OAK RIDGE CITY COUNCIL
SPECIAL MEETING

Municipal Building Courtroom

Friday, February 16, 2018

4:00 p.m.

AGENDA

I. ROLL CALL

II. ITEMS FOR DISCUSSION

a. A RESOLUTION AWARDING A CONTRACT (FY2018-134) IN THE ESTIMATED AMOUNT OF $100,423.00 TO HURST EXCAVATING, LLC, KNOXVILLE, TENNESSEE, FOR AN EMERGENCY WATERLINE REPLACEMENT AT BEAR CREEK ROAD.

b. A RESOLUTION AWARDING A CONTRACT (FY2018-135) TO ZEHNTNER CONSTRUCTION GROUP, BRENTWOOD, TENNESSEE, FOR THE CONCRETE REPAIR PROJECT AT THE OAK RIDGE MUNICIPAL (OUTDOOR) SWIMMING POOL IN THE ESTIMATED AMOUNT OF $195,620.00.

III. ADJOURNMENT
DATE: February 15, 2018

TO: Honorable Mayor and Members of City Council

FROM: Mary Beth Hickman, City Clerk

SUBJECT: SPECIAL MEETING OF CITY COUNCIL

At the request of City Manager Mark Watson, and in accordance with Article II, Section 2, of the Charter of the City of Oak Ridge, Tennessee, a special meeting of City Council is hereby called for Friday, February 16, 2018 at 4:00 p.m. in the Municipal Building Courtroom, 200 S. Tulane Avenue, for consideration of the following:

- A RESOLUTION AWARDING A CONTRACT (FY2018-134) IN THE ESTIMATED AMOUNT OF $100,423.00 TO HURST EXCAVATING, LLC, KNOXVILLE, TENNESSEE, FOR AN EMERGENCY WATERLINE REPLACEMENT AT BEAR CREEK ROAD.

- A RESOLUTION AWARDING A CONTRACT (FY2018-135) TO ZEHNTNER CONSTRUCTION GROUP, BRENTWOOD, TENNESSEE, FOR THE CONCRETE REPAIR PROJECT AT THE OAK RIDGE MUNICIPAL (OUTDOOR) SWIMMING POOL IN THE ESTIMATED AMOUNT OF $195,620.00.

In accordance with the City Charter, matters transacted at this special meeting shall be limited to the subjects recited in the notice of the meeting.

Mary Beth Hickman

cc: Mark S. Watson, City Manager
    Kenneth R. Krushenski, City Attorney
    Department Directors
    The Oak Ridger
    Oak Ridge Today
    The Knoxville News Sentinel
    BBB Communications
DATE: February 13, 2018

TO: Mary Beth Hickman, City Clerk

FROM: Mark S. Watson, City Manager

SUBJECT: SPECIAL CITY COUNCIL MEETING

In accordance with Article II, Section 2, of the Charter of the City of Oak Ridge, you are hereby requested to call a special meeting of the Oak Ridge City Council for Friday, February 16, 2018, at 4:00 p.m. in the Municipal Building Courtroom, 200 S. Tulane Avenue. This meeting will be limited to:

- CONSIDERATION OF A RESOLUTION AWARDDING A CONTRACT FOR THE REPLACEMENT OF A PORTION OF A 24-INCH DIAMETER WATER LINE LOCATED ON BEAR CREEK ROAD INSIDE THE Y-12 COMPLEX.

- CONSIDERATION OF A RESOLUTION AWARDING A CONTRACT FOR CONCRETE REPAIR FOR THE OAK RIDGE MUNICIPAL OUTDOOR SWIMMING POOL.

Mark S. Watson
PUBLIC WORKS DEPARTMENT MEMORANDUM
18-10

DATE: February 15, 2018
TO: Mark S. Watson, City Manager
FROM: Roger Flynn, P.E., City Engineer
THROUGH: Shira A. McWaters, P.E., Public Works Director

SUBJECT: EMERGENCY WATER LINE REPAIR - BEAR CREEK ROAD

Introduction

An item for City Council consideration is the recommendation for approval of a Resolution authorizing a contract in the estimated amount of $100,423 to Hurst Excavating of Knoxville, TN., for the replacement of a portion of a 24-inch diameter waterline located on Bear Creek Road inside the Y-12 complex. This requires an exemption to the normal requirement for sealed bids for any purchase over $25,000.

