



**CITY OF ST. LOUIS  
DEPARTMENT OF FINANCE  
OFFICE OF THE SUPPLY COMMISSIONER**

**CAROL L. SHEPARD, CPA  
SUPPLY COMMISSIONER**

**FRANCIS G. SLAY  
MAYOR**

**1200 MARKET ST RM 324  
ST LOUIS MO 63103  
PHONE: 314-622-4580  
FAX: 314-622-4141**

**ADDENDUM NO. 1  
BID OPENING: December 23, 2014**

**TO:** ALL BIDDERS  
**FROM:** JOHN CASSIDY, BUYER  
**DATE:** December 2, 2014  
**RE:** RFQ 41515Q1050, Hydro Excavator/Heavy Duty Truck Chassis

This addendum is issued (7 pages) to revise certain portions and make additions to the specs for RFQ#41515Q1050.

All bidders should complete and sign this form as acknowledgement that this information has been received.

**ADDENDUM RECEIVED AND ACKNOWLEDGED**

\_\_\_\_\_  
Name of Firm

\_\_\_\_\_  
Representative

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

ADDENDUM TO BID

1.01 Need to remove the words ( Hydraulically driven ) from the general description.

4.0 DEBRIS BODY - Changes and additions

4.04 Need to completely remove and replace with the following:

*A full diameter, height/width, top hinged rear door shall hydraulically open and close to a 90-degree angle to eliminate dragging the door through the discharged debris. This shall be accomplished by means of a power open, power close hydraulic cylinder. For ease of maintenance, cleaning and dumping, partial doors, flat steel doors will be considered unacceptable.*

Comply (Yes) \_\_\_\_\_ (No) \_\_\_\_\_ Will supply \_\_\_\_\_

4.09 Need to completely remove and replace with the following:

*Hydraulic tube rack shall accommodate 4 – 8" x 8' tubes mounted on the rear door of debris tank. Controls for tube rack shall be mounted at the curb side of the unit. This will allow tube racks to be raised and lowered hydraulically by means of a mounted control switch or by the wireless remote.*

Comply (Yes) \_\_\_\_\_ (No) \_\_\_\_\_ Will supply \_\_\_\_\_

4.12 Need to add to this spec:

*Hydraulic vibrator is acceptable.*

The following items need to be added to the bid spec.

*Each bidder shall submit a dimensional drawing certifying minimum usable capacity with bid documents.*

Comply (Yes) \_\_\_\_\_ (No) \_\_\_\_\_ Will supply \_\_\_\_\_

***A manual tank prop shall be supplied***

Comply (Yes) \_\_\_\_\_ (No) \_\_\_\_\_ Will supply \_\_\_\_\_

***6 in. diameter bronze, quick opening gate valve and 10' X 6" lay flat hose with storage rack will be located on the bottom of the rear door, no higher than 5 feet above ground level to allow for the removal of excess liquids. A screen covering a minimum of ¾ of the rear door area shall allow for 80% of debris tank liquids to be drained off without raising debris tank. The screen shall pivot during the dump cycle to allow for easy cleaning.***

Comply (Yes) \_\_\_\_\_ (No) \_\_\_\_\_ Will supply \_\_\_\_\_

5.0 WATER TANKS – Changes and additions

5.01 Change 1200 US Gallons to 1000 US Gallons

5.03 Completely remove this spec.

5.07 Completely remove this spec.

5.09 Remove the following statement from spec:

***To fill a 30-gallon auxiliary air storage chamber with pressure gauge and pressure protection valves to insolate the holding tank from the chassis compressor.***

5.10 Add to the spec:

***3/8, UV stabilized light ray, roto-moulded repairable poly will be acceptable.***

5.12 Remove and replace with the following:

***Two nozzles shall be suspended from the top of the debris tank by flexible, heavy duty, wire reinforced rubber hose. Two nozzles shall be mounted forward the tank at the bottom, these shall be SS duck bill style to assist in the removal of compacted debris.***

6.0 VACUUM/ VACUUM DRIVE SYSTEM – Changes changes and additions

6.01 Add the follow to spec:

*The truck chassis engine shall drive the positive displacement exhauster via a heavy duty split shaft power take off, and a variable speed “Kevlar” reinforced Poly Chain. Engagement/Disengagement can be accomplished either from inside the cab or at the operator’s station will also be acceptable.*

6.04 Remove and replace with the following:

*The system shall include a positive displacement rotary lobe type exhauster. This system shall be capable of a minimum 217 inches of negative water pressure at 3600 CFM. Air conveyance systems are not acceptable.*

Comply (Yes) \_\_\_\_\_ (No) \_\_\_\_\_ Will supply \_\_\_\_\_

7.0 VACUUM BOOM SYSTEM – Changes and additions

7.03 Remove and replace with the following:

*The boom must extend out a total of 20 feet from the mounted position.*

8.0 WATER PUMP AND DRIVE - Changes and additions

8.01 Remove and replace with the following:

*The rated design capacity of the high –pressure water pump is to be a minimum of 18GPM @ 3000 PSI.*

