

**PROCUREMENT DEPARTMENT**  
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# **CITY OF PHILADELPHIA**

Hugh Ortman  
Procurement Commissioner

April 29, 2008

**BID NUMBER:** S8XT6530  
**TITLE:** FIREFIGHTER PUMPER 1500 GALLONS  
**DEPARTMENT:** OFFICE OF FLEET MANAGEMENT  
**DATE TO OPEN:** May 05, 2008 at 10:30 AM

## **ADDENDUM # 1**

### **TO ALL BIDDERS:**

**You are hereby notified of the following changes to the above mentioned bid:**

SUBJECT BID # S8XT6530 WILL NOW OPEN ON Monday, May 12, at 10:30 A.M.

**NOTE: REVISED PRICING PAGES ARE PART OF THIS ADDENDUM. ALL BIDDERS ARE REQUIRED TO SUBMIT THEIR PRICING ON THE PAGES INCLUDED IN THIS ADDENDUM.**

### **Questions and answers**

#### **Question 1. Vehicle delivery:**

**The bid document states 300 day delivery time, is a 365 day delivery time acceptable?**

**The bid document states 300 day delivery time, is a 360 day delivery time acceptable?**

**Answer 1.** The City will agree to a 350 day delivery schedule. It is imperative to the City to obtain new equipment as soon as possible.

**Question 2. INTENT page 1 of 82 of Spec Code 32744c.13**

**The paragraph states that all chassis-to-body wiring shall be of the DIN /WEATHERPACK type connector. Is a Duestch type connector acceptable?**

Answer 2. Yes a DUESTCH type connector is considered an equal.

**Question 3. Single Line Responsibility, page 2 of 82 of Spec Code 32744c.13**

**Our company does not have their cab, chassis and body built all in the same facility, but various facilities all owned by one parent company. Does this meet the single line responsibility requirement?**

Answer 3. Yes, as long as there is one owner of all of the locations utilized in the build of the units you will meet the single line responsibility clause. There shall not be two different names on the chassis and/or body they must all carry the same nameplate. You will also need to meet the 25 similar pumper units sold and delivered requirement as well.

**Question 4. Section 2.2, page 5 of 82, Criteria and Code Conformance of Spec Code 32744c.13**

**This specification requires the apparatus to be built to the NFPA 2009 edition. The guide which is now in draft has not been fully approved and when approved will be in effect for any apparatus order taken after January 1, 2009. Exactly how does the City expect the apparatus to be built and what is required?**

Answer 4. As discussed at the pre-award this bid specification and any contract conformed from this bid shall cover the out years with extension of up to three years which in all cases any apparatus ordered from this bid/contract are required to meet the NFPA 2009 standard. In all cases, no matter the manufacturer you are responsible to build any apparatus ordered prior to January of 2009 to the current NFPA 2006 standard or latest revision.

With that said the City requires all bidders to provide at a minimum the following items as listed in the 2009 draft. Any other items for which the specific manufacturer construction meets the 2009 standard it shall be provided. Each bidder is required to state whether or not they will or will not meet the following:

Section 4.7 - Third Party Certification of Test Results (4.7.1 thru 4.7.8)  
Section 4.11 – Vehicle Data Recorder (4.11.1 thru 4.11.8)  
Section 4.13 - Vehicle Stability (4.13.1 .1 or 4.13.1.2)  
Section 4.13.3 – Load Distribution including a visual Tire pressure indicator (4.13.3.1 thru 4.13.3.4)

In additional the following individual line items at a minimum shall be met:

Section 12.2.1.5.1 and 12.2.1.5.2, Engine Speed Control  
Section 12.3.2.3, Angle of approach and departure  
Section 13.3.2, 13.3.3, 13.3.4, 13.3.5, 13.3.6, and 13.4 Electrical Power Supply  
Section 15.9.3 – Reflective Stripping, entire section  
Section 15.10 – Hose Storage, entire section

**Question 5. Section 3.1.2, page 7 of 82, Cab doors and Steps of Spec Code 32744c.13**

**The specification calls for a full length piano hinge with a 5/16 hinge pin. Will the City accept cab doors using a heavy duty two point hinge?**

Answer 5. The City prefers to utilize the piano type hinge on this bid package. This does not prevent your bid from being submitted but you will need to list as an exception.

