

MEETING DATE: 05/27/08

AGENDA ITEM: Rescind Previous Purchase Order Authorization and Authorize the Issuance of a Purchase Order in the Amount of \$32,947.80 to Godwin Pumps of America, Inc. for the Purchase of a Mobile Diesel-Powered Sewer Pump to Provide Bypass Pumping Capability in the Event of Sewer Pump Station Failure.

ATTACHMENTS

		<u>Pages</u>
1	Staff report from April 21, 2008	1-3
2	Letter from Clairemont Equipment Company.	4
3	Bid submitted by Godwin Pumps of America, Inc.	5-22

City of Culver City, California
City Council Agenda Item Report

Meeting Date: 4/21/2008		Item Number: C-4	
AGENDA ITEM: Authorization of the Issuance of a Purchase Order in the Amount of \$29,987 to Clairemont Equipment Company for the Purchase of a Mobile Diesel-powered Sewer Pump to Provide Bypass Pumping Capability in the Event of Sewer Pump Station Failure.			
Contact Person/Dept.: Steven Finton		Phone Number: (310) 253-6406	
Fiscal Impact: Yes ☒ No ☐		General Fund: Yes ☐ No ☒	
Public Hearing: ☐		Action Item: ☐ Attachments: ☒	
Public Notification: Master Notification List (04/17/08)			
Department Approval: Charles D. Herbertson (04/03/08)		City Attorney Approval: Carol Schwab (by H. Baker) (04/08/08)	
Fiscal Impact Review: Jeff Muir (by N. Kimball) (04/09/08)		City Manager Approval: Jerry B. Fulwood (04/17/08)	
<u>RECOMMENDATION:</u> Staff recommends the City Council authorize the issuance of a purchase order in the amount of \$29,987 to Clairemont Equipment Company for the purchase of a mobile diesel-powered sewer pump to provide bypass pumping capability in the event of sewer pump station failure. <u>BACKGROUND:</u> The City owns and operates 7 sewer pump stations that pump sewage from low lying areas of the City's sewer system. The pump stations vary in size and capacity depending on the volume of sewage flowing to each. All stations utilize electric pumps and are equipped with back-up electrical generators to accommodate unexpected electrical system outages. After reviewing current operations at the City's pump stations, it was evident that additional system redundancy was desirable to minimize the probability of future sanitary sewer spills. In 2006, the City experienced a sanitary sewer spill caused by the failure of pumps at the Braddock Pump Station. Despite significant efforts by City crews to control the sewage while working to repair the pumps, an overflow occurred. In assessing the conditions at the pump station after the 2006 spill, staff has identified potential improvements that would reduce the probability of future spills. One improvement undertaken in 2007 was the installation of a bypass access on the Braddock Pump Station force main making it ready for emergency bypass pumping. The recommended portable pump would be used during emergencies to pump sewage from the failed pump station and into the force main through the new bypass			

City of Culver City, California
City Council Agenda Item Report

access. The diesel powered pump would be sized to accommodate flows from our largest pump station and could be moved to address failures at any of the 7 pump stations.

DISCUSSION:

On February 11, 2008, City Council authorized the issuance of a request for bids to purchase a portable sewer bypass pump. On March 13, 2008 the following bids were received:

- | | |
|--|-------------|
| 1. Clairemont Equipment Company | \$29,987.00 |
| 2. Godwin Pumps of America, Inc. | \$30,578.00 |
| 3. Western Oilfields Supply Company
Dba Rain for Rent | \$33,943.00 |
| 4. Charles King Co., Inc. | \$38,580.60 |

The bid submitted by Clairemont Equipment Company is responsive and is in significant compliance with the bid specifications. Minor variations between the bid submitted and the specification exist; however, the overall pumping system proposed in the bid exceeds the performance specification included in the Request for Bids.

FISCAL ANALYSIS:

The Sewer Fund's 2007-08 Adopted Budget for operating and maintaining the sewer system is \$6.6 million, which includes approximately \$3 million per year paid to the City of Los Angeles to convey and treat Culver City Sewage at the Hyperion Treatment Plant.

Funding for the purchase is available in P-521, Pump Station Improvements (Account No. 20400521.730100). The Pump Station Improvements CIP is established for ongoing improvements to the City's lift stations such as these.

