

**City Council
Agenda Memo**



**City Council
Meeting Date: March 26, 2015**

TO: David A. Vela, Interim City Manager

FROM: Tommy O'Brien, Director of Water Utilities

SUBJECT: Award of Bid to Cardinal Contractors Inc. for the Hargesheimer Water Treatment Plant Expansion Project - Second Stage Short-Term Drought Strategy

GENERAL INFORMATION

On September 11, 2014 the Abilene City Council was presented with second stage short-term drought strategies for addressing the current drought. One of the strategies presented was to increase the capacity of the Hargesheimer water treatment plant (WTP) to provide up to 12 million gallons per day of potable water from its raw water source – Lake Ivie.

On November 20, 2014 and December 18, 2014 bids were awarded by the Abilene City Council for the pre-purchase of equipment associated with expansion of the Hargesheimer WTP.

On January 18, 2015 and January 25, 2015 the City issued a Notice for Bids through advertisements in the Abilene Reporter News for the construction of the Hargesheimer WTP expansion. The Hargesheimer WTP expansion project includes adding two PALL microfiltration skids within the existing process building, constructing a dual train flocculation and clarification structure, constructing a solids handling facility, and installing previously pre-purchased equipment.

On February 18, 2015 bids were received for the construction of the Hargesheimer WTP Expansion Project. Bids were evaluated by the City's Consulting Engineer for responsiveness to and for conformity with the Contract Documents. City Staff has received and reviewed the Engineer's Recommendation of Award to the low bidder, Cardinal Contractors, Inc. (Cardinal) of Grand Prairie, Texas in the amount of \$15,862,201. The recommended award includes the base bid and additive alternate bids for valve, pump, and equipment improvements to the Ivie pipeline system to increase the redundancy and reliability of the pumping system.

FUNDING/FISCAL IMPACT

The Hargesheimer WTP Expansion Project will be funded through the issuance of combination tax and revenue certificates of obligation to be sold in the near future. Any expenditure on the work will be paid by the Water Utility Fund and then will be reimbursed upon delivery of the obligation in the near future.

STAFF RECOMMENDATION

Staff recommends awarding the bid to Cardinal.

ATTACHMENT

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. <u>7.2</u>	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, AWARDING BID TO CARDINAL CONTRACTORS, INC. FOR THE HARGESHEIMER WATER TREATMENT PLANT EXPANSION PROJECT FOR 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 expanding the capacity of the Hargesheimer Water Treatment Plant (WTP); and

WHEREAS, on November 20, 2014 and December 18, 2014 bids were awarded by the Abilene City Council for the pre-purchase of equipment associated with expansion of the Hargesheimer WTP'; and

WHEREAS, on January 18, 2015 and January 25, 2015 the City issued a Notice for Bids through advertisements in the Abilene Reporter News for the construction of the Hargesheimer WTP expansion; and

WHEREAS, the expansion includes adding two PALL microfiltration skids within the existing process building, constructing a dual train flocculation and clarification structure, constructing a solids handling facility, installing previously pre-purchased equipment, and installing valve, pump and equipment improvements to the Ivie pipeline system; and

WHEREAS, on February 18, 2015 the City of Abilene received bids for the Hargesheimer WTP Expansion Project; and

WHEREAS, all bids were evaluated by the City's Consulting Engineer for responsiveness to and for conformity with the Contract Documents, resulting in a Recommendation of Award to Cardinal Contractors, Inc. for both the base bid and the additive alternate bids totaling \$15,862,201, attached hereto as Exhibit A; and

WHEREAS, staff recommends awarding the construction of the expansion of the Hargesheimer WTP to Cardinal Contractors, Inc. for the base bid and additive alternate bids.

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

The Interim City Manager is hereby authorized to execute a contract with Cardinal Contractors, Inc. for the Hargesheimer WTP Expansion Project in the amount of \$15,862,201.

ADOPTED this 26th day of March, 2015.

ATTEST:

Danette Dunlap, City Secretary

Norman Archibald, Mayor

APPROVED:

T. Daniel Santee, City Attorney

EXHIBIT A

ENGINEER'S RECOMMENDATION OF AWARD AND BID TABULATION



March 4, 2015

Via Email

City of Abilene
209 East Highway 80
Abilene, TX 79601
Attn: Mr. Rodney Taylor, Assistant Director of Water Utilities

**Re: Recommendation of Award
Hargesheimer WTP Expansion Project
Abilene, Texas**

Dear Mr. Taylor:

Bids for the above referenced project were opened on Wednesday, February 18, 2015. Two (2) bids were received, and I have attached a copy of the Bid Tabulation. The apparent low bidder was Cardinal Contractors, Inc. (Cardinal) out of Grand Prairie, TX.

