

**City Council
Agenda Memo**



**City Council
Meeting Date: December 18, 2014**

TO: David A. Vela, Interim City Manager

FROM: Tommy O'Brien, Director of Water Utilities

SUBJECT: Written Resolution Authorizing Execution of a Contract for the Possum Kingdom Raw Water Roughing Facility Microfiltration Equipment – Second-Stage Drought Projects

GENERAL INFORMATION

On October 22, 2014 the City sold 2014 Series Certificates which included funds allocated for equipment procurement for the Possum Kingdom Raw Water Roughing Facility. This project is associated with implementing Possum Kingdom Lake as a raw water supply under the City's Second-Stage Short-term Drought Strategy.

The City issued a Notice for Bids through advertisements in the Abilene Reporter News on November 2, 2014 and November 9, 2014 for interest for submitting bids on microfiltration equipment for the Possum Kingdom Raw Water Roughing Facility. On November 19, 2014, three (3) entities submitted bids in responses to the Notice for Bids.

Bids were evaluated by the City's Consulting Engineer for responsiveness and for conformity to all material conditions of the Contract Documents. City Staff has received and reviewed the Engineer's Recommendation of Award for a contract associated with microfiltration equipment procurement for the Possum Kingdom Raw Water Roughing Facility in the amount of \$2,437,500.

FUNDING/FISCAL IMPACT

The proposed microfiltration equipment procurement for the Possum Kingdom Raw Water Roughing Facility will be funded from the proceeds of the 2014 Series Certificates that were sold on October 22, 2014. The contract will be administered and paid through the Council authorized Construction Manager at Risk agreement.

STAFF RECOMMENDATION

Staff recommends approval of a written resolution awarding microfiltration equipment procurement for the Raw Water Roughing Facility to Pall Corporation as recommended by the City's Consulting Engineer, and that the City Council authorize the City Manager to negotiate and execute a contract with Pall Corporation. The executed contract will be assigned to the Council authorized Construction Manager at Risk for performance.

ATTACHMENTS

Written Resolution
Engineer's Recommendation of Award and Bid Tabulation

Prepared by: Name <u>Tommy O'Brien</u> Title <u>Director of Water Utilities</u>	Item No. _____	Disposition by City Council <input type="checkbox"/> Approved Ord/Res# _____ <input type="checkbox"/> Denied <input type="checkbox"/> Other _____ City Secretary
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RESOLUTION NO. _____

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF ABILENE, TEXAS AUTHORIZING THE EXECUTION OF A CONTRACT FOR THE POSSUM KINGDOM RAW WATER ROUGHING FACILITY MICROFILTRATION EQUIPMENT AS PART OF THE SECOND-STAGE SHORT-TERM DROUGHT STRATEGY.

WHEREAS, in response to the on-going drought and as part of the City of Abilene's overall second-stage, short-term drought response strategy, the City is implementing Possum Kingdom Lake as a raw water supply; and

WHEREAS, On October 22, 2014 the City sold 2014 Series Certificates which included funds allocated for equipment procurement for the Possum Kingdom Raw Water Roughing Facility; and

WHEREAS, on November 2, 2014 and November 9, 2014 the City published notice for bids in the Abilene Reporter News for microfiltration equipment for the Possum Kingdom Raw Water Roughing Facility receiving three (3) responses on November 19, 2014; and

WHEREAS, all bids were evaluated by the City's Consulting Engineer for responsiveness and for conformity to all material conditions of the Contract Documents and a Recommendation of Award for a contract associated with microfiltration equipment procurement for the Possum Kingdom Raw Water Roughing Facility in the aggregate amount of \$2,437,500 was presented to and reviewed by the City staff; and

WHEREAS, staff recommends awarding microfiltration equipment procurement for the Possum Kingdom Raw Water Roughing Facility to Pall Corporation as recommended by the City's Consulting Engineer as delineated in Exhibit A.

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF ABILENE, TEXAS:

The Interim City Manager is hereby authorized to negotiate and execute a microfiltration equipment contract related to Possum Kingdom Raw Water Roughing Facility with Pall Corporation as recommended by the City's Consulting Engineer.

ADOPTED this 18th day of December, 2014.

ATTEST:

Danette Dunlap, City Secretary

Norman Archibald, Mayor

APPROVED:

T. Daniel Santee, City Attorney

Exhibit A

Consulting Engineer Letter of Recommendation and Bid Tabulation



December 5, 2014

Mr. Tommy O'Brien, PE
Director of Water Utilities
City of Abilene
P.O. Box 60
Abilene, TX 79604

**Re: Recommendation of Award
Raw Water Roughing Facility – Membrane Filtration Equipment Procurement**

Dear Mr. O'Brien:

As part of the City of Abilene's second-stage drought response strategy, a membrane filtration equipment procurement package for the proposed Possum Kingdom Raw Water Roughing Facility was released for bids on November 2, 2014. Bids for the equipment were opened on Wednesday, November 19, 2014. A total of three (3) bids were received, and I have attached a copy of the Bid Tabulation. The apparent low bidder is as follows:

- Bid Item 1 and 2: Membrane Filtration Equipment – Pall Corporation

Enprotec / Hibbs & Todd, Inc. (eHT) has evaluated the responsiveness of apparent low bidder for conformity with all material conditions of the Invitation for Bids and the Instruction to Bidders. In the proposal evaluation, points in each category were awarded completely to a single bidder based on performance in that category. Out of 100 total points available, points were awarded to each supplier as follows:

- H2O Innovation USA, Inc. – 40
- Pall Corporation – 50
- Metawater USA, Inc. - 10

Environmental, Civil & Geotechnical Engineers

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PE Firm Registration No. 1151
PG Firm Registration No. 50103
RPLS Firm Registration Nos. 10011900 & 10007300



Mr. Tommy O'Brien
December 5, 2014
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Based on our evaluation, eHT recommends award of contracts to the following Manufacturer for membrane filtration equipment associated with the proposed Possum Kingdom Raw Water Roughing Facility associated with the City's second-stage drought response strategy. The bid items included in our recommendation for Bid Schedule A-4 and Bid Schedule A-5 will allow for an initial production capacity of the facility of 10 million gallons per day. The amount of recommended contract award is \$2,437,500.00.