ATTACHMENTS:

- 1) Bid Submitted by Clairemont Equipment Company.

MOTION:

That the City Council:

**City of Culver City, California
City Council Agenda Item Report**

Authorize the Purchasing Officer to issue a purchase order in the amount of \$29,987 to Clairemont Equipment Company for the purchase of a mobile diesel-powered sewer pump to provide bypass pumping capability in the event of sewer pump station failure.



7651 Ronson Road • San Diego, CA 92111-1190
(858) 278-8351 phone • (858) 541-0482 fax

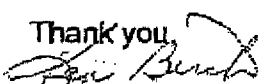
May 15, 2008

Attn: Steve Finton
City of Culver City

Mr. Finton,

Steve we are extremely disappointed to notify you that due to an error on our bid for the trash pump we are not able to deliver the pump at the bid price. We respectfully ask that you consider our bid as non-responsive. We regret any inconvenience this may have caused you.

Thank you,


Ken Birch

Governmental Sales Manager

San Diego
(858) 278-8338

Escondido
(760) 739-9100

Fontana
(909) 429-9100

Indio
(760) 863-5558

Imperial
(760) 355-7700

Godwin

COPY

NOTICE INVITING BIDS

Bid Number 1379

Notice is hereby given that sealed bids will be received by the City of Culver City, California, for furnishing the following:

FURNISH AND DELIVER ONE (1) NEW AND UNUSED PORTABLE SEWER PUMP

in strict accordance with the Specifications on file in the office of the CITY PURCHASING OFFICER, 4343 Duquesne Avenue, Culver City, California, 90232. Copies of specifications and bid documents may be obtained from the PURCHASING OFFICE at that address, telephone number (310) 253-6550.

Original and two copies of the bid must be filed with the CITY CLERK in CITY HALL, 9770 Culver Boulevard, Culver City, California, 90232, not later than **3:00** p.m. on **March 6, 2008**, at which time they will be publicly opened in the Council Chambers on the first floor of City Hall. Facsimile bids will not be accepted. Any bidder may withdraw his bid, without obligation, at any time prior to the scheduled closing time for receipt of bids. A withdrawal will not be effective unless made personally or by telephonic notification received prior to the close of bids. Bids may later be referred to the City Council for appropriate action. The City reserves the right to reject any or all bids as the best interests of the City may dictate.

By:



Ela Valladares, Deputy City Clerk

Published in The Culver City News on February 14, 2008

5

CITY OF CULVER CITY

EQUIPMENT BID SPECIFICATION

BID# 1379

FURNISH AND DELIVER ONE (1) NEW AND UNUSED PORTABLE SEWER PUMP

BID ENVELOPES MUST DESIGNATE BID NUMBER AND DESCRIPTION

TITLE FOR WHICH THE BID IS SUBMITTED

**BIDS MAY BE DELIVERED IN PERSON, OR MAILED TO THE CITY CLERK
IN CITY HALL, 9770 CULVER BOULEVARD, CULVER CITY, CA 90232
ALL BIDS MUST BE RECEIVED NO LATER THAN 3:00 PM ON MARCH 6,
2008.**

**CITY OF CULVER CITY
EQUIPMENT SPECIFICATION BID # 1379**

TABLE OF CONTENTS

A.	INSTRUCTIONS TO BIDDERS	PAGE
	Receipt and Opening of Bids	A1
	Preparation of Bid	A1
	Addenda and Interpretations	A1
	Discretion to Award	A2
B.	BID DOCUMENTS	
	Bid Schedule	B1
	Signature Sheet, Affidavit	B2
C.	GENERAL INSTRUCTIONS	
	General Instruction Sheet	C1
	Technical Specifications	C2

**CITY OF CULVER CITY
EQUIPMENT SPECIFICATION BID #1379**

INSTRUCTIONS FOR BIDDERS

The City of Culver City invites bids on the form attached hereto. Bids will be received by the City Clerk no later than 3:00PM on March 6, 2008.

Envelops containing the *Original Bid and Two Copies* must be sealed and addressed to the City Clerk, City of Culver City, 9770 Culver Blvd., Culver City, California 90232, and must designate the bid number and title of project for which the bid is submitted. The envelope must show the bidder's name, address, bid number and closing date.