Funding

This repair is a joint effort between the City and DOE. The City/DOE water contract specifies that capital project costs are to be shared 50/50. The City’s portion of funding is available from the Water Works Fund budget that was previously approved.

Background

On the morning of January 29, 2018, a 24-inch diameter cast iron water line running from east to west from the City Water Treatment Plant (WTP) to ORNL failed. This line is part of the infrastructure that was transferred to the City in May of 2000 when the City assumed ownership and began operations of the WTP, previously owned by DOE. The line that failed is located in front of the Jack Case Building and is covered with about 30’ of fill that was placed there when Bear Creek Road was relocated in preparation for construction of the Uranium Processing Facility.

This line failed in 2014 in a similar manner, about 40’ east of the current location. The excessive depth required an excavation that was approximately 100’ across to ensure worker safety. Instead of effecting a second repair and still risk having remaining sections of the 1940’s era line break in the future under 30’ of fill, Public Works proposes to relay approximately 400 linear feet of new line in the same easement, but at a depth of bury (to top of pipe) of approximately five (5) feet. Prior to making the recommendation to replace the line, Public Works prepared preliminary estimates for repair vs. replacement. Due to the large excavation work required for worker safety, the cost to replace this length of main is less than repairing only 20 to 40 feet of pipe, and significantly less than repairing the broken section(s) and relocating a new line around the existing pipe in the future.

At present, Y-12 and ORNL are being supplied water through the Y-12 distribution system at a less than normal capacity. The 24-inch feed to ORNL is critical for continued facilities operation; therefore, we are considering this an emergency repair. The normal process for a similar non-emergency repair would dictate a consulting engineer be selected to prepare plans and specifications, and then a public bid letting would be used to select a contractor to supply labor, equipment and materials. This could take up to eight (8) months and in the interest of time, the Public Works Department Engineering division has prepared an abbreviated plan, profile and detail sheet, and has solicited quotations for labor and equipment. Simultaneously, Public Works Department work pool personnel remediated the hole caused by the water line break. The City will purchase the pipe and fittings, and additional stone required for backfill. Lastly,
Public Works will contract in the future for pavement restoration separately, since the current goal is to get full capacity back to ORNL as quickly as possible. Paving would be considered additional costs associated with the original break, as well as any associated work completed by City forces for this break, at a cost sharing of 50/50 between the City and DOE.

The contractor’s personnel are expected to go through the Y-12 security briefing process on Monday, February 19 to obtain badges to access the site. The contractor is then expected to mobilize immediately afterward. It is anticipated to take three (3) weeks to replace the line.

Recommendation

Quotations were solicited from five (5) local utility contractors that Public Works is already familiar with. Responses were received from four (4). All have visited the site and provided quotes. The scope of work prepared by staff specified the selection process would consider response time as well as cost and explained the award would not be solely based on cost. Public Works has previously worked with the contractor selected and was pleased with their effort. Staff recommends approval of this proposal as submitted.

Attachment

Exhibit-Overall site water plan with areas showing pipe recommended for replacement:

Roger Flynn, P.E.

City Manager’s Comments:

I have reviewed the above issue and recommend Council action as outlined in this document.

Mark S. Watson

Date: Feb 15, 2018
CITY OF OAK RIDGE, TENNESSEE
Abstract of Bids
Substitue the word Quotes for Bids

DATE: 2-14-2018

FOR — Emergency Relocation of 24" water line Bear Creek Rd.

