AGENDA
Special Infrastructure Committee
Thursday, May 14, 2019
@ 4:30 PM

1. Call to Order

2. Suspension of Rules

3. Resolution
   • Bid Award for Hot Water Pipe Replacement at Courthouse

4. Miscellaneous

5. Adjournment
AGENDA BRIEFING

COMMITTEES: County Infrastructure Committee

MEETING DATE: May 14, 2020

<table>
<thead>
<tr>
<th>TYPE</th>
<th>DESCRIPTION</th>
<th>LINE ITEM</th>
<th>AMOUNT</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXPENSE:</td>
<td>Building Improvement</td>
<td>062-4-062-7-738-55107</td>
<td>$53,124.00</td>
</tr>
</tbody>
</table>

ISSUE:

The 3” galvanized hot water pipe (GHWP) that starts in the basement Mechanical Room of the Old Side of the Courthouse, runs in the basement level through the Dirt Room, and into the basement of the New Side of the Courthouse. The GHWP runs above the hard ceiling in the Secure Hallway of the Jail area and into the basement of the Mechanical Room of the New Side where it ties into the copper pipe that runs up through the New Side of the Courthouse. This GHWP has developed numerous leaks and is in danger of imminent failure. This GHWP needs to be replaced before it totally fails.

BACKGROUND/DISCUSSION:

CH-20-007 Courthouse 3” Hot Water Pipe Replacement was established to replace the faulty GHWP that supplies tempered hot water to the entire New Side of the Courthouse. Funding was established at $100,000.00. This GHWP supplies all hand sinks and mop sinks from the basement level through the fifth-floor level of the New Side of the Courthouse. There are numerous repair clamps on this GHWP that allow the GHWP to remain in service at this time. This GHWP needs to be replaced at the earliest timeframe to allow the replacement to be done in a somewhat controlled fashion in lieu of replacing it under an emergency condition. The cause of the GHWP deterioration has been attributed to electrolysis that resulted from electrical heat trace lines installed in contact with the GHWP and under the 2” pipe insulation. The electrical heat trace line designed to help keep the GHWP warm along its 540 Lineal feet. The electrical heat trace line was de-energized in 2019 in an attempt to decrease the rate of pin holes occurring as a result of the electrolysis. There has been no real temperature loss in the tempered GHWP once the water usage was sufficient to get the tempered hot water throughout the New Side of the Courthouse. As a result, Staff analyzed various types of pipe material to use for the GHWP replacement. Galvanized pipe was ruled out because the last replacement of galvanized pipe lasted only 8-Years. It should have lasted 30-Years. Copper pipe was ruled out as being too costly. Various plastic pipes were investigated with Type “A” PEX pipe being the pipe material of choice. PEX piping has been used in Europe for over 40-Years with great success. PEX pipe has been used in the US for a much less timeframe, but with great success. Staff reviewed piping options with several Plumbing Companies and the Plumbers Union. Type “A” PEX consistently came out as the recommended pipe material for our application.

A Scope-Of-Work and a Price Sheet was developed for this work. Bid Package 05-01-20 titled “Hot Water Pipe Replacement Peoria County Courthouse was issued on 04-24-20. Over 87-Vendors were
notified, 15-Vendors downloaded the documents, 4-Vendors attended the mandatory Pre-Bid Meeting, and 3-Vendors provided bids.

Staff (Facilities and Finance) reviewed the Bids. Illini Plumbing Inc. (Illini) was the apparent low Bidder. Staff followed up with Illini after the bid opening. Staff asked Illini several questions to verify that Illini had a thorough knowledge of the Project, had a complete bid, had no bid disqualifications, and was prepared to start and do the work if awarded the Bid. Staff sent Illini a confirmation email asking Illini to review and confirm our communication. Dries Brothers Plumbing, Inc. (Dries) and TCI Companies, Inc. (TCI) were the other Bidders. Stoops Plumbing (Stoops) did not bid. See Bid Results below.