Late bids will be rejected. Any alteration of the bid form, additions, deletions, conditions, limitations, or provisions by the bidder will render the bid irregular and may cause its rejection.

Bids may be withdrawn upon written request at any time prior to the time stated for closing of bids. Such request must be signed by the bidder of his/her authorized agent.

PREPARATION OF BID

Each bid must be submitted on the form provided by the City of Culver City. Failure to do so, may cause rejection of the bid.

All blank spaces for the bid prices and within the technical specifications must be completed in ink or typewritten, in figures as appropriate. Bids must be submitted on all items listed under the "Schedule of Works and Prices" unless otherwise indicated on the bid form. All items are to be constructed as new, complete and in place, and prices shown shall be the prices bid to supply all material and labor excluding any applicable taxes (F.O.B. Destination) and services to perform all work required by the specifications. Bidder will not be released on account of errors.

Any erasures or deletions of information entered in this bid must be explained over the signature of the bidder. Modifications submitted separately from this form will not be accepted.

The bid must be signed and dated in ink by an agent duly authorized to commit to this procurement.

**CITY OF CULVER CITY
EQUIPMENT SPECIFICATION BID #1379**

ADDENDA AND INTERPRETATION

No interpretation of the meaning of the specifications or other bid documents will be made to any bidder orally. Bidders are not to contact any individual other than the Purchasing Officer with questions. Every request for such interpretation must be made in writing and addressed to: Purchasing Officer, City of Culver City, 4343 Duquense Ave., Culver City California 90230, and to be given consideration, must be received at least ten (10) days prior to the date fixed for closing of bids. Any and all such interpretations, and any supplemental instructions will be in the form of written addenda to the specifications which, if issued, will be mailed by certified mail with return receipt requested to all known prospective bidders (at the respective addresses furnished for such purposes), not later than seven (7) calendar days prior to the date fixed for the closing of bids.

Addenda required later than seven (7) calendar days prior to the bid closing date may cause a postponement in the bid closing date. Failure of any bidder to receive any such addendum or interpretation shall not ~~relieve such bidder from any obligation under this bid as submitted.~~ All addenda so issued shall become part of the purchase order documents.

DISCRETION TO AWARD

The City of Culver City shall have full discretion to determine the responsiveness of each bid and may reject any bid or all bids because of an improper or non-responsive bid, a non-responsible bidder, or the purchase based on said bids or for other reasons that the purchase becomes infeasible. These bid instructions should be strictly followed by all bidders, however, the City reserves the right to waive any bid irregularity it finds to be of minor value.

Bidder shall hold all bid prices offered for not less than ninety (90) days.

**CITY OF CULVER CITY
EQUIPMENT SPECIFICATION BID #1379**

BID SCHEDULE

SCHEDULE OF WORK AND PRICES FOR: One (1) Portable Sewer Pump.

- A. Unit price will be established, by the City, by dividing the item total (Column 4 by the quantity column).
- B. Do not include sales tax, (applicable taxes will be calculated by the City of Culver City on the grand total submitted).
- C. State, make and model offered in column 3, and furnish detailed specifications and any color photos.

Item	Quantity	Description	Item Total
	1	Godwin CD200M as specified	\$ 24,479.00
Other	1	Accessories as specified	\$ 6,099.00
		GRAND TOTAL	\$ 30,578.00

The grand total submitted (excluding applicable taxes) is subject to verification. If any discrepancy is found, the sum of the item total/s will govern.

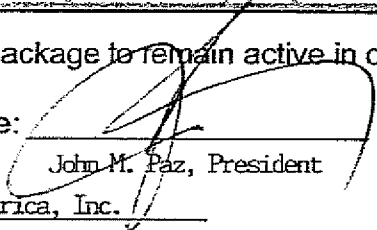
If the time for delivery has not been established by the City (within these specifications) the bidder proposes that the time of delivery will be made (F.O.B. Destination) within 30 calendar days.

The following addenda are acknowledged:

#	Date	#	Date	#	Date	#	Date
1	3/4/08						

{ } Check if "No-Bid". Return this package to remain active in our Vendor Files.

Date: March 4, 2008

Signature: 

John M. Paz, President

Company Name: Godwin Pumps of America, Inc.

