



August 15, 2016
 Kearney, Nebraska

Mayor and City Council
 City of Lexington
 P.O. Box 70
 406 East 7th Street
 Lexington, NE 68850

Re: Solids Dewatering Facility Equipment
 Project No. 127-D1-055

Dear Council Members:

On June 23rd at 2:00 PM, five bids were received, publicly opened, and read aloud at the City of Lexington. Bids for two alternate types of equipment were desired. The alternate systems are a "centrifuge" system or "screw press" system. Proposals for two sizes of each system were also bid as Options A and B. Option A is the smaller capacity option. The advantage of the larger equipment is additional treatment capacity or shorter operation times. After the equipment is selected a pilot study will be performed by the selected manufacturer to prove his equipment efficiency on Lexington's actual sludge. Upon completion of a pilot study with acceptable results, the equipment will be ordered. In the interim of the testing, the location and ancillary items will be designed to accommodate the specific equipment.

Attached is a bid tabulation sheet. The bids are summarized below:

BIDDERS	CENTRIFUGE OPTION A	CENTRIFUGE OPTION B	SCREW PRESS OPTION A	SCREW PRESS OPTION B
GEA Mechanical Northvale, NJ	\$420,000	\$460,000	<i>No Bid</i>	<i>No Bid</i>
Flottweg Separation Independence, KY	\$530,052	\$630,370	<i>No Bid</i>	<i>No Bid</i>
Centrisys Corporation Kenosha, WI	\$558,300	\$623,700	<i>No Bid</i>	<i>No Bid</i>
Schwing Bioset Somerset, WI	<i>No Bid</i>	<i>No Bid</i>	\$538,300	\$785,900
Huber Technology Huntersville, NC	<i>No Bid</i>	<i>No Bid</i>	\$582,013	\$582,013

All proposals have been reviewed and only one addition error was noted on Flottweg's bid. The corrected totals are reflected above. The Contractor's completion date for this contract is 365 days from Notice of Award.

The Engineer's Opinion of Probable Construction Cost was \$761,000. The low bid from GEA Mechanical Equipment US, Inc. is 39.5% below the Engineer's Opinion of Probable Construction Cost. Equipment options were reviewed with City Staff, and based on those



discussions, it is recommended the bids be accepted and the contract awarded to GEA Mechanical Equipment US. Inc. for the larger centrifuge, Option B, in the amount of \$460,000.

Respectfully submitted,
MILLER & ASSOCIATES
CONSULTING ENGINEERS, P.C.

A handwritten signature in cursive script, appearing to read "Reed", is positioned above the typed name.

Reed A. Miller, P.E.

RAM/ad

Enclosures

Date Opened: June 23, 2016				1		2		3		4		5		
at 2:00 P.M.				GEA Mechanical		Flottweg Separation		Centrisys		Schwing Bioset		Huber Technology		
Project Name: Solids Dewatering Facility Equipment Procurement														
Project Location: Lexington, Nebraska				Centrifuge Option A		Centrifuge Option A		Centrifuge Option A		Centrifuge Option A		Centrifuge Option A		
Project Number: 127-D1-055				\$ 420,000.00		\$ 530,052.00		\$ 558,300.00		NO BID		NO BID		
				Centrifuge Option B		Centrifuge Option B		Centrifuge Option B		Centrifuge Option B		Centrifuge Option B		
				\$ 460,000.00		\$ 630,370.00		\$ 623,700.00		NO BID		NO BID		
				Screw Press Option A		Screw Press Option A		Screw Press Option A		Screw Press Option A		Screw Press Option A		
				NO BID		NO BID		NO BID		\$ 538,300.00		\$ 582,013.00		
				Screw Press Option B		Screw Press Option B		Screw Press Option B		Screw Press Option B		Screw Press Option B		
				NO BID		NO BID		NO BID		\$ 785,900.00		\$ 582,013.00		
Addendums Issued/Acknowledged: 1														
Bid Guarantee (type and amount)														
No.	Description	Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	
BASE BID PROPOSAL SCHEDULE (SECTION 11280 – CENTRIFUGE, OPTION A)														
PART A														
1	Verification of Equipment via Pilot Testing	LS	1		Included	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00					
PART B														
2	Bonds and Insurances	LS	1		Included	\$ 18,000.00	\$ 18,000.00	\$ 8,370.00	\$ 8,370.00					
3	Shop Drawings	LS	1		Included	\$ 200.00	\$ 200.00	\$ 16,800.00	\$ 16,800.00					
4	Furnish and Ship Dewatering Equipment & Appurtenances	LS	1	\$ 420,000.00	\$ 420,000.00	\$ 495,552.00	\$ 495,552.00	\$ 505,930.00	\$ 505,930.00					
5	Spare Parts	LS	1		Included	\$ 1,000.00	\$ 1,000.00	\$ 5,500.00	\$ 5,500.00					
6	Provide Start-up Services	LS	1		Included	\$ 10,000.00	\$ 10,000.00	\$ 16,500.00	\$ 16,500.00					
7	O&M Manual	LS	1		Included	\$ 300.00	\$ 300.00	\$ 200.00	\$ 200.00					
TOTAL BASE PROPOSAL (SECTION 11280 – CENTRIFUGE, OPTION A BID)						\$ 420,000.00		\$ 530,052.00		\$ 558,300.00		NO BID		NO BID
BASE BID PROPOSAL SCHEDULE (SECTION 11280 – CENTRIFUGE, OPTION B)														
PART A														
1	Verification of Equipment via Pilot Testing	LS	1		Included	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00					
PART B														
2	Bonds and Insurances	LS	1		Included	\$ 18,000.00	\$ 18,000.00	\$ 9,750.00	\$ 9,750.00					
3	Shop Drawings	LS	1		Included	\$ 200.00	\$ 200.00	\$ 16,800.00	\$ 16,800.00					
4	Furnish and Ship Dewatering Equipment & Appurtenances	LS	1	\$ 460,000.00	\$ 460,000.00	\$ 595,870.00	\$ 595,870.00	\$ 568,850.00	\$ 568,850.00					
5	Spare Parts	LS	1		Included	\$ 1,000.00	\$ 1,000.00	\$ 6,600.00	\$ 6,600.00					
6	Provide Start-up Services	LS	1		Included	\$ 10,000.00	\$ 10,000.00	\$ 16,500.00	\$ 16,500.00					
7	O&M Manual	LS	1		Included	\$ 300.00	\$ 300.00	\$ 200.00	\$ 200.00					
TOTAL BASE PROPOSAL (SECTION 11280 – CENTRIFUGE, OPTION B BID)						\$ 460,000.00		\$ 630,370.00		\$ 623,700.00		NO BID		NO BID