<table>
<thead>
<tr>
<th>Bidder</th>
<th>Base Bid</th>
<th>Voluntary Alternate</th>
<th>Totals (Excluding Voluntary Alternate)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dries Brothers Plumbing, Inc.</td>
<td>$44,800.00</td>
<td>No Bid</td>
<td>$44,800.00</td>
</tr>
<tr>
<td><strong>Illini Plumbing Inc.</strong></td>
<td><strong>$37,998.00</strong></td>
<td><strong>No Bid</strong></td>
<td><strong>$37,998.00</strong></td>
</tr>
<tr>
<td>TCI Companies, Inc.</td>
<td>$59,950.00</td>
<td>$55,500.00</td>
<td>$59,950.00</td>
</tr>
<tr>
<td>Stoops Plumbing</td>
<td>No Bid</td>
<td>No Bid</td>
<td>No Bid</td>
</tr>
<tr>
<td><strong>Overtime (Est.)</strong></td>
<td></td>
<td></td>
<td><strong>$10,296.00</strong></td>
</tr>
<tr>
<td><strong>Contingency</strong></td>
<td></td>
<td></td>
<td><strong>$4,830.00</strong></td>
</tr>
<tr>
<td><strong>Total Fund Request</strong></td>
<td></td>
<td></td>
<td><strong>$53,124.00</strong></td>
</tr>
</tbody>
</table>

Staff is recommending that Illini be awarded the Bid for the Hot Water Pipe Replacement Bid Package 05-01-20 at their Base Bid of $37,998.00 plus the possible use of overtime to do some of the work. Staff also requests Contingency Funding of $4,830.00 be established for this work at this time.

Staff is further requesting that the County Administrator, with the approval of SAO, shall oversee the issuances of the necessary Purchase Orders, Change Orders, and other Documents necessary to accomplish this Work with Illini.

COUNTY BOARD GOALS:

Infrastructure Stewardship

STAFF RECOMMENDATION:

Approve the commitment of $53,124.00 to this Project CH-20-007, Bid Package 05-01-20. Approve Illini’s Bid of $37,998.00. Approve overtime for Illini to do work on off hours at $10,296.00, estimated. Approve a contingency of $4,830.00 for this Project. Authorize the County Administrator, with the approval of SAO, to issue necessary documents to complete this portion of the Project with ECSI.

COMMITTEES ACTION:

PREPARED BY: Daniel O’Connell, Director, Facilities and Grounds Operations

DATE: May 12, 2020
TO: HONORABLE MEMBERS OF THE PEORIA COUNTY BOARD
   SCOTT SORREL, PEORIA COUNTY ADMINISTRATOR
FROM: JIM SMITH, CPPO, CPPB PURCHASING AGENT
SUBJECT: BID # 05-01-20: HOT WATER PIPE REPLACEMENT PEORIA COUNTY COURTHOUSE
DATE: MAY 12, 2020
CC: DAN O’CONNELL, FACILITIES DIRECTOR

This office, on behalf of Facilities, solicited bids for Hot Water Pipe Replacement at the Peoria County Courthouse. Eighty-Seven vendors were notified, fifteen (15) vendors downloaded the documents and Three (3) vendor responses were received. The attached tabulation represents all bids received. Additional bid document information may be required in selecting a bidder. This report does not evaluate specification compliance to the specifications in the RFP.

Bid tab bid 05-01-20 Hot Water Pipe Replacement Peoria County Courthouse

<table>
<thead>
<tr>
<th>Vendor</th>
<th>Base bid</th>
<th>Alternate bid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dries Bros. Plumbing Inc.</td>
<td>$44,800.00</td>
<td></td>
</tr>
<tr>
<td>Peoria IL</td>
<td></td>
<td>$55,500.00</td>
</tr>
<tr>
<td>Illini Plumbing</td>
<td>$37,998.00</td>
<td></td>
</tr>
<tr>
<td>Peoria IL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TCI Plumbing</td>
<td>$59,950.00</td>
<td></td>
</tr>
<tr>
<td>Goodfield IL</td>
<td></td>
<td>$55,500.00</td>
</tr>
</tbody>
</table>