8.02 Add the following to the spec.

*The truck chassis engine shall drive the water pump via a heavy duty split shaft power take off, and a variable speed “Kevlar” reinforced Carbon Poly Chain. Engagement/disengagement can be accomplished either from inside the cab or at the operator’s station via dual clutch PTO will also be acceptable.*

12.0 HYDRAULIC SYSTEM – Changes and additions

12.01 Change the following spec.

*Change 55 gallon capacity to 32 gallon capacity.*

12.07 Add to the following spec:

*Add (If required, the) to the beginning of the existing spec.*

13.0 WATER HEATER – Change and additions

13.01 Remove and replace with following:

*A 700,000 BTU water heater will be supplied so the unit can be used during cold weather operations and installed inside of the heated compartment.*

Comply (Yes) \_\_\_\_\_ (No) \_\_\_\_\_ Will supply \_\_\_\_\_

15.0 STORAGE – Change and additions

15.03 – 15.05 Remove and replace with the following:

*Adequate toolbox storage and tool trays will be provided. Description and Illustrations to be provided with the bid.*

16.0 EQUIPMENT PROTECTION – Changes and additions

16.03 *Add (If required, the) to the beginning of the existing spec*

ADDITIONS TO BE ADDED TO THE SPEC.

POWER-PUMP OFF SYSTEM

*A high volume centrifugal pump installed outside the debris tank will be supplied to allow liquid to be discharged while retaining solids. The system shall be operable while simultaneously jetting and vacuuming debris.*

Comply (Yes) \_\_\_\_\_ (No) \_\_\_\_\_ Will supply \_\_\_\_\_

*Vacuum gauge*

Comply (Yes) \_\_\_\_\_ (No) \_\_\_\_\_ Will supply \_\_\_\_\_

*Water pressure gauge*

Comply (Yes) \_\_\_\_\_ (No) \_\_\_\_\_ Will supply \_\_\_\_\_

*Back up alarm, 12 volt electric.*

Comply (Yes) \_\_\_\_\_ (No) \_\_\_\_\_ Will supply \_\_\_\_\_

*12 volt electrical outlet.*

Comply (Yes) \_\_\_\_\_ (No) \_\_\_\_\_ Will supply \_\_\_\_\_

*Provision TV 210 back up camera.*

Comply (Yes) \_\_\_\_\_ (No) \_\_\_\_\_ Will supply \_\_\_\_\_

*Petcock valve on Y strainer cap.*

Comply (Yes) \_\_\_\_\_ (No) \_\_\_\_\_ Will supply \_\_\_\_\_

***Fill hose storage basket.***

Comply (Yes) \_\_\_\_\_ (No) \_\_\_\_\_ Will supply \_\_\_\_\_

***Side tool trays (steel) – full length of the water tanks, both sides of the unit.***

Comply (Yes) \_\_\_\_\_ (No) \_\_\_\_\_ Will supply \_\_\_\_\_

***Access steps to the top of the debris tank.***

Comply (Yes) \_\_\_\_\_ (No) \_\_\_\_\_ Will supply \_\_\_\_\_

***A self retracting hose reel to be mounted curbside behind cab. This reel will be used for hydraulic tools rated up to 10 gpm and will hold 2 - ½" x 50' hoses.***

Comply (Yes) \_\_\_\_\_ (No) \_\_\_\_\_ Will supply \_\_\_\_\_

***Hydro-Excavating tube 8"x 71" with an external stainless steel water ring containing 12 stainless steel replaceable jets. Must include adjustable handle and a rubber bump stop tube inside the water ring.***

Comply (Yes) \_\_\_\_\_ (No) \_\_\_\_\_ Will supply \_\_\_\_\_

***Truck chassis and body shall both be painted White in color.***

Comply (Yes) \_\_\_\_\_ (No) \_\_\_\_\_ Will supply \_\_\_\_\_

***50 foot retractable cord and LED spot light.***

Comply (Yes) \_\_\_\_\_ (No) \_\_\_\_\_ Will supply \_\_\_\_\_

*Light for control panel.*

Comply (Yes) \_\_\_\_\_ (No) \_\_\_\_\_ Will supply \_\_\_\_\_

**Arctic Weather Package:**

*An "Arctic weather" package must be provided; this package will be certified to allow operation of the unit in sub freezing temperatures of up to -40 degrees.*

Comply (Yes) \_\_\_\_\_ (No) \_\_\_\_\_ Will supply \_\_\_\_\_

*The cold weather package shall consist but not limited to the following heavy duty components.*

- 1) A 12 volt powered water bypass system capable of pumping water throughout all the systems regardless of chassis speed.*
- 2) All water suction lines as well as pressure lines will be insulated with a heavy duty poly based foam wrap.*
- 3) All water suction lines as well as pressure lines will be wrapped with a heat tape powered via a chassis mounted inverter system, the inverter will be sized to comply with the chassis as well as meet the requirements of the heat tape system.*
- 4) The high pressure water pump head as well as the secondary water pump will be heat tape wrapped.*

Comply (Yes) \_\_\_\_\_ (No) \_\_\_\_\_ Will supply \_\_\_\_\_