



Mollhoff/Fisher

RESOLUTION NO. 6391

WHEREAS, sealed bids were requested and advertised, as required by law, for the following:

**REQUEST FOR PROPOSAL (RFP) NO. 5776
NEBRASKA CITY STATION UNIT 2 COOLING TOWER FILL
AND DRIFT LAYER REPLACEMENT**

WHEREAS, bids were received and opened at the time and place mentioned in the published notices and the Director – Supply Chain Management supervised the tabulations, which have been submitted to this Board; and

WHEREAS, the Board of Directors has carefully considered the bids submitted, as well as the recommendations of the District's Management and General Counsel.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Omaha Public Power District that Management hereby is authorized and directed to accept the proposal of Amertech Tower Services LLC, in the amount of \$1,834,910.00, to provide materials and labor to remove and install cooling tower fill and drift layers for the Nebraska City Station Unit 2 cooling tower, and the bond of such bidder hereby is approved.



Board Action

BOARD OF DIRECTORS

September 15, 2020

ITEM

Nebraska City Station Unit 2 Cooling Tower Fill and Drift Layer Replacement

PURPOSE

Provide procurement, removal, and installation of the cooling tower fill and drift layers for the Nebraska City Station Unit 2 cooling tower.

FACTS

- a. The fill and drift layers of the Nebraska City Station Unit 2 cooling tower have been evaluated and should be replaced to maintain unit reliability.
- b. The District requested bids for the procurement, removal, and installation of replacement materials. Four bids were received with all bidders providing alternate material options. One bid was determined to be legally non-responsive and technically unacceptable.
- c. The cooling tower fill and drift layer materials are long lead delivery items. Replacement activities will be performed in the spring of 2021 during a scheduled unit outage.

ACTION

Authorization by the Board of Directors to award a contract to Amertech Tower Services for the procurement, removal, and installation of fill and drift layer materials for the Nebraska City Station Unit 2 cooling tower.

RECOMMENDED:

/s/ Mary J. Fisher

Mary J. Fisher
Vice President – Energy Production and
Nuclear Decommissioning

APPROVED FOR BOARD CONSIDERATION:

/s/ Timothy J. Burke

Timothy J. Burke
President and CEO

SAE:

Attachments: Letter of Recommendation
Tabulation of Bids
Legal Opinion
Resolution



MEMORANDUM

DATE: August 28, 2020

EPND-2020-21

FROM: S. A. Eidem

TO: M. J. Fisher

SUBJECT: Request for Proposal No. 5776
Nebraska City Unit 2 Cooling Tower Fill and Drift Layer Replacement
EC 70483

1.00 GENERAL

Request for Proposal No. 5776 is for the procurement, removal, and installation contract to replace the Cooling Tower Fill and Drift Layer for Nebraska City Unit 2 (NC2). This work is planned to be performed during a scheduled unit outage in the spring of 2021.

The existing fill and drift eliminator layers have started to degrade due to age. The estimated lifespan of cooling tower fill is 10 years. The NC2 cooling tower has the original fill that is ~12 years old. Testing in 2019 showed the fill material is brittle and needs to be replaced. Brittle fill material can break away, which then causes plugging in the condenser. This loss of fill material combined with microbiological growth reduces thermal performance of the cooling tower and can challenge efficient operation of the unit.

Four proposals were submitted and opened in response to the RFP on August 12, 2020 and the base bids are tabulated as follows:

COMPANY	COST
AMERTECH TOWER SERVICES	\$1,834,910
COOLING TOWER DEPOT	\$1,916,582
EVAPTECH	\$2,216,352
SPX COOLING TECHNOLOGIES	\$2,167,029

Alternate bid offerings were submitted as follows:

COMPANY	OPTION	DESCRIPTION	COST
AMERTECH TOWER SERVICES	ALT 1	Alternate fill material (5.5' Brentwood Shockwave)	\$1,997,341
COOLING TOWER DEPOT	ALT 1	Alternate fill material (5' Brentwood Shockwave)	\$1,837,375

EVAPTECH	ALT 1	Alternate fill material (4' EvapTech TechClean 312)	\$1,644,945
EVAPTECH	ALT 2	Alternate fill material (5' EvapTech TechClean 312)	\$1,850,688
SPX COOLING TECHNOLOGIES	ALT 1	Alternate fill material (4' MC75) and alternate drift eliminator (Marley XCELplus)	\$1,984,115

The alternate fill and drift eliminator material proposal options were not considered due to potential air permit impacts.