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>COST FOR LABOR AND EQUIPMENT TO INSTALL APPROXIMATELY 400 LINEAR FEET OF 24&quot; DUCTILE IRON WATERLINE ALONG WITH FITTINGS AND APPURTENANCES</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIDDER:</td>
<td>Hurst Excavating Knoxvillle, TN</td>
</tr>
<tr>
<td>BIDDER:</td>
<td>Blount Excavating Maryville, TN</td>
</tr>
<tr>
<td>BIDDER:</td>
<td>Brabson Trucking Knoxville, TN</td>
</tr>
<tr>
<td>BIDDER:</td>
<td>Garney Const. Nashville, TN</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>UNIT</th>
<th>UNIT COST</th>
<th>TOTAL</th>
<th>UNIT COST</th>
<th>TOTAL</th>
<th>UNIT COST</th>
<th>TOTAL</th>
<th>UNIT COST</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

TOTAL PRICE

<table>
<thead>
<tr>
<th>BIDDER:</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hurst Excavating</td>
<td>$100,423.00</td>
</tr>
<tr>
<td>Blount Excavating</td>
<td>$111,630.00</td>
</tr>
<tr>
<td>Brabson Trucking</td>
<td>$137,776.00</td>
</tr>
<tr>
<td>Garney Const.</td>
<td>$257,970.00</td>
</tr>
</tbody>
</table>

TERMS

DELIVERY

F.O.B.

VIA

OTHER BIDDERS CONTACTED: Barger & Sons, Harriman, TN - chose not to submit

BIDS RECEIVED ANDRecorded BY —
Roger Flynn

REASON FOR AWARD
ONLY BID RECEIVED
LOW PRICE X
BETTER OR REQUIRED DESIGN
EARLY DELIVERY
LOWEST TOTAL COST

RECOMMEND AWARD BE MADE TO:
Hurst Excavating, PO Box 5374, Knoxville, TN 37928

BIDS REVIEWED BY —
Roger Flynn

[Signature]
RESOLUTION

A RESOLUTION AWARDING A CONTRACT (FY2018-134) IN THE ESTIMATED AMOUNT OF $100,423.00 TO HURST EXCAVATING, LLC, KNOXVILLE, TENNESSEE, FOR AN EMERGENCY WATERLINE REPLACEMENT AT BEAR CREEK ROAD.

WHEREAS, on January 29, 2018, a 24-inch diameter water line on Bear Creek Road inside the Y-12 complex failed; and

WHEREAS, this line serves the Oak Ridge National Laboratory (ORNL) and is part of the infrastructure transferred to the City as part of the Water Treatment Plant; and

WHEREAS, normal water supply is critical to operations at ORNL and, therefore, the repair is being treated as an emergency situation requiring a waiver of the City’s usual competitive bidding process; and

WHEREAS, the City proposes to replace a portion of the waterline rather than repair it due to worker safety and the age of the existing waterline which has already undergone one repair in 2014; and

WHEREAS, quotations were solicited from five local utility contractors, with Hurst Excavating, LLC, Knoxville, Tennessee, submitting the best quotation for said project; and

WHEREAS, the cost of the project will be shared 50/50 with DOE under the provisions of the water contract; and

WHEREAS, the City Manager recommends that competitive bids be waived and award be made to Hurst Excavating.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF OAK RIDGE, TENNESSEE:

That the recommendation of the City Manager that competitive bids be waived is approved and award is hereby made to Hurst Excavating, LLC, P.O. Box 5374, Knoxville, Tennessee 37928, for the furnishing of all labor, tools, materials, equipment and supplies necessary for the replacement of a designated portion of waterline at Bear Creek Road; said award in strict accordance with Contract FY2018-134, the required specifications, the contractor's quotation, and in the estimated amount of $100,423.00.

BE IT FURTHER RESOLVED that the Mayor and/or City Manager are hereby authorized to execute the appropriate legal instruments to accomplish the same.

This the 16th day of February 2018.