- Bid Schedule A-4 Base Bid Expedited Schedule - Bid Item 1 and 2: Membrane Filtration Equipment – Pall Corporation
- Bid Schedule A-5 Additive Alternate No. 1 Expedited Schedule – Bid Items 1 and 2: Membrane Filtration Equipment – Pall Corporation

We look forward to working with the City of Abilene as this project moves into the construction phase.

Sincerely,

Enprotec / Hibbs & Todd, Inc.

Scott F. Hibbs, P.E.

Attachment: Bid Tabulation

c: Rodney Taylor, Assistant Director of Water Utilities
Project File 6103

P:\Projects\Abilene, City of\6103 PK Drought Response Improvements\4. Bidding Phase\Bidding Documents\Membrane Filtration Equipment Procurement\Evaluation\Recommendation of Award_V2.docx

TABULATION OF BIDS FOR: Membrane Filtration Equipment Procurement, City of Abilene, Texas

BIDS RECEIVED: 11/19/2014

BID SCHEDULE A-1 BASE BID STANDARD SCHEDULE			H2O Innovation USA, Inc.	PALL Corporation	Metawater USA, Inc.
Item No.	Unit	Item	Amount	Amount	Amount
1	LS	Membrane Filtration System	\$ 2,227,778.00	\$ 1,855,300.00	\$ 7,695,000.00
2	LS	Construction Phase Services	\$ 75,061.00	\$ 294,700.00	\$ 405,000.00
TOTAL CAPITAL COST (Items 1 & 2)			\$ 2,302,839.00	\$ 1,950,000.00	\$ 8,100,000.00

BID SCHEDULE A-2 ADDITIVE ALTERNATE NO. 1 STANDARD SCHEDULE			H2O Innovation USA, Inc.	PALL Corporation	Metawater USA, Inc.
Item No.	Unit	Item	Amount	Amount	Amount
1	LS	Membrane Filtration System	\$ 667,861.00	\$ 445,000.00	\$ 3,705,000.00
2	LS	Construction Phase Services	\$ 10,061.00	\$ 5,000.00	\$ 195,000.00
TOTAL CAPITAL COST (Items 1 & 2)			\$ 677,922.00	\$ 450,000.00	\$ 3,900,000.00

BID SCHEDULE A-3 ADDITIVE ALTERNATE NO. 2 STANDARD SCHEDULE			H2O Innovation USA, Inc.	PALL Corporation	Metawater USA, Inc.
Item No.	Unit	Item	Amount	Amount	Amount
1	LS	Membrane Filtration System	\$ 487,837.00	\$ 395,000.00	\$ 3,040,000.00
2	LS	Construction Phase Services	\$ 8,914.00	\$ 5,000.00	\$ 160,000.00
TOTAL CAPITAL COST (Items 1 & 2)			\$ 496,751.00	\$ 400,000.00	\$ 3,200,000.00

BID SCHEDULE A-4 BASE BID EXPEDITED SCHEDULE			H2O Innovation USA, Inc.	PALL Corporation	Metawater USA, Inc.
Item No.	Unit	Item	Amount	Amount	Amount
1	LS	Membrane Filtration System	No Bid	\$ 1,674,800.00	No Bid
2	LS	Construction Phase Services	No Bid	\$ 312,700.00	No Bid
TOTAL CAPITAL COST (Items 1 & 2)			No Bid	\$ 1,987,500.00	No Bid

BID SCHEDULE A-5 ADDITIVE ALTERNATE NO. 1 EXPEDITED SCHEDULE			H2O Innovation USA, Inc.	PALL Corporation	Metawater USA, Inc.
Item No.	Unit	Item	Amount	Amount	Amount
1	LS	Membrane Filtration System	No Bid	\$ 445,000.00	No Bid
2	LS	Construction Phase Services	No Bid	\$ 5,000.00	No Bid
TOTAL CAPITAL COST (Items 1 & 2)			No Bid	\$ 450,000.00	No Bid

BID SCHEDULE A-6 ADDITIVE ALTERNATE NO. 2 EXPEDITED SCHEDULE			H2O Innovation USA, Inc.	PALL Corporation	Metawater USA, Inc.
Item No.	Unit	Item	Amount	Amount	Amount
1	LS	Membrane Filtration System	No Bid	\$ 395,000.00	No Bid
2	LS	Construction Phase Services	No Bid	\$ 5,000.00	No Bid
TOTAL CAPITAL COST (Items 1 & 2)			No Bid	\$ 400,000.00	No Bid

I, JOSHUA L. BERRYHILL, P.E. #100323, DO HEREBY CERTIFY THAT THE ABOVE REFERENCED BIDS WERE RECEIVED, IN ACCORDANCE WITH THE ADVERTISED PROCEDURES, OPENED, AND READ ALOUD. THE BID TABULATION HEREIN IS A TRUE AND ACCURATE REPRESENTATION OF THE BIDS READ ALOUD.

Joshua L. Berryhill
 JOSHUA L. BERRYHILL, P.E. #100323