All required documents were submitted with responses
<table>
<thead>
<tr>
<th>AD DATE</th>
<th>PO #</th>
<th>AD #</th>
<th>DESCRIPTION</th>
<th>CLASS</th>
<th>SIZE</th>
<th>TIMES</th>
<th>AMOUNT DUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>04/24/2020</td>
<td>Bid # 05-01-20</td>
<td>4701653</td>
<td>LEGAL NOTICE INVITATION TO BID The County of Peoria is current</td>
<td>0162 Legal Notices</td>
<td>Liner 2 Column</td>
<td>1</td>
<td>$43.68</td>
</tr>
</tbody>
</table>

**TOTAL AMOUNT DUE:** $43.68

PHONE INQUIRIES: Credit Department (309) 686-3271

REMITTANCE ADDRESS:
Peoria Journal Star
1 News Plaza
Peoria, IL 61643

COUNTY OF PEORIA
ACCOUNTS PAYABLE
324 MAIN ST
ROOM 501
PEORIA
IL 61602
County of Peoria Signature Sheet

EXECUTION OF THIS FORM CERTIFIES UNDERSTANDING AND COMPLIANCE WITH THE TOTAL BID PACKAGE.

THIS FORM SHALL BE COMPLETED FOR THIS BID TO BE EVALUATED.

Please print or type:

THIS BID SUBMITTED BY:

Company Name: Dries Brothers Plumbing, Inc.
Authorized Agent Name & Title: Matthew A. Dries- President
Contact Person: Matthew A. Dries
Company Address: 1519 W. Altorfer Dr.
City, State Zip Code: Peoria, Il 61615
Daytime Telephone: 309-691-4535
Daytime Fax: 309-691-4531
Daytime E-Mail (if available): matt@driesbros.com
EEO Certificate of Compliance Num.: 01189-050331

Addenda Received: ______ ______ ______ ______ ______

Attach statement that firm has sexual harassment and drug-free workplace policies in place.
Attach statement of ability to meet the specified requirements of this invitation to bid.

Signature of Authorized Agent 05-12-2020

Peoria County reserves the right to reject any and all bids, to waive technicalities and select the equipment/services best suited to the county.

DO NOT FAX OR EMAIL YOUR BIDS
PEORIA COUNTY PRICING PROPOSAL SHEET

Pricing must remain firm for ninety days (90) from the date of bid opening.

COST PROPOSAL:

Base Price: $44,800.00

Additional charges not included in Base Price, if any please explain in the space at right:

$ N/A

$ N/A

Submit all requirements for EEO Policy. (Complete application, attach a copy and mail original to City of Peoria, or list current EEO Certification Number: N/A)

Will the goods or services you are proposing meet all specifications and requirements?

YES X NO If NO, please list all exceptions: (use additional sheet if necessary with explanations of variations of specifications:

Peoria County reserves the right to reject any and all bids, to waive technicalities and select the goods/services that best meet the needs of the County.

Estimated timeframe to complete and deliver goods/services: 3 weeks

We the undersigned agree to furnish the services/equipment listed in this proposal according to the county’s specifications and conditions at the stated prices enclosed in this cost proposal sheet.

Signature of Authorized Agent

Dries Brothers Plumbing, Inc.

Company Name

Matthew A. Dries

05-12-2020

Printed Name

Date
County of Peoria Signature Sheet

EXECUTION OF THIS FORM CERTIFIES UNDERSTANDING AND COMPLIANCE WITH THE TOTAL BID PACKAGE.

THIS FORM SHALL BE COMPLETED FOR THIS BID TO BE EVALUATED.

Please print or type:

THIS BID SUBMITTED BY:

Company Name: Illini Plumbing
Authorized Agent Name & Title: Andrew Volz, President
Contact Person: Andrew Volz
Company Address: 8703 N University Ste C
City, State Zip Code: Peoria, IL 61415
Daytime Telephone: 309-692-4470
Daytime Fax: 309-692-4471
Daytime E-Mail (if available): andy_illiniplumbing@gmail.com
EEO Certificate of Compliance Num.: 02477-210331

Addenda Received: 0

Attach statement that firm has sexual harassment and drug-free workplace policies in place.