10

**CITY OF CULVER CITY
EQUIPMENT SPECIFICATION BID #1379**

SIGNATURE SHEET, AFFIDAVIT

I, John M. Paz

Deposed and say that I am President
("Sole Owner", "A Partner", Title, Etc.)

of - Godwin Pumps of America, Inc.

Company Name

One Floodgate Road

(Address)

Bridgeport

(City)

NJ

(State)

08014

(Zip)

856-467-3636

(Telephone Number, include area code)

Whoever submits this proposal to the City of Culver City declares:

1. That he/she has read these specifications and has abided by and agree to the conditions herein and has carefully read the specifications and do hereby propose to furnish all equipment required in accordance with the specifications and for the item totals list in the Bid schedule.
2. That this bid is genuine, and not sham or collusive, nor made in the interest of, or in behalf of any person not herein named, and that the bidder has not directly or indirectly induced or solicited any other bidder to put in a sham bid, or caused any other person, firm, or corporation to refrain from bidding, and that the bidder has not in any manner sought by collusion to secure an advantage over any other bidder.
3. That the addenda indicated on Page B -1, of this proposal are acknowledged.

I certify or declare under penalty of perjury that the foregoing is true and correct and I am an authorized agent to submit this bid.

John M. Paz, President

Signature

March 4, 2008

Date

**CITY OF CULVER CITY
EQUIPMENT SPECIFICATION bid #1379**

GENERAL CONDITIONS

This specification provides for furnishing equipment and labor in the anticipated amount/s as indicated in these specifications.

The City of Culver City reserves the right to combine various bid items and/or alternates and to purchase separate items where bid quotes are more favorable to the City. The City of Culver City further reserves the right to reject and and/or all bids and to increase or decrease the number of unit/s estimated in each specification section in order to satisfy the City requirements.

The following GENERAL CONDITIONS are applicable to each type of vehicle offered:

- a. Equipment offered shall in all aspects meet and/or exceed all requirements of the Federal Government for safety standards for the current model year equipment offered.
- b. All equipment offered as standard by the manufacturer shall be provided.
- c. All regular pre-delivery and warranty services shall be provided for.
- d. Successful vendor/bidder/s shall furnish two (2) copies (each) of the current "Operators", "Maintenance" and "Parts" manuals for the exact equipment offered.
- e. All unit/s scheduled for earliest possible delivery after award of bid. Bidder to state delivery time, which will be considered as a condition of award.
- f. In evaluating bids, the City will take into consideration the sales tax differential return to the City from local vendors (if applicable) if the low bid/s are separated by less than one percent (1%).
- g. Technical specifications contained herein, including brand references, are not the City's absolute requirements but rather represent a level of performance or quality desired in the City's opinion. Comparable equipment options/features to satisfy the specifications herein in alternate ways will be considered. Alternate offers are to be supported by exact specifications and exact descriptive literature that fully describes the item(s) offered.

**CITY OF CULVER CITY
EQUIPMENT SPECIFICATION BID #1379**

TECHNICAL SPECIFICATIONS	CITY OF CULVER CITY
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**Section one (1) Technical Specifications: One (1) New and Unused
Portable Sewer Pump**

Contract(s) shall be awarded to the vendor or vendors submitting the most responsible bid (s) for the equipment. These specifications are in two parts.

In Column 2, after each specification item, the bidder shall indicate that the item being bid is exactly as specified, or describe any deviation from the detailed specification. Any additions, deletions, or variations from the following specifications must be noted. Any items appearing in the manufacturer's regular published specifications furnished by the Bidder are assumed to be included in the Bidder's proposal. Any additions, deletions, or variations from the manufacturer's regular published specifications must be outlined in an attached letter. Any unanswered columns shall be considered as non-compliance to that particular item.

INSTRUCTIONS TO BIDDER

Enter a comment in column 2 to indicate that the item offered is exactly as specified, or varies from the specification. Fully and clearly explain each variance. Further, answer 'yes' or be capable of giving an alternate. This unit may be referred to as a "Refuse Trailer" for identification purposes.

