



**Item:** Construction Contract Award: 14<sup>th</sup> Street Southwest and 5<sup>th</sup> Avenue Southwest Water Main Replacements, O. F. 1436

**From:** Engineering Division

**Initiated By:** Public Works Department

**Presented By:** Jim Rearden, Public Works Director

**Action Requested:** Consider Bids and Award Contract

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**Suggested Motion:**

1. Commissioner moves:

"I move the City Commission award a contract in the amount of \$644,485.00 to Phillips Construction, LLC for the 14<sup>th</sup> Street Southwest and 5<sup>th</sup> Avenue Southwest Water Main Replacements, O. F. 1436, and authorize the City Manager to execute the construction contract documents."

2. Mayor calls for a second, discussion, inquiries from the public, and calls for the vote.

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**Staff Recommendation:** Award construction contract award.

**Background:**

Significant Impacts

This project will replace portions of the water system located in 14<sup>th</sup> Street Southwest, 16<sup>th</sup> Street Southwest, 20<sup>th</sup> Street Southwest, and 5<sup>th</sup> Avenue Southwest. Most of these water mains were installed in the late 1960's and 1938.

Citizen Participation

This project is being completed in cooperation with the