Attach statement of ability to meet the specified requirements of this invitation to bid.

Signature of Authorized Agent

Date: 5/11/20

Peoria County reserves the right to reject any and all bids, to waive technicalities and select the equipment/services best suited to the county.

DO NOT FAX OR EMAIL YOUR BIDS
PEORIA COUNTY PRICING PROPOSAL SHEET

Pricing must remain firm for ninety days (90) from the date of bid opening.

COST PROPOSAL:
Base Price: $37,998.00

Additional charges not included in Base Price, if any please explain in the space at right:
$N/A

Submit all requirements for EEO Policy. (Complete application, attach a copy and mail original to City of Peoria, or list current EEO Certification Number: 02677-210331)

Will the goods or services you are proposing meet all specifications and requirements?

YES X  NO No If NO, please list all exceptions: (use additional sheet if necessary with explanations of variations of specifications):

Peoria County reserves the right to reject any and all bids, to waive technicalities and select the goods/services that best meet the needs of the County.

Estimated timeframe to complete and deliver goods/services: 10 Working Days

We the undersigned agree to furnish the services/equipment listed in this proposal according to the county’s specifications and conditions at the stated prices enclosed in this cost proposal sheet.

Signature of Authorized Agent

Andrew Vo12

Printed Name

Company Name

Date

5/12/20
County of Peoria Signature Sheet

EXECUTION OF THIS FORM CERTIFIES UNDERSTANDING AND COMPLIANCE WITH THE TOTAL BID PACKAGE.

THIS FORM SHALL BE COMPLETED FOR THIS BID TO BE EVALUATED.

Please print or type:

THIS BID SUBMITTED BY:

<table>
<thead>
<tr>
<th>Company Name:</th>
<th>TCI Plumbing (A Division of TCI Companies, Inc.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Authorized Agent Name &amp; Title:</td>
<td>Bill Atkisson - Estimator</td>
</tr>
<tr>
<td>Contact Person:</td>
<td>Bill Atkisson</td>
</tr>
<tr>
<td>Company Address:</td>
<td>405 State Route 117</td>
</tr>
<tr>
<td>City, State Zip Code</td>
<td>Goodfield, IL 61742</td>
</tr>
<tr>
<td>Daytime Telephone:</td>
<td>309-965-2057</td>
</tr>
<tr>
<td>Daytime Fax:</td>
<td>309-965-2376</td>
</tr>
<tr>
<td>Daytime E-Mail (if available):</td>
<td><a href="mailto:bill@tcicompaniesinc.com">bill@tcicompaniesinc.com</a></td>
</tr>
<tr>
<td>EEO Certificate of Compliance Num.:</td>
<td>00721-210630</td>
</tr>
</tbody>
</table>

Addenda Received: ________________________________

Attach statement that firm has sexual harassment and drug-free workplace policies in place.

Attach statement of ability to meet the specified requirements of this invitation to bid.

__________________________  ________________________________
Signature of Authorized Agent  Date  05/12/2020

Peoria County reserves the right to reject any and all bids, to waive technicalities and select the equipment/services best suited to the county.

DO NOT FAX OR EMAIL YOUR BIDS
PEORIA COUNTY PRICING PROPOSAL SHEET

Pricing must remain firm for ninety days (90) from the date of bid opening.

COST PROPOSAL:

Base Price: $59,950.00 (Fifty Nine Thousand Nine Hundred Fifty)

Additional charges not included in Base Price, if any please explain in the space at right:

(Please see Value Engineered Price Attached)

Submit all requirements for EEO Policy. (Complete application, attach a copy and mail original to City of Peoria, or list current EEO Certification Number: 00721-210630)

Will the goods or services you are proposing meet all specifications and requirements?

YES x NO _____ If NO, please list all exceptions: (use additional sheet if necessary with explanations of variations of specifications):

Peoria County reserves the right to reject any and all bids, to waive technicalities and select the goods/services that best meet the needs of the County.