COLUMN 1 ITEM SPECIFICATIONS	COLUMN 2 BIDDER'S PROPOSAL
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PART ONE – GENERAL

1.1 PROJECT SCOPE

1.1.1 Culver City is seeking sealed bids for one (1) 8" x 8" Trailer Mounted Trash Pump. For procedural questions please contact the Purchasing Officer Margarita Lee (310) 253-6552 for technical questions please contact Steve Finton, Senior Civil Engineer (310) 253-6406.

Exactly _____

1.1.2 The pump offered shall be the manufacturer's standard production model. The manufacturer shall have a minimum of five (5) years experience in the manufacturing of portable trash pumps and shall have pumps in continuous use by municipal and industrial owners for a minimum of three (3) years. The manufacturer shall submit a list of five municipalities within California including contact names and telephone numbers that have the proposed pump model in service.

Exactly

1.1.3 The portable pump shall be delivered to Culver City within ten days of written bid award notification.

Exactly

1.2 SYSTEM DESCRIPTION

1.2.1 The portable trash pump specified in this section will be used to pump wastewater with solids. The pump shall be capable of operating at design in all forms of weather that is typically found in Southern California, particularly in temperatures ranging from 33°F to 100°F.

Exactly

1.2.2 The pump and accessories shall be supplied by the pump manufacturer.

Exactly

1.2.3 The pump shall be fitted with a fully-automatic priming system incorporating an air compressor, air ejector assembly, and an air/water separation tank. The priming system shall be capable of priming the pump from a completely dry pump casing. The air ejector shall operate on the discharge side of the compressor, eliminating the possibility of water being drawn into the air source. The pump must be capable of running totally dry for periods up to twenty-four hours, then re-priming and returning to normal pumping volumes.

Exactly

1.2.4 The priming system shall not use a vacuum or diaphragm pump, nor require the use of a "Foot"-type valve. It shall contain no moving parts or protective float gear. A

demonstration of the pump's ability to repeatedly cycle from dry suction / pump / snore / repriming / shall be required. This will necessitate the draining of all residual water from the pump case to initiate a dry suction starting condition.

Exactly

1.2.5 The diesel engine driven pump unit shall be mounted on a trailer suited for highway travel at 65 M.P.H. and wired for over-the-road usage in compliance with California Vehicle Code regulations.

Exactly

1.2.6 Pump and priming system shall be fully automatic, needing no form of adjustment or manual addition of water for the priming system. The pump shall be capable of static suction lifts to twenty-eight vertical feet, at sea level. It shall also be capable of operation using extended suction lines.

Exactly

1.2.7 Equipment acceptance shall be contingent upon the pumps ability to run continuously at full speed in a completely dry condition for periods up to twenty-four hours. This may require the draining of all residual water in the pump casing to simulate a dry suction/case condition. A demonstration may be required by the Culver City or its appointed designee.

Exactly

1.3 DESIGN REQUIREMENTS

1.3.1 OPERATING SPEED (MAXIMUM)
2200 RPM

1.3.2 MAXIMUM SOLIDS HANDLING SIZE
3 INCHES

Exactly

1.3.3 IMPELLER DIAMETER 11.2 INCHES

1.3.4 SUCTION SIZE 8 INCHES

1.3.5 DISCHARGE SIZE 8 INCHES

1.3.6 MAXIMUM SUCTION LIFT 28 FEET

1.3.7 MAXIMUM DUTY POINT 1850 GPM
AT 80'TDH

(INCLUDING A 20' SUCTION LIFT)

1.3.8 SECOND DUTY POINT 1600 GPM AT
120'TDH
(INCLUDING A 15' SUCTION LIFT)

1.4 REFERENCES

**1.4.1 ANSI B16.1 - Standard for Cast Iron
Pipe Flanges and Flanged Fittings.**

PART TWO – PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS

2.1.1 The pump shall be a Model CD200M, size 8" x 8" as manufactured by GODWIN PUMPS, Bridgeport, New Jersey or equal.

2.2 EQUIPMENT

2.2.1 CASING, SUCTION COVER, SEPARATION TANK: Pump castings shall be cast iron. Pump design shall incorporate a direct suction flow path that is in axial alignment with the impeller eye. There shall be no turns, chambers, or valves between the suction flange and the impeller eye. Pump end shall be manufactured to ISO 9002 specifications.