**Question 6. Section 3.1.12 and 3.1.13 pages 10 – 11 of 82 of Spec Code 32744c.13**

**The specification calls for two different seating arrangements. We do not believe that both arrangements are equally priced. The City should choose an arrangement for bidding purposes.**

Answer 6. On the pricing page line 5.1 shall be bid inclusive of section 3.1.12. The City requests that section 3.1.13 as revised below be bid as an option with separate pricing. The optional price 5.3 should be stated as either a credit to or additional cost to line 5.1 on the pricing sheet.

Section 3.1.13 has been revised as follows:

**CREW SEATS, REAR  
(three seat version with medical cabinet)**

The rear cab area shall contain three seats in total. Provide (1) H.O. Bostrom "Firefighter Tanker" 450 SCBA high back non-suspended rear facing seat mounted behind the driver seat. A minimum of 40 inches overall height is required above each seat. Provide high stalk seat belt with three-point seat belt with retractor.

In addition two (2) H.O. Bostrom Firefighter Res-Q-Back 450 SCBA seats. They shall be mounted at the center of the back wall on an aluminum storage riser. A minimum of 40 inches overall height is required above each seat. Provide high stalk seat belt with three-point seat belt with retractor.

Provide medical storage cabinet with lock. Cabinet shall be mounted behind Officers seat. The cabinet shall contain 2 shelves; roll up door and lighting similar to body compartments. For bidding purposes assume cabinet height, width and depth are equal to a mounted seat. The exact design of cabinet, height, width and depth shall be decided at pre-construction meeting.

**Question 7. Section 3.1.18, page 12 of 82 Spec Code 32744c.13, Window Controls**

**The City specification requires the cab be equipped with manual roll-up windows. Our manufacturer utilizes electric controlled window regulators. Will this be acceptable?**

Answer 7. The City prefers the manual window roll-up mechanism and the manual type shall be provided if available from the manufacturer. If the only option is electric windows a clarification shall be submitted.

**Question 8.** of 304L Stainless Steel; minimum of 12 gauge. Our manufacturing process uses 3CR 12 Stainless Section 4.2 and 4.3 pages 16 of 82 of Spec Code 32744c.13 Basic Materials of Construction

**The specification calls for construction Steel. WE consider this an equal. Is this type construction acceptable? A handout is provided.**

Answer 8. The City will accept 3CR 12 as an equal, however, a clarification that 3CR 12 stainless is being provided must be submitted with your bid.

**Question 9.** Section 4.6.4, page 20 of 82 of Spec Code 32744c.13, Fasteners

**The specification calls for all threads on bolts to be coated with “Loc-tite” material. Our manufacturer uses a pre-treated Nylock feature. Our belief is that this material, Nylock, meets or exceeds this requirement.**

Answer 9. The City will accept the Nylock pretreated bolt coating as an equal. A clarification shall be provided with your bid.

**Question 10** Section 5.2, page 26 - 27 of 82 Spec Code 32744c.13, Driver and Officer Instruments

**You have a generator switch listed, but no generator included. Please clarify.**

Answer 10. *The line stating - Generator Switch and Indicator light - is deleted*

**Question 11.** Section 5.1.3 page 27 of 82 of Spec Code 32744c.13, Wipers

**The specification requires dual pantograph type wipers driven by dual electric motors. Is a single wiper motor design acceptable?**

Answer 11. Dual electric wiper motors are preferred and must be provided if available from manufacturer. The single drive motor design is acceptable if a dual type system is not provided by manufacturer. A clarification must be submitted.

**Question 12. Section 5.1.4, page 27 of 82 of Spec Code 32744c.13, Visors**

**The specification calls for two visors, however, the visors must cover entire windshield. Will the city accept three visors to meet this requirement?**

Answer 12. Yes, three visors can be used to meet this requirement.

**Question 13. Section 8.4, page 32 of 82 of Spec Code 32744c.13, Air Dryer**

**The bid requires installation of a Bendix AD-IP air dryer. Our company installs the Wabco model on all chassis. Is the Wabco product acceptable?**

Answer 13. The City requires the Bendix Model AD-IP air dryer. The reason is standardization of our fleet not the quality of the Wabco product. If the Wabco is proposed it will be viewed as an exception.

