

**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 AWARDED 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 AWARDED 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

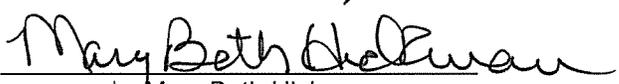
CITY CLERK MEMORANDUM
18-03

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

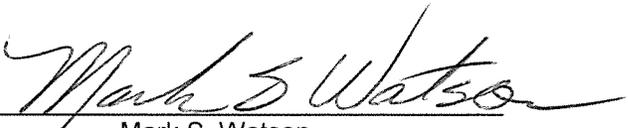
cc: Mark S. Watson, City Manager
Kenneth R. Krushenski, City Attorney
Department Directors
The Oak Ridger
Oak Ridge Today
The Knoxville News Sentinel
BBB Communications

ADMINISTRATIVE MEMORANDUM
18-01

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 AWARDING 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 ^{SAM}
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.



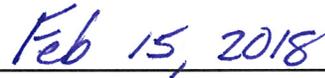
Roger Flynn, P.E.

City Manager's Comments:

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



Mark S. Watson



Date

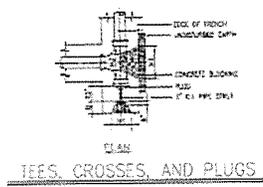
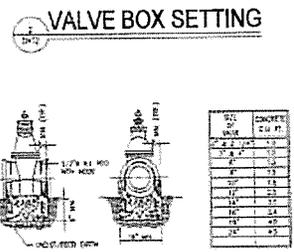
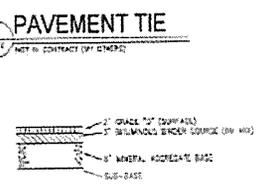
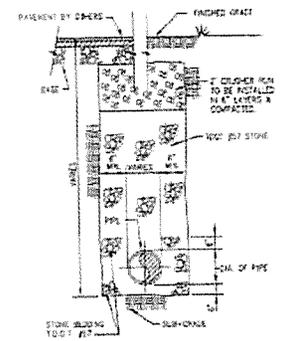
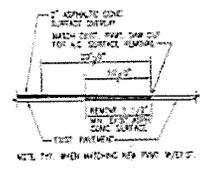
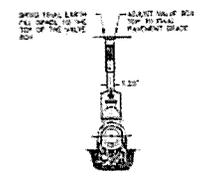
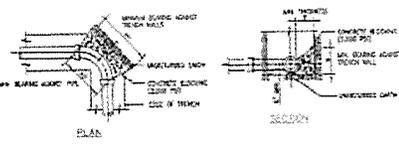
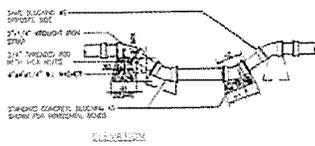
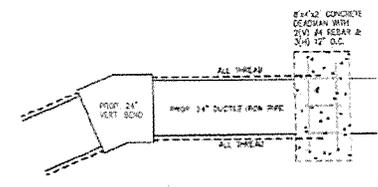
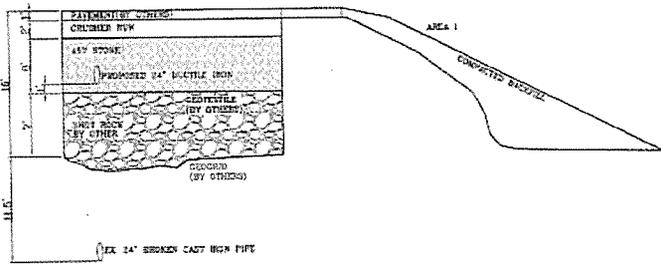
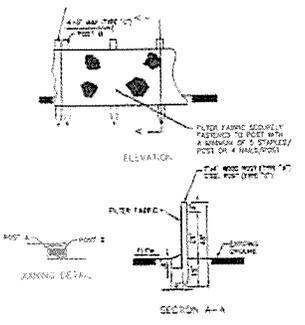