Exactly

2.2.2 IMPELLERS: The pump impeller shall be an open, three-bladed, non-clog type with pump-out vanes on the back shroud and fabricated from hardened cast-chromium steel construction (minimum Brinell Hardness 340 HB).

Exactly

2.2.3 WEARPLATES: Shall be fully adjustable and replaceable, fabricated of cast iron. Wear plate clearances shall have no relationship to the ability of the pump to achieve a prime.

Exactly

2.2.4 BEARINGS AND SHAFTS: Pump shall be fitted with a bearing bracket to contain the shaft and bearings. Bearings shall be tapered roller bearings of adequate size to withstand imposed loads for sustained pumping at maximum duty points. Minimum ISO L₁₀ bearing life to be 100,000 hours. Impeller shafts shall be fabricated of 1.5% chromium alloy.

Exactly

2.2.5 SEALS: Seals shall be high pressure, mechanical self-adjusting type with silicon carbide faces capable of withstanding suction pressures to 100 psi. The mechanical seal shall be cooled and lubricated in an oil bath reservoir, requiring no maintenance or

adjustment. Pump shall be capable of running dry, with no damage, for periods up to twenty-four hours. All metal parts shall be of stainless steel. Elastomers shall be Viton.

Exactly

2.2.6 PUMP SUCTION AND DISCHARGE FLANGES: Shall be cast iron ANSI (B16.1) Class 150, raised faced with 8" Bauer fittings.

Exactly

2.2.7 PUMP GASKETS: Shall be compressed fiber and/or Teflon.

Exactly

2.2.8 PUMP O RINGS: Shall be Viton.

Exactly

2.2.9 PRIMING SYSTEM: Pump shall be fitted with a fully automatic priming system incorporating a twin-cylinder compressor and air ejector assembly, no vacuum pump. The compressor shall be installed on the engine auxiliary drive and shall be belt driven, lubricated and cooled from the engine. The priming system shall require no fail-safe protection float gear or any adjusting at high or low suction lifts and positive pressure condition priming shut out valve shall be included.

Exactly

2.2.10 CHECK VALVE: Pump shall be supplied with an integral ball-type check valve mounted on the discharge of the pump, allowing unrestricted flow from the impeller. The check valve shall prevent in-line return of flow when the pump is shut off. Nonreturn valve elastomers shall be Nitrile rubber and shall be field replaceable.

Exactly

2.2.11 DRIVE UNIT: The drive unit shall be a diesel water-cooled engine. The engine shall drive the pump by use of direct-connected intermediate drive plate. Starter shall be twelve-volt electric. Safety shut down switches for low oil pressure and high temperature shall be provided. Battery shall have 180 amp hour rating. Unit shall include a tachometer and an hour meter. Drive unit shall be a John Deere 4045D or equal, rated at 71 H.P. (continuous) at 2200 R.P.M. A

certified continuous-duty engine curve shall be supplied to the owner/engineer.

Exactly

2.2.11.1 EMISSIONS. The diesel engine provided shall be a Tier 3 engine in compliance with the Portable Diesel-Fueled Engines Air Toxic Control Measure (ATCM) promulgated by the California Environmental Protection Agency Air Resources Board.

Exactly

2.2.12 GOVERNOR: Governor shall be a mechanical type. Engine speed shall be adjustable to operate the pump between maximum and minimum design operation speeds.

Exactly

2.2.13 FUEL SOURCE: Integral skid fuel tank capacity shall be sufficient to provide a minimum of twenty hours of operating time at full load. The engine shall be capable of operating satisfactorily on a commercial grade of distilled No. 2 fuel oil. Fuel tank capacity shall be a minimum of 60 gallons.

Exactly

2.2.14 EXHAUST: Exhaust system shall include hospital grade muffler, cowl type.

Exactly

2.2.15 BASE: The pump and engine shall be mounted with an integral fuel tank. The fuel tank shall be equipped with drain plugs.

Exactly

4.1.1 TRAILER: The pump, engine and tank shall be trailer mounted with a pintle type trailer hitch. Tires and torsion bar suspension shall be adequately sized for the required load range ratings. Trailers shall be equipped with fenders, lights, front and rear support stand, lifting bar, safety chains and side and rear reflectors. Trailer design shall be in compliance with applicable California Vehicle Code provisions.