**Question 14. Section 8.5, page 32 of 82 Spec Code 32744c.13, ABS System**

**The correct nomenclature of the Meritor system is “Meritor, Wabco, 4 channel Anti-Lock Braking System, Automatic Traction Control**

Answer 14. Correct

**Question 15. What type of Brass fittings do you require on your braking system?**

Answer 15. All airlines shall terminate in brass fittings of the compression type.

**Question 16. Section 8.9, page 34 of 82 of Spec Code 32744c.13 Air Compressor**

**The specification calls for a Wabco air compressor rated at 18.9 cfm. Our company reference to the Cummins engine Wabco supplied air compressor will provide 18.7 cfm. Is this acceptable?**

Answer 16. The 18.7 cfm air compressor is acceptable. The compressor must meet all other requirements set forth in the section.

**Question 17. Section 10:15 page 37 of 82 Spec Code 32744c.13, Fuel Compatibility**

**To date Cummins only certifies their engines to B5 bio-diesel. Is this acceptable?**

Answer 17. The City is aware that at this time Cummins has only provided a certification for B5 Bio-diesel for their engines, so this is acceptable. As this contract extends in time it is the responsibility of the successful bidder to provide only engines that are compatible with Bio-diesel type fuels.

**Question 18. Section 13.1 pages 38 - 39 of 82 Spec Code 32744c.13, Radiator**

**The specification calls for a radiator with a core made of copper and brass. Our company provides an aluminum cored radiator. Is this acceptable?**

Answer 18. Yes, the City will accept an aluminum core radiator material. All other requirements of the section must be met.

**Question 19. Section 13.4, page 39 of 82 Spec Code 32744c.13, Coolant Hoses**

**The spec calls for Gates “blue stripe” EDPM coolant hoses. Are silicone hoses acceptable?**

Answer 19. Silicone hoses that meet the same specification of the Gates “blue stripe” hoses are acceptable. A clarification shall be provided.

**Question 20. Section 14, page 40 of 82 of Spec Code 32744c.13, Electrical System**

**The specification calls for a Multi-plex wiring system. Which make is required by the City.**

Answer 20. For standardization of our fleet, the City will require the Weldon V MUX system.

**Question 21. Section 14.18, page 47 of 82 Spec Code 32744c.13, Non-Warning Lights – Cab**

**Has there been a change in the type of brow lights required.**

Answer 21. Yes, the reference for this light has been changed to Havis Shields KR-1532 series.

**Question 22. Section 17.9, page 53 of 82 of Spec Code 32744c.13, Headset**

**This paragraph references connection of the headset to an intercom system and possibly City radios. Who will supply the Intercom system?**

Answer 22. An Intercom system is required to be supplied as part of this bid, Firecom, 210 for reference.

**Question 23. Section 18, page 53 of 82 Spec Code 32744c.13, Warranty**

**The Fire Pump and Attachment section on this page provides a 5/10 years warranty requirement. However, section 18.9 on page 55 of 82, the requirement is only 5 years. Please clarify.**

Answer 23. The 5/10 warranty period should read only 5 years. The 5/10 years refers to the next item as described below.

**Question 24. The Warning Devices warranty is listed as 5 years on page 53 of 82 of Spec Code 32744c.13, however, section 18.2 on page 54 of 82 shows a 5 and 10 year warranty. Please clarify.**

Answer 24. Page 53 of 82 should have presented the warranty as 5/10 years, 5 being for all electronic items and 10 for LED lighting.

**Question 25. There was a discussion during the Pre-bid meeting that there was no clarification on body structure and body panel, doors frames etcetera. Please clarify.**

Answer 25. The City requires the same warranty for the body structure, panel, door frames etcetera as described for cab corrosion warranty in section 18.1.

**Question 26. Section 34, pages 66-67 of 82 of Spec Code 32744c.13, Instructions and Training**

**Please clarify that four days (total) of training meets the City requirement.**

Answer 26. The four (4) days of training as described in the program outline on page 67 of 82 is the number of days that should be included within your bid price. However, there has never been a Fire Apparatus vendor that would not provide to the City additional training, at NO COST, either as their apparatus was being introduced to the PFD firefighter or even with new recruits in later years.