Amertech's bid included schedule provisions to replace the fill and drift material in four cells pre-outage. This provision was removed at no additional cost after bid opening with all cooling tower fill and drift material replacement activities to be performed during the scheduled unit outage to reduce impact to the unit while in operation.

Evaptech's bids were reduced to \$2,144,555, \$1,600,275, and \$1,797,125, respectively, since the State of Nebraska Sales Taxes will be paid by the District for material procured under this contract.

The Engineer's Estimate for the base bid at the time of the bid opening was \$3,000,000.

2.00 COMPLIANCE WITH CONTRACT TERMS AND CONDITIONS

The proposals were referred to the District's legal counsel for review. The proposal from SPX Cooling Technologies determined to be legally non-responsive.

3.00 COMPLIANCE WITH TECHNICAL REQUIREMENTS

The proposals were reviewed for technical compliance. The proposal from SPX Cooling Technologies was determined to be technically unacceptable due to the proposed change in drift eliminator material. The proposal from Cooling Tower Depot was evaluated to be lesser value to the District due to the additional cost risk for heavier fill packs and the associated replacement timeframe risk. The base bids from Amertech Tower Services and EvapTech, Inc. were reviewed and determined to be technically acceptable.



4.00 RECOMMENDATION


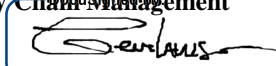
Based on compliance with legal and technical requirements of this specification, it is recommended that Request for Proposal No. 5776 be awarded to Amertech Tower Services for \$1,834,910.

Scott A. Eidem

S. A. Eidem, P.E.
Director, Engineering Services –
Energy Production and Nuclear Decommissioning

C: R. Stohlmann
K. Jacobsen

<p align="center">TABULATION OF BIDS Opened at 2:00 p.m., C.D.T., Wednesday, August 12, 2020, in Omaha, Nebraska</p>		<p align="center">REQUEST FOR PROPOSAL NO. 5776</p> <p align="center">Nebraska City Station Unit 2 Cooling Tower Fill and Drift Layer Replacement</p>			<p align="right">DocuSigned by:  9426AD61477A435... Director Supply Chain Management</p>	
<p align="center">Anticipated Award Date September 17, 2020</p>					<p align="right">DocuSigned by:  5EC5B86907EE4E6... Compiled by and Certified Correct</p>	
<p align="center">ENGINEER'S ESTIMATE</p> <p align="center"><u>\$3,000,000.00</u></p>						
<p align="center">BID ITEM</p>		BIDDER'S NAME & ADDRESS				
		<p align="center">AmertechTower Services LLC 149 Avenue at the Commons, Suite 3 Shrewsbury, NJ 07702</p>	<p align="center">Cooling Tower Depot Inc. 651 Corporate Cir Ste 206 Golden, CO 80401</p>	<p align="center">SPX Cooling Technologies, Inc. 7401 W. 129th Street Overland Park, KS 66213</p>		
		SUPPLIER'S BID	SUPPLIER'S BID	SUPPLIER'S BID		
1.	<p><u>Proposal Price(S)</u></p> <p>Lump Sum Firm Total price</p>	<p><u>\$1,834,910.00</u></p>	<p><u>\$1,916,582.00</u></p>	<p><u>\$2,167,029.00</u></p>		
2.	<p><u>Delivery Guarantee(s)</u></p> <p>Design Completion : October 30 , 2020</p> <p>Purchase of Materials: December 18 , 2020</p> <p>Final Installation Completion : March 23 , 2021</p>	<p><u>Guaranteed Date</u></p> <p><u>October 30, 2020</u></p> <p><u>December 18, 2020</u></p> <p><u>March 23, 2021</u></p>	<p><u>Guaranteed Date</u></p> <p><u>October 30, 2020</u></p> <p><u>December 18, 2020</u></p> <p><u>March 23, 2021</u></p>	<p><u>Guaranteed Date</u></p> <p><u>October 30, 2020</u></p> <p><u>December 18, 2020</u></p> <p><u>March 23, 2021</u></p>		

