosure**

If the prime bidder is a joint venture, please describe the nature of the joint venture, the level of work and the financial participation to be provided by the Minority/Female joint venture firm in the space provided below.

Joint Venture Firms	Level of Work	Financial Participation

Printed name (company officer or representative): \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Title: \_\_\_\_\_ Email: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

*The Minority/Women Owned Business Office is available to assist with identifying certified M/WBEs. Please contact the M/WBE Office at (912) 652-3582. The City of Savannah's certified M/WBE registry is posted on its website @ [www.savannahga.gov](http://www.savannahga.gov).*

## Developing a Strong M/WBE Participation Plan

### *Key facts every bidder/proposer needs to know prior to developing their M/WBE Participation Plan:*

1. All bidders/proposers must submit a "Proposed Schedule of M/WBE Participation" which identifies the minority and/or woman-owned companies that have agreed to participate in the project if awarded. All companies listed on the form must be certified as either minority-owned and controlled or woman-owned and controlled. The City does not accept a company's "self-identification" as minority or woman-owned.
2. **Proof** of M/WBE certification from the certifying agency is required to accompany the bid; and certification must have been completed by the City of Savannah, a federally-recognized or a state-level certifying agency (USDOT, State DOT, SBA 8(a) or GMSDC) utilizing certification standards comparable to the City of Savannah.
3. The certification must have been approved prior to the due date of this bid. A firm that has submitted an application for certification but has not been certified will not be counted toward the M/WBE goal.
4. The M/WBE Office **will be contacting all M/WBE firms** included in the bidder's M/WBE Plan to confirm each: a) was contacted by the bidder/proposer; b) performs the type of work listed; and c) agreed to participate.
5. To expedite the verification process, bidders/proposers need to: provide accurate phone numbers for all M/WBEs listed; ensure M/WBEs know to expect to be contacted by phone and email; request M/WBEs be accessible during the critical period before bid-opening; and advise M/WBEs that City staff **must** receive the M/WBE's confirmation that the firm agreed to participate in the bid/proposal in order for the prime contractor to receive credit toward their proposed M/WBE participation goals.
6. If a proposed M/WBE cannot be confirmed as certified, performing the type of work described or agreeing to participate, the bidder/proposer will be notified and given a pre-determined period to submit a correction. If an M/WBE still cannot be confirmed or replaced, the proposed percentage of participation associated with the unverified M/WBE firm **will not be counted** and **will be deducted** from the overall proposed M/WBE goal.
7. Any tier of M/WBE subcontractors or suppliers that will be utilized in the contract work may count toward the MBE and WBE goal **as long as the tier subcontractors/suppliers are certified M/WBEs**. Work that an M/WBE subcontracts to a non-M/WBE firm does not count toward the M/WBE goal.
8. M/WBEs must perform a "**commercially useful function**" which is the provision of **real and actual work or products**, or performing a distinct element of work for which the business has the skills, qualifications and expertise, and the responsibility for the actual management and supervision of the work contracted.
9. Per the *Proposed Schedule of M/WBE Participation* "the undersigned (bidder/proposer) will enter into a formal agreement with the M/WBE Subcontractors/Proposers identified herein for work listed in this schedule, conditioned upon executing a contract with the Mayor and Aldermen of the City of Savannah." **This signed commitment is taken seriously by the City**, so do not list M/WBEs you do not plan to utilize. Any proposed changes must be pre-approved by the M/WBE Office, be based on legitimate business-related reasons, and still meet the M/WBE participation goals per the City's contract.
10. A bidder who is a certified M/WBE may count toward the goal the portion of work or services on a City contract that is actually performed by the M/WBE, including: the cost of supplies/materials purchased or equipment leased for contract work, fees for bona fide services such as professional or technical services, or for providing bonds or insurance specifically required for the performance of a City contract.
11. If awarded the contract, the MWBE Office **will be reviewing your company's subcontracts, invoices and payment records** to substantiate the completion of work and payment of M/WBEs. If the prime contractor is an M/WBE that is being included in its M/WBE goal, the prime contractor must maintain records **that will be inspected** to prove the portion of work performed, cost of work, and payments to the prime company.
12. Most bids for goods and materials do not have specific MWBE goals established for the contract. If no goals are included in the scope of work or General Specifications, you are not required to submit MWBE participation but encouraged to do so when the opportunity is available. The City maintains this information for statistical purposes only and it is not reflected in the award decision.