Exactly

4.1.2 CONTROL PANEL: The control panel shall at a minimum be equipped with tachometer, a non-resettable hour meter, engine temperature gauge, oil pressure gauge, voltage output gauge and keyed start on/off switch.

Exactly

2.3 FACTORY PAINTING

2.3.1 Pump, engine, base, and trailer shall be shop primed and finish painted at the place of manufacturer. Materials and dry film thickness for priming and finish paint shall be in accordance with manufacturer's standards.

Exactly

PART THREE – EXECUTION

3.1 MANUFACTURERS SERVICES

3.1.1 The manufacturer shall furnish the services of a competent factory representative to do the following:

3.1.1.1 Inspect the system prior to delivery, supervise the start up and testing of the system, and certify the system has been properly furnished and is ready for operation.

Exactly

3.1.1.2 Instruct the owner's operating personnel in the proper operation and maintenance of the system for a period of not less than one-half day.

Exactly

3.2 TOOLS AND SPARE PARTS

3.2.1 The manufacturer shall furnish the following with the Portable Trash Pump System:

3.2.1.1 A recommended list of spare parts.

Exactly

3.2.1.2 Three Sets of Operations and Maintenance manuals complete with breakdown drawings.

Exactly

3.2.1.3 One set of Equipment breakdown drawings shall be submitted in electronic format (i.e. autocad).

Exactly

3.2.1.4 One quart of matching touch-up paint.

Exactly

3.3 WARRANTY

3.3.1 The manufacturer shall furnish the following to the owner:

3.3.1.2 A one-year Parts and Labor Warranty issued by the manufacturer on the Portable Trash Pump System. This warranty must cover all pump parts, including the mechanical seal.

Exactly

PART 4 - EXCEPTIONS TO SPECIFICATIONS:

4.1 If a bidder wishes to propose a product that does not exactly match the specifications above, on a separate page he shall provide a complete list of all deviations and an explanation of how the proposed product meets or exceeds each line of the above specifications.

Exactly

PART 5 - OPTIONS:

- (1) One each: 12 Volt Automatic Battery Charger, 115 Volt, Single Phase,
- (2) Two each: 30' segments of 8" diameter suction hose with compatible couplings.
- (3) Two each: 30' segments of discharge line with compatible couplings.

Exactly

Bid # 1379 Addendum #1

The Equipment Bid Specification

**ATTENTION BIDDERS: Change Bid Opening Date from March 6th to
March 13, 2008 at 3:00 pm.**

The following additions, modifications, and clarifications to the specifications shall be included in, and become a part of, any contract which may be executed for the above bid:

1. Change Technical Specifications, Part 2 – Products, Subsection 2.2.5 to read as follows:

"2.2.5 SEALS: Seals shall be high pressure, mechanical self-adjusting type with silicon carbide faces capable of withstanding suction pressures to 40 psi. The mechanical seal shall be cooled and lubricated in an oil bath reservoir, requiring no maintenance or adjustment. Pump shall be capable of running dry, with no damage, for periods up to twenty-four hours. All metal parts shall be of stainless steel. Elastomers shall be Viton."

2. Change Technical Specifications, Part 5 – Options to read as follows:

"PART 5 - OPTIONS:

- (1) One each: 12 Volt Automatic Battery Charger, 115 Volt, Single Phase,
- (2) Two each: 15' segments of 8" diameter heavy duty black suction hose with 8" Bauer quick disconnect fittings.
- (3) Three each: 10' segments of 8" diameter heavy duty black suction hose with 8" Bauer quick disconnect fittings.
- (4) One each: 10' segment of 8" diameter lay flat discharge hose rated for 150 psi with Bauer quick disconnect fittings.
- (5) One each: 15' segment of 8" diameter lay flat discharge hose rated for 150 psi with Bauer quick disconnect fittings.
- (6) One each: 50' segment of 8" diameter lay flat discharge hose rated for 150 psi with Bauer quick disconnect fittings.
- (7) One each: 8" female Bauer X 8" flange fitting (for connection to 8" flanged force main)
- (8) One each: 8" female Bauer X 6" male cam lock fitting." (for connection to existing city-owned 6" cam lock hose)