



City of Grand Island

Tuesday, August 12, 2014

Council Session

Item G-16

#2014-214 - Approving Bid Award for One (1) Automated Oil & Grease Extraction System for the Wastewater Division

Staff Contact: John Collins, P.E. - Public Works Director

Council Agenda Memo

From: Marvin Strong PE, Wastewater Plant Engineer

Meeting: August 12, 2014

Subject: Approving Bid Award for One (1) Automated Oil & Grease Extraction System for the Wastewater Division

Item #'s: G-16

Presenter(s): John Collins PE, Public Works Director

Background

On July 18, 2014 the Wastewater Division of the Public Works Department advertised for bids for one (1) Automated Oil & Grease Extraction System. There was one (1) potential bidder.

This piece of equipment is used for analyzing samples for oil and grease as required by the permit. This equipment will eliminate the safety hazards that are present in the current manual procedure performed in the laboratory. It will also save up to 90% on chemical cost, and significantly reduce personnel time spent on performing the analysis. The payback on this equipment is less than 1 ½ years between labor and chemical savings.

Discussion

One (1) bid was received and opened on July 29, 2014. The bid was submitted in compliance with the plans and specifications. A summary of the bid is shown below.

<i>Bidder</i>	<i>Exceptions</i>	<i>Base Bid</i>
Horizon Technology, Inc. of Salem, New Hampshire	None	New System = \$28,048.97 Vacuum Pump Kit = \$ 1,286.00 SpeedVap III Evaporator System = \$ 3,530.00 GRAND TOTAL BID = \$32,864.97

The original bid solicitation was for the extraction system solely and didn't include the vacuum pump kit or evaporator system, which are both needed in order to operate this piece of equipment. The base bid of \$28,048.97 is for the extraction system exclusively.

Account No. 53030051-85531 will fund this purchase.

Alternatives

It appears that the Council has the following alternatives concerning the issue at hand. The Council may:

1. Move to approve
2. Refer the issue to a Committee
3. Postpone the issue to future date
4. Take no action on the issue

Recommendation

City Administration recommends that the Council approve awarding the bid to Horizon Technology, Inc. of Salem, New Hampshire in the amount of \$32,864.97.00.

Sample Motion

Move to approve the bid award.



Stacy Nonhof, Purchasing Agent

*Working Together for a
Better Tomorrow, Today*

BID OPENING

BID OPENING DATE: July 29, 2014 at 2:00 p.m.
FOR: (1) Automated Oil & Grease Extraction System
DEPARTMENT: Public Works
ESTIMATE: \$40,229.02
FUND/ACCOUNT: 53030051-8553
PUBLICATION DATE: July 18, 2014
NO. POTENTIAL BIDDERS: 1

SUMMARY

Bidder: Horizon Technology
Salem NH
Exceptions: None
Bid Price: \$28,048.97

cc: John Collins, Public Works Director
Mary Lou Brown, City Administrator
Stacy Nonhoff, Purchasing Agent

Catrina DeLosh, PW Admin. Assist.
Jaye Monter, Finance Director
Dallas Powell, WWTP Lab Tech

P1746



Oil & Grease

SPE-DEX® 1000/3000XL | SpeedVap™ III

Horizon Technology, Inc. | Salem, NH USA

Oil & Grease

- ▶ Extract oil & grease from a wide range of clean and dirty aqueous samples
- ▶ EPA method 1664A/1664B (Waste Water):
 - ✓ n-hexane Extractable Materials (HEM)
 - ✓ n-hexane Extractable Non-Polar Materials not absorbed by silica gel (SGT-HEM)
- ▶ Final measurement is gravimetric



SPE-DEX® 3000XL with Controller v2.2



- ▶ Designed for **Oil and Grease** analytes only
- ▶ Fully compliant with EPA Methods 1664A and 1664B
- ▶ Bench-top design, frees up hood space.
- ▶ All stations are independent of one another
- ▶ Handles influent samples with high particulate loading
- ▶ Automatically delivers all the necessary solvents
- ▶ Uses the original sample container
- ▶ Rinses the sample container automatically
- ▶ Reduces analyst-to-analyst variations
- ▶ Eliminate instrument carryover
- ▶ Reduces labor costs
- ▶ Reduces solvent costs
- ▶ Increases sample throughput

SpeedVap™ III | Solvent Evaporation System



- ▶ Can be used for both SPE and LLE extractions
- ▶ Applies gentle, consistent heating of extracts
- ▶ Uses a vacuum to swirl the extract for even evaporation
- ▶ Keeps extracts covered for contaminant free process
- ▶ Reduces evaporation times by 25-50%
- ▶ Accommodates from 5 to 9 extract pans
- ▶ Bench-top design, frees up hood space

RESOLUTION 2014-214

WHEREAS, the City of Grand Island invited sealed bids for one (1) Automated Oil & Grease Extraction System, according to specifications on file with the Public Works Department; and

WHEREAS, on July 29, 2014 bids were received, opened, and reviewed; and

WHEREAS, Horizon Technology, Inc. of Salem, New Hampshire submitted a bid in accordance with the terms of the advertisement of bids and specifications and all other statutory requirements contained therein, such bid being in the amount of \$32,864.97, and

WHEREAS, Horizon Technology, Inc.'s bid was below the estimate for such equipment; and

WHEREAS, funds are available in the Fiscal Year 2013/2014 budget for such purchase.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the bid of Horizon Technology, Inc. of Salem, New Hampshire in the amount of \$32,864.97 for one (1) Automated Oil & Grease Extraction System is hereby approved.

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Adopted by the City Council of the City of Grand Island, Nebraska, August 12, 2014.

Jay Vavricek, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	▣ _____
August 11, 2014	▣ City Attorney