**CONTRACTOR AFFIDAVIT AND AGREEMENT**  
Employment Eligibility Verification

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 contracting with the City of Savannah has registered with and is participating in a federal work authorization program\* [any of the electronic verification of work authorization programs operated by the United States Department of Homeland Security or any equivalent federal work authorization program operated by the United States Department of Homeland Security to verify information of newly hired employees, pursuant to the Immigration Reform and Control Act of 1986 (IRCA), P.L. 99-603], in accordance with the applicability provisions and deadlines established in O.C.G.A. 13-10-91.

The undersigned further agrees that, should it employ or contract with any subcontractor(s) in connection with the physical performance of services pursuant to this contract with the City of Savannah, contractor will secure from such subcontractor(s) similar verification of compliance with O.C.G.A. 13-10-91 on the Subcontractor Affidavit provided in Rule 300-10-01-.08 or a substantially similar form. Contractor further agrees to maintain records of such compliance and provide a copy of each such verification to the City of Savannah at the time the subcontractor(s) is retained to perform such service.

\_\_\_\_\_  
EEV / Basic Pilot Program\* User Identification Number

BY:

\_\_\_\_\_  
Contractor Name

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature of Authorized Officer or Agent

\_\_\_\_\_  
Printed Name of Authorized Officer or Agent

\_\_\_\_\_  
Title of Authorized Officer or Agent of Contractor

\*As of the effective date of O.C.G.A. 13-10-91, the applicable federal work authorization program is the "EEV / Basic Pilot Program" operated by the U. S. Citizenship and Immigration Services Bureau of the U.S. Department of Homeland Security, in conjunction with the Social Security Administration (SSA).

\* \* \* \* \*

## **Instructions for Completing Contractor Affidavit and Agreement Form**

As required under Senate Bill 529 – “Georgia Security and Immigration Compliance Act” of 2006, O.C.G.A. Section 2, Article 3 13-10-91, public employers, their contractors and subcontractors are required to verify the work eligibility of all newly hired employees through an electronic federal work authorization program. The Georgia Department of Labor has added a new Chapter 300-10-1, entitled "Public Employers, Their Contractors and Subcontractors Required to Verify New Employee Work Eligibility Through a Federal Work Authorization Program," to the Rules and Regulations of the State of Georgia. (See website: [http://www.dol.state.ga.us/pdf/rules/300\\_10\\_1.pdf](http://www.dol.state.ga.us/pdf/rules/300_10_1.pdf).) The new rules designate the “Employment Eligibility Verification (EEV) Basic Pilot Program” operated by the U.S. Citizenship and Immigration Services Bureau of the U.S. Department of Homeland Security as the electronic federal work authorization program to be utilized for these purposes. The EEV/Basic Pilot Program can be accessed at: <https://verify.uscis.gov/enroll/StartPage.aspx?JS=YES>. Bidders shall comply with this new rule and submit with your bid the attached “Contractor Affidavit and Agreement.”

***Affidavit Verifying Status for City of Savannah Benefit Application***

By executing this affidavit under oath, as an applicant for a City of Savannah, Georgia Business License or Occupation Tax Certificate, Alcohol License, Taxi Permit, Contract or other public benefit as reference in O.C.G.A. Section 50-36-1, I am stating the following with respect to my bid for a City of Savannah contract for \_\_\_\_\_. [Name of natural person applying on behalf of individual, business, corporation, partnership, or other private entity]

1.) \_\_\_\_\_ I am a citizen of the United States.

**OR**

2.) \_\_\_\_\_ I am a legal permanent resident 18 years of age or older.

**OR**

3.) \_\_\_\_\_ I am an otherwise qualified alien (8 § USC 1641) or nonimmigrant under the Federal Immigration and Nationality Act (8 USC 1101 *et seq.*) 18 years of age or older and lawfully present in the United States.\*

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 Code Section 16-10-20 of the Official Code of Georgia.

Signature of Applicant: \_\_\_\_\_ Date \_\_\_\_\_

Printed Name: \_\_\_\_\_

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

\* \_\_\_\_\_  
Alien Registration number for non-citizens.

Notary Public  
My Commission Expires:

***Instruction for Completing Systematic Alien Verification  
for Entitlement (SAVE) Form***

O.C.G.A. § 50-36-1, requires Georgia's cities to comply with the federal **Systematic Alien Verification for Entitlements (SAVE) Program**. SAVE is a federal program used to verify that applicants for certain "public benefits" are legally present in the United States. Contracts with the City are considered "public benefits." Therefore, the successful bidder will be required to provide the Affidavit Verifying Status for City of Savannah Benefit Application prior to receiving any City contract. The affidavit is included as part of this bid package but is only required of the successful bidder.