			1 GEA Mechanical	2 Flottweg Separation	3 Centrisys	4 Schwing Bioset	5 Huber Technology		
BASE BID PROPOSAL SCHEDULE (SECTION 11290 – SCREW PRESS, OPTION A)									
PART A									
1	Verification of Equipment via Pilot Testing	LS	1			\$ 10,000.00	\$ 10,000.00	\$ 7,500.00	\$ 7,500.00
PART B									
2	Bonds and Insurances	LS	1			\$ 8,900.00	\$ 8,900.00	\$ 12,338.00	\$ 12,338.00
3	Shop Drawings	LS	1			\$ 23,800.00	\$ 23,800.00	\$ 54,458.00	\$ 54,458.00
4	Furnish and Ship Dewatering Equipment & Appurtenances	LS	1			\$ 463,464.00	\$ 463,464.00	\$ 462,888.00	\$ 462,888.00
5	Spare Parts	LS	1				Not Provided		Not Provided
6	Provide Start-up Services	LS	1			\$ 27,136.00	\$ 27,136.00	\$ 17,600.00	\$ 17,600.00
7	O&M Manual	LS	1			\$ 5,000.00	\$ 5,000.00	\$ 27,229.00	\$ 27,229.00
TOTAL BASE PROPOSAL (SECTION 11290 – SCREW PRESS, OPTION A BID)				NO BID	NO BID	NO BID	\$ 538,300.00		\$ 582,013.00
BASE BID PROPOSAL SCHEDULE (SECTION 11290 – SCREW PRESS, OPTION B)									
PART A									
1	Verification of Equipment via Pilot Testing	LS	1			\$ 10,000.00	\$ 10,000.00	\$ 7,500.00	\$ 7,500.00
PART B									
2	Bonds and Insurances	LS	1			\$ 13,200.00	\$ 13,200.00	\$ 12,338.00	\$ 12,338.00
3	Shop Drawings	LS	1			\$ 35,500.00	\$ 35,500.00	\$ 54,458.00	\$ 54,458.00
4	Furnish and Ship Dewatering Equipment & Appurtenances	LS	1			\$ 695,064.00	\$ 695,064.00	\$ 462,888.00	\$ 462,888.00
5	Spare Parts	LS	1			\$ -	\$ -		Not Provided
6	Provide Start-up Services	LS	1			\$ 27,136.00	\$ 27,136.00	\$ 17,600.00	\$ 17,600.00
7	O&M Manual	LS	1			\$ 5,000.00	\$ 5,000.00	\$ 27,229.00	\$ 27,229.00
TOTAL BASE PROPOSAL (SECTION 11290 – SCREW PRESS, OPTION B BID)				NO BID	NO BID	NO BID	\$ 785,900.00		\$ 582,013.00