APPROVED AS TO FORM AND LEGALITY:

[Signature]
Kenneth R. Krushenski, City Attorney

[Signature]
Warren L. Gooch, Mayor

[Signature]
Mary Beth Hickman, City Clerk
RECREATION & PARKS MEMORANDUM
18-04

DATE: February 13, 2018
TO: Mark S. Watson, City Manager
FROM: Jonathan W. Hetrick, Recreation & Parks Director
SUBJECT: AWARD OF A CONTRACT FOR THE REPAIR OF THE POOL SHELL AT THE OAK RIDGE MUNICIPAL SWIMMING POOL

Introduction

An item for City Council’s consideration is a resolution to award a contract to Zehntner Construction Group of Brentwood, TN, for repair of the concrete pool shell at the Oak Ridge Municipal Swimming Pool in the estimated amount of $195,620.00.

Funding

Funding for the proposed project is included in the FY2018 Capital Improvements Program.

Review

The concrete pool shell was originally constructed in 1993 as part of a comprehensive renovation project. Over time, exposure to chemicals and environmental conditions have created defects in the pool’s concrete shell which, if not corrected, will continue to deteriorate. As the defects worsen, they become sources of water leaks in the pool. This loss of water requires the addition of new water from the spring that feeds the pool, which in turn requires increased treatment compared to treated water that has been recirculated. This increases the costs associated with chemical use and operation of the filtration system. Additionally, if left uncorrected, the leaks in the shell will likely eventually exceed the capacity of the spring to maintain the water level of the pool. Use of potable water from the City distribution system to supplement the spring is cost prohibitive. Correcting the deficiencies in the pool shell will allow the pool to operate more efficiently and reliably. This project has been put out for bid three times, with the City receiving no responses from qualified bidders. Subsequently, City staff were referred to Zehntner Construction Group. Zehntner Construction Group has performed work at the pool previously, constructing the toddler pool in 2008, and is therefore well qualified to perform the required repairs.

Recommendation

Staff recommends approval of the accompanying Resolution as submitted. As a reminder, bid waiver requires a unanimous vote of City Council.

Attachments

Jonathan W. Hetrick
City Manager's Comments:

I have reviewed the above issue and recommend Council action as outlined in this document.

Mark S. Watson  
Feb 15 2018  
Mark S. Watson  
Date
RESOLUTION

A RESOLUTION AWARDING A CONTRACT (FY2018-135) TO ZEHNTNER CONSTRUCTION GROUP, BRENTWOOD, TENNESSEE, FOR THE CONCRETE REPAIR PROJECT AT THE OAK RIDGE MUNICIPAL (OUTDOOR) SWIMMING POOL IN THE ESTIMATED AMOUNT OF $195,620.00.

WHEREAS, the Oak Ridge Municipal (Outdoor) Swimming Pool is in need of concrete repair work prior to the start of swimming season; and

WHEREAS, the City issued multiple invitations to bid for this work but all bid processes were unsuccessful; and

WHEREAS, the City contacted Zehntner Construction Group in Brentwood, Tennessee, for a quote to furnish all labor, tools, materials, equipment, and supplies necessary for the concrete repair project; and

WHEREAS, Zehntner Construction Group has provided satisfactory services to the City in the past; and

WHEREAS, the City Manager recommends that competitive bids be waived and award be made to Zehntner Construction Group.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF OAK RIDGE, TENNESSEE:

That the recommendation of the City Manager that competitive bids be waived is approved and award is hereby made to Zehntner Construction Group, 5123 Woodlawn Hills Drive, Brentwood, Tennessee 37027, for the furnishing of all labor, tools, materials, equipment and supplies necessary for the Oak Ridge Municipal Swimming Pool concrete repair project; said award in strict accordance with Contract FY2018-135, the required specifications, the contractor’s quotation, and in the estimated amount of $195,620.00.

BE IT FURTHER RESOLVED that the Mayor and/or City Manager are hereby authorized to execute the appropriate legal instruments to accomplish the same.

This the 16th day of February 2018.

APPROVED AS TO FORM AND LEGALITY:

Kenneth R. Krushenski, City Attorney

Warren L. Gooch, Mayor

Mary Beth Hickman, City Clerk