Enprotec / Hibbs & Todd, Inc. (eHT) has evaluated the responsiveness of Cardinal for conformity with all material conditions of the Advertisement for Bids and the Information for Bidders.

Based on our evaluation, eHT recommends award of the contract to Cardinal, for the Hargesheimer WTP Expansion Project, as the lowest responsive and responsible bidder. Cardinal's base bid totaled \$14,427,907, with an additive alternate of \$1,434,294.00. The total base bid plus additive alternate totals to \$15,862,201.00; we recommend awarding the base bid plus additive alternate to Cardinal for a total cost of \$15,862,201.00.

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

Sincerely,

Enprotec / Hibbs & Todd, Inc.

Jordan S. Hibbs, P.E.

Attachment: Bid Tabulation

c: Tommy O'Brien, P.E., Director of Water Utilities
Project File: 6092

City of Abilene - City of Abilene Hargesheimer WTP Expansion - General Construction #15703 - Advertisement of Intent to Bid

Environmental, Civil & Geotechnical Engineers

Abilene Office
402 Cedar
Abilene, Texas 79601
P.O. Box 3097
Abilene, Texas 79604
325.898.5560 | 325.691.0058 fax

Lubbock Office
6310 Genoa Avenue, Suite E
Lubbock, Texas 79424
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2901 Glen Rose Hwy, Suite 107
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Plano Office
One Preston Park
2301 Ohio Drive, Suite 105
Plano, Texas 75093
972.599.3480 | 972.599.3513 fax

www.e-ht.com

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

Enprotec / Hibbs & Todd, Inc., 402 Cedar Street, Abilene, Texas 79601

TABULATION OF BIDS FOR: Hargeshheimer WTP Expansion, City of Abilene, Texas

BIDS RECEIVED: 02/18/2015

PE Firm Registration No. 1151

BASE BID				CARDINAL CONTRACTORS, INC.		PEPPER LAWSON WATERWORKS, LLC	
Item No.	Quantity	Unit	Item	Unit Cost	Amount	Unit Cost	Amount
1	1	LS	Mobilization, bonds & insurance	\$ 777,000.00	\$ 777,000.00	\$ 650,799.00	\$ 650,799.00
2	1	LS	Construction of all work to complete in place and place in operation the City of Abilene Hargeshheimer WTP Expansion	\$ 10,921,000.00	\$ 10,921,000.00	\$ 11,215,000.00	\$ 11,215,000.00
3	1	LS	Procurement & Installation of New Strainer	\$ 29,880.00	\$ 29,880.00	\$ 29,880.00	\$ 29,880.00
4	1	LS	Procurement & Installation of New Control and Pressure Reducing Valve	\$ 60,164.00	\$ 60,164.00	\$ 60,164.00	\$ 60,164.00
5	1	LS	Generator	\$ 210,168.00	\$ 210,168.00	\$ 210,168.00	\$ 210,168.00
6	1	LS	Procurement & Installation of new Large Bubble Intermittent Air Mixing System	\$ 191,000.00	\$ 191,000.00	\$ 191,000.00	\$ 191,000.00
7	1	LS	Pre-purchased equipment	\$ 2,038,695.00	\$ 2,038,695.00	\$ 2,038,695.00	\$ 2,038,695.00
8	1	LS	Allowance for work directed in writing by the City for legitimate project related issues	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00
TOTAL BASE BID PRICE (Items 1 thru 8)					\$ 14,427,907.00		\$ 14,595,706.00

ADDITIVE ALTERNATE BID				CARDINAL CONTRACTORS, INC.		PEPPER LAWSON WATERWORKS, LLC	
Item No.	Quantity	Unit	Item	Unit Cost	Amount	Unit Cost	Amount
A1	1	LS	Procurement and Installation of New Flow Control Valves	\$ 204,294.00	\$ 204,294.00	\$ 204,294.00	\$ 204,294.00
A2	1	LS	Construction of all work to complete in place and place in operation the City of Abilene Raw Water Transmission System Improvements	\$ 840,000.00	\$ 840,000.00	\$ 950,000.00	\$ 950,000.00
A3	1	LS	Procurement and Delivery of New Transformer	\$ 390,000.00	\$ 390,000.00	\$ 400,000.00	\$ 400,000.00
TOTAL ADDITIVE ALTERNATE BID PRICE (Items A1 thru A3)					\$ 1,434,294.00		\$ 1,554,294.00

TOTAL BASE BID PLUS ALTERNATE BID

CARDINAL CONTRACTORS, INC.	PEPPER LAWSON WATERWORKS, LLC
\$15,862,201.00	\$16,150,000.00

I, JORDAN S. HIBBS, P.E., #115729, 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.

JORDAN S. HIBBS, P.E., #115729