TABLE OF DIMENSIONS FOR CONCRETE BLOCKING

VALVE SIZE	12" BENDS	18" BENDS	24" BENDS	30" BENDS	36" BENDS	42" BENDS	48" BENDS	54" BENDS	60" BENDS	72" BENDS	84" BENDS	96" BENDS
12"	12" x 12" x 12"	12" x 12" x 12"	12" x 12" x 12"	12" x 12" x 12"	12" x 12" x 12"	12" x 12" x 12"	12" x 12" x 12"	12" x 12" x 12"	12" x 12" x 12"	12" x 12" x 12"	12" x 12" x 12"	12" x 12" x 12"
18"	18" x 18" x 18"	18" x 18" x 18"	18" x 18" x 18"	18" x 18" x 18"	18" x 18" x 18"	18" x 18" x 18"	18" x 18" x 18"	18" x 18" x 18"	18" x 18" x 18"	18" x 18" x 18"	18" x 18" x 18"	18" x 18" x 18"
24"	24" x 24" x 24"	24" x 24" x 24"	24" x 24" x 24"	24" x 24" x 24"	24" x 24" x 24"	24" x 24" x 24"	24" x 24" x 24"	24" x 24" x 24"	24" x 24" x 24"	24" x 24" x 24"	24" x 24" x 24"	24" x 24" x 24"
30"	30" x 30" x 30"	30" x 30" x 30"	30" x 30" x 30"	30" x 30" x 30"	30" x 30" x 30"	30" x 30" x 30"	30" x 30" x 30"	30" x 30" x 30"	30" x 30" x 30"	30" x 30" x 30"	30" x 30" x 30"	30" x 30" x 30"
36"	36" x 36" x 36"	36" x 36" x 36"	36" x 36" x 36"	36" x 36" x 36"	36" x 36" x 36"	36" x 36" x 36"	36" x 36" x 36"	36" x 36" x 36"	36" x 36" x 36"	36" x 36" x 36"	36" x 36" x 36"	36" x 36" x 36"
42"	42" x 42" x 42"	42" x 42" x 42"	42" x 42" x 42"	42" x 42" x 42"	42" x 42" x 42"	42" x 42" x 42"	42" x 42" x 42"	42" x 42" x 42"	42" x 42" x 42"	42" x 42" x 42"	42" x 42" x 42"	42" x 42" x 42"
48"	48" x 48" x 48"	48" x 48" x 48"	48" x 48" x 48"	48" x 48" x 48"	48" x 48" x 48"	48" x 48" x 48"	48" x 48" x 48"	48" x 48" x 48"	48" x 48" x 48"	48" x 48" x 48"	48" x 48" x 48"	48" x 48" x 48"
54"	54" x 54" x 54"	54" x 54" x 54"	54" x 54" x 54"	54" x 54" x 54"	54" x 54" x 54"	54" x 54" x 54"	54" x 54" x 54"	54" x 54" x 54"	54" x 54" x 54"	54" x 54" x 54"	54" x 54" x 54"	54" x 54" x 54"
60"	60" x 60" x 60"	60" x 60" x 60"	60" x 60" x 60"	60" x 60" x 60"	60" x 60" x 60"	60" x 60" x 60"	60" x 60" x 60"	60" x 60" x 60"	60" x 60" x 60"	60" x 60" x 60"	60" x 60" x 60"	60" x 60" x 60"
72"	72" x 72" x 72"	72" x 72" x 72"	72" x 72" x 72"	72" x 72" x 72"	72" x 72" x 72"	72" x 72" x 72"	72" x 72" x 72"	72" x 72" x 72"	72" x 72" x 72"	72" x 72" x 72"	72" x 72" x 72"	72" x 72" x 72"
84"	84" x 84" x 84"	84" x 84" x 84"	84" x 84" x 84"	84" x 84" x 84"	84" x 84" x 84"	84" x 84" x 84"	84" x 84" x 84"	84" x 84" x 84"	84" x 84" x 84"	84" x 84" x 84"	84" x 84" x 84"	84" x 84" x 84"
96"	96" x 96" x 96"	96" x 96" x 96"	96" x 96" x 96"	96" x 96" x 96"	96" x 96" x 96"	96" x 96" x 96"	96" x 96" x 96"	96" x 96" x 96"	96" x 96" x 96"	96" x 96" x 96"	96" x 96" x 96"	96" x 96" x 96"