Estimated timeframe to complete and deliver goods/services: 60-Calendar Days From Award of Contract- (It will take 3-weeks for material delivery & approx. 3-4 weeks to complete work

We the undersigned agree to furnish the services/equipment listed in this proposal according to the county’s specifications and conditions at the stated prices enclosed in this cost proposal sheet.

Signature of Authorized Agent

Bill Atkisson
Printed Name

TCI Plumbing (A Division of TCI Companies, Inc.)

Company Name

05/12/2020

Date
County of Peoria  
Purchasing Division  
Courthouse Room 501  
324 Main St.  
Peoria, IL  

Bid: #05-01-20 Hot Water Pipe Replacement Peoria County Courthouse  

**VE: Value Engineering / Possible Option**  

During the walk-thru there was some discussion regarding using PEX instead of Copper pipe for this water line replacement. The decision to use PEX appeared to be for financial reasons with the thinking the copper would be way more expensive than PEX. While the copper material is a little more expensive, the labor is actually less.  

We are proposing using Type “L” Hard Copper pipe with Viega ProPress fittings. The reason that this system is competitive with the PEX system is we can use the existing hangers of the Galvanized line, that we are replacing in all areas where we are not running a parallel line. These areas include the Basement, Tunnel area where we have to install above the existing ceiling, and tunnels where we make the tie-ins. In areas in the crawl space where we are planning on running parallel to the existing galvanized line and we will only have to install a hanger every 10’, which means we can use the existing trapeze supports already installed. For the PEX, we would have to install a hanger every 5’ which not only means we have to double the hangers needed in the crawl space, we will have to add a hanger between all of the existing hangers that we will be re-using when the existing piping is removed. This pricing using copper will only work using ProPress fittings. If all of the fittings were required to be solder joint, then copper would be to labor intensive and not competitive.  

**Our Bid using Copper w/ProPress Fittings**  

$ 55,150.00  

Bill Atkisson  
TCI Plumbing  
Estimator/Project Manager  

---

Tri County Irrigation   TCI Plumbing   TCI Geothermal   TCI Water Wells & Pump Service  

405 State Route 117   Goodfield, IL 61742   Ph: (309) 965-2057   Fax: (309) 965-2376
TO THE HONORABLE COUNTY BOARD

COUNTY OF PEORIA, ILLINOIS

Your County Infrastructure Committee does hereby recommend passage of the following Resolution:

RE: Approval of Illini Plumbing Inc.’s (Illini) Bid for Bid Package #05-01-20 for Hot Water Pipe Replacement Peoria County Courthouse; authorize Illini to use overtime to do some of their work, establish a contingency; and to authorize the County Administrator, with the approval of SAO, to issue the necessary documents for this Project with Illini.

RESOLUTION

WHEREAS, your County Infrastructure Committee recommends that the County Board approve the necessary funds for this Project at an overall estimated cost of $53,124.00 and

WHEREAS, your County Infrastructure Committee recommends that the County Board approve Illini’s Bid of $37,998.00, at straight time rates, to furnish and install all work indicated for this Project; and

WHEREAS, your County Infrastructure Committee recommends to the County Board that authorizes Illini to do some of their work on an overtime basis to allow for other activities in the Courthouse to operate with minimal impedance. That overtime cost is estimated to be an additional cost of $10,296.00 and will be monitored by Staff; and

WHEREAS, your County Infrastructure Committee recommends that the County Board authorize a construction contingency of $4,830.00 for this Project; and

WHEREAS, your County Infrastructure Committee recommends that the County Board authorize the County Administrator, with the approval of SAO, to issue the necessary documents for this Project with Illini;

NOW THEREFORE BE IT RESOLVED, by the Peoria County Board, that funds in the amount of Fifty-Three Thousand One Hundred Twenty-Four Dollars ($53,124.00) be appropriated into Line Item 062-4-062-7-738-55107 for the Project and that the County Administrator, with the approval of SAO, is authorized to execute the necessary documents for this phase of the Project with Illini.

RESPECTFULLY SUBMITTED,
County Infrastructure Committee
Date: May 14, 2020