The benefit to the apparatus manufacturer is that the Philadelphia Firefighter has a complete understanding how to utilize the manufactures' equipment and that said manufacturer's equipment will be considered for acceptance in future bid packages.

**Question 27. Section 37, page 68 – 76 of 82 of Spec Code 32744c.13**

**Can a manufacturer propose a Hale Q two stage pump?**

Answer 27. Hale pump is an approved equal, with that said, if a Hale pump is proposed the bidding vendor must provide the clarification that the Hale pump is being proposed.

**Question 28. Section 37.10, page 70 of 82 of Spec Code 32744c.13, Transfer Valve**

**Please confirm which method of operation is required for this valve. The specification provided two methods.**

Answer 28. The City shall require a hand wheel operator to control the transfer valve with one and a half turns.

**Question 29. Section 37.12, page 71 of 82 of Spec Code 32744c.13, Priming System**

**During the pre-bid meeting the City inquired if the Primer could be oil-less. Exactly what does the City require.**

Answer 29. The City requires a priming system as described however, it shall be an oil-less system.

**Question 30. Section 37.18, page 74 of 82 of Spec Code 32744c.13, Auto Tank Fill System**

**During the pre-bid meeting it was discussed by the City that this section was incorrectly stated. Please clarify.**

Answer 30. The City will not require an "Automatic Tank Fill System". The manufactures standard shall be acceptable.

**REVISED PRICING PAGE**

SECTION 5: PRICING

**(PRICES QUOTED MAY NOT EXCEED THREE (3) DECIMAL PLACES)**

Unit pricing quoted below will prevail in case of any discrepancy(ies) between unit price and the extended amount and will be the determining factor in establishing applicable contract amount(s)/award.

	QTY	UNIT MEASURE	UNIT PRICE	AMOUNT
5.1 <b>42881 000 046</b> Firefighting Pumper Apparatus, 1500 GPM. Specifications 41-V-20M:86 and Spec. Code 32744c.13	3	EA	\$ _____	\$ _____
Omit 15.5 Spare tires Omit 3.1.13, Crew Seats Rear, (three seat version)				
The City of Philadelphia will accept bids for the Pumper units of an Aluminum cab with a Stainless steel body.				
<b>Options Priced Separately</b>				
5.2 15.5 Spare Tire				
5.2.1 <b>42881 009 125</b> Front	1	EA	\$ _____	\$ _____
5.2.2 <b>42881 009 126</b> Rear	1	EA	\$ _____	\$ _____
5.3 <b>42881 009 127</b> 19.1 Pre-Construction Conference (Cost per individual)	1	EA	\$ _____	\$ _____
5.4 <b>42881 009 128</b> 19.2 Completed Chassis Inspection Trip (Cost per individual)	1	EA	\$ _____	\$ _____
5.5 <b>42881 009 129</b> 19.3 Pre-Paint Inspection Trip (Cost per individual)	1	EA	\$ _____	\$ _____
5.6 <b>42881 009 130</b> 19.4 Final Completion Inspection Trip (Cost per individual)	1	EA	\$ _____	\$ _____

	QTY	UNIT MEASURE	UNIT PRICE	AMOUNT
5.7 <b>42881-009-131</b>				
3.1.13, Crew Seats Rear, (three seat version)				
(Provide cost difference to line 5.1 either a cost plus to or credit from )	1	EA	\$ _____	\$ _____

Extended Total Bid Amount    \$ \_\_\_\_\_  
(Unit Price X Quantity for  
all items bid).

Bidder to Estimate The Number of Days After Receipt of Order to

Make Delivery: \_\_\_\_\_

Please sign, date and return this addendum with your bid to the Procurement Department, 1401 J.F.K Boulevard, Bid Room 170A, Philadelphia, PA 19102-1685 as it now becomes a part of the proposal.

\_\_\_\_\_  
Buyer,                      R. Saylor

\_\_\_\_\_  
AUTHORIZED SIGNATURE

\_\_\_\_\_  
FIRM NAME (PRINT)

\_\_\_\_\_  
DATE

RSmw