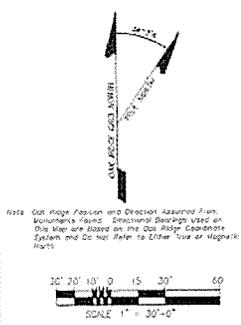
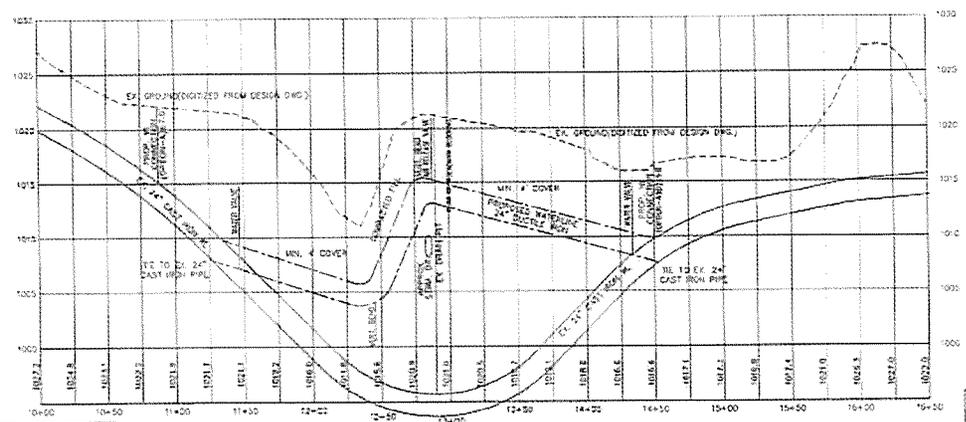
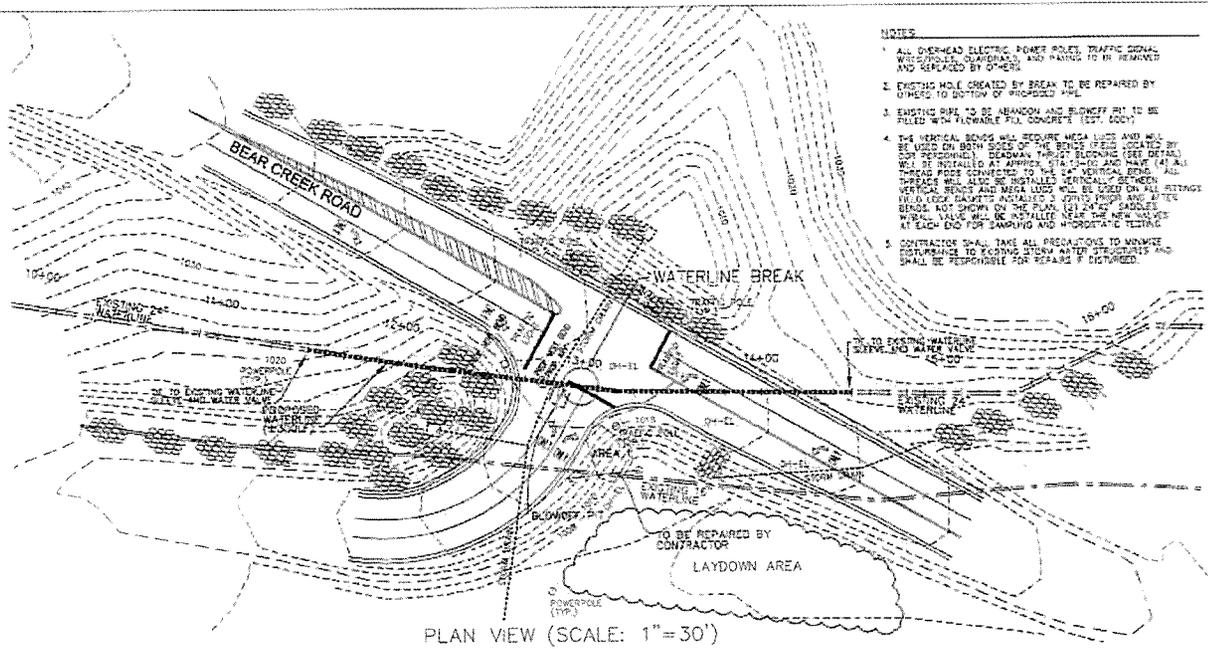
NOTE: DIMENSIONS ARE CONTROLLED BY THE DIAMETER OF THE BRANDY MARK