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<p>ENGINEER'S ESTIMATE</p> <p><u>\$3,000,000.00</u></p>				
<p>BID ITEM</p>	<p>BIDDER'S NAME & ADDRESS</p>			
	<p>EvapTech, Inc 2644 S. 96th Street Edwardsville, KS 66111</p>			
	<p>SUPPLIER'S BID</p>	<p>SUPPLIER'S BID</p>	<p>SUPPLIER'S BID</p>	
<p>1. <u>Proposal Price(S)</u></p> <p>Lump Sum Firm Total price</p>	<p><u>\$2,216,352.00</u></p>	<p>_____</p>	<p>_____</p>	
<p>2. <u>Delivery Guarantee(s)</u></p> <p>Design Completion : October 30 , 2020</p> <p>Purchase of Materials: December 18 , 2020</p> <p>Final Installation Completion : March 23 , 2021</p>	<p><u>Guaranteed Date</u></p> <p><u>October 30, 2020</u></p> <p><u>December 18, 2020</u></p> <p><u>March 23, 2021</u></p>	<p><u>Guaranteed Date</u></p> <p>_____</p> <p>_____</p> <p>_____</p>	<p><u>Guaranteed Date</u></p> <p>_____</p> <p>_____</p> <p>_____</p>	

FRASER STRYKER

PC LLO

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August 17, 2020

Omaha Public Power District
444 South 16th Street
Omaha, NE 68102

RE: Request for Proposal No. 5776 – NC2 Cooling Tower Fill and Drift Layer
Replacement ("RFP No. 5776")

Ladies and Gentlemen:

We have reviewed the four (4) proposals received in response to RFP No. 5776 and provide the following legal opinion.

The proposal of Amertech Tower Services LLC includes an alternate bid proposal for evaluation by the District. The Amertech proposal also includes technical clarifications for the District's evaluation.

The proposal of EvapTech, Inc. includes an alternate bid for the District's evaluation. The EvapTech proposal also bases its schedule on the date of receipt of a purchase order from OPPD; thus, OPPD will need to evaluate the EvapTech schedule to determine if it meets OPPD's needs. The EvapTech proposal submits different payment terms for the District's evaluation and also includes a commercial exception by which it proposes to limit its liability to the contract value. That exception does not render the EvanTech proposal materially nonresponsive, but it is subject to the District's economic and risk evaluation.

OPPD should review the proposal of Cooling Tower Depot, Inc. to assure that this bidder has acknowledged receipt of any RFP addenda issued prior to the bid opening. Cooling Tower Depot also proposes alternate liquidated damages which are subject to the District's evaluation. Finally, the Cooling Tower Depot proposal includes technical exceptions and clarifications that must be evaluated by the District.

The proposal of SPX Cooling Tech, Inc. states that it proposes to utilize a previous "negotiated master agreement" for another scope of work in place of the contract terms included with RFP No. 5776. This is unacceptable and renders the SPX Cooling Tech proposal materially nonresponsive to the

contract documents. That proposal should receive no further consideration by the Board of Directors for the award of this contract.

Subject to the foregoing comments and the District's technical and economic evaluation, all of the proposals, except the proposal of SPX Cooling Tech, Inc., may be considered by the District's Board of Directors for the award of this contract. The performance and payment bond or letter of credit for the successful bidder also must be approved by the Board.

Very truly yours,



Stephen M. Bruckner
FOR THE FIRM

SMB/sac
2409551

EPND Project 2750 NC2 Cooling Tower Fill Replacement