DATE	02/09/18	CITY OF OAK RIDGE PUBLIC WORKS ENGINEERING	JOB NO.	02-2018	
SCALE	1"=40'			SHEET	2
DESIGNED BY	B. MILLS	PROJECT	24" CAST IRON WATERLINE REPAIR ALONG BEAR CREEK ROAD (Y12)	TITLE	SITE DETAILS
APPROVED BY	D. FLYNN				



- NOTES**
1. ALL OVERHEAD ELECTRIC POWER POLES, TRAFFIC SIGNAL WIRE POLES, CABLEWAYS, AND PAVING TO BE REMOVED AND REPLACED BY OTHERS.
 2. EXISTING MOLE CREATED BY BREAK TO BE REPAIRED BY OTHERS TO LOCATION OF PROPOSED MFL.
 3. EXISTING PIPE TO BE ABANDONED AND BLOWOFF PIT TO BE FILLED WITH FLOWABLE FILL CONCRETE (EST. 500Y).
 4. THE VERTICAL BENCH AND MEGA LUGS AND WILL BE USED ON BOTH SIDES OF THE BENCH FROM LOCATED BY 25% PERFORMANCE DEADMAN THROUGH SLOPING (SEE DETAIL). WILL BE INSTALLED AT APPROX. 10'-2" TO 2" AND MADE AT ALL VERTICAL POLES CONNECTED TO THE 24" VERTICAL BENCH. VERTICAL BENCH AND MEGA LUGS WILL BE USED ON ALL STITING (V.D.) (SEE DETAIL) AVAILABLE 3' JUMPING POINTS AND OTHER BENCH NOT SHOWN ON THE PLAN. (SEE 24" VERTICAL BENCH) VERTICAL LUGS WILL BE INSTALLED NEAR THE NEW JOINTS AT EACH END FOR TAMPING AND HYDROSTATIC TESTING.
 5. CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO MINIMIZE DISTURBANCE TO EXISTING UTILITIES AFTER STRUCTURES AND SHALL BE RESPONSIBLE FOR REPAIRS IF DISTURBED.



Note: All Pipe Position and Direction Assumed From Engineer's Field Structural Drawings and as this map are based on the Oak Ridge Coordinate System and do not refer to other use or mapwork.

DATE	02/09/18	CITY OF OAK RIDGE PUBLIC WORKS ENGINEERING	PROJECT	24" CAST IRON WATERLINE REPAIR ALONG BEAR CREEK ROAD (Y12)	TITLE	PLAN & PROFILE SHEET	JOB NO.	02-2018
SCALE	1" = 40'		DRAWN BY	B. MILLS	DESIGNED BY	R. FLYNN	SHEET	1



CITY OF OAK RIDGE, TENNESSEE
Abstract of Bids
Substitutue the word Quotes for Bids

DATE: 2-14-2018

FOR --- Emergency Relocation of 24" water line Bear Creek Rd.			BIDDER: Hurst Excavating Knoxville, TN		BIDDER: Blount Excavating Maryville, TN		BIDDER: Brabson Trucking Knoxville, TN		BIDDER: Garney Const. Nashville, TN		
DESCRIPTION	Item	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	
Cost for labor and equipment to install approximately 400 linear feet of 24" ductile iron waterline along with fittings and appurtenances											
TOTAL PRICE			\$ 100,423.00		\$ 111,630.00		\$ 137,776.00		\$ 257,970.00		
TERMS											
DELIVERY											
F.O.B.											
VIA											
OTHER BIDDERS CONTACTED: Barger & Sons, Harriman, TN - chose not to submit							BIDS RECEIVED AND RECORDED BY--- Roger Flynn				
REASON FOR AWARD			RECOMMEND AWARD BE MADE TO:				BIDS REVIEWED BY---				
ONLY BID RECEIVED			Hurst Excavating, PO Box 5374, Knoxville, TN 37928				Roger Flynn				
LOW PRICE											
BETTER OR REQUIRED DESIGN											
EARLY DELIVERY											
LOWEST TOTAL COST											

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:



Kenneth R. Krushenski, City Attorney

Warren L. Gooch, Mayor

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.

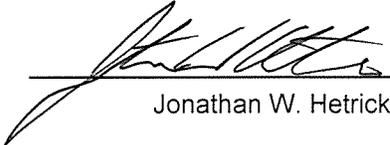
Review

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
Mark S. Watson

Feb 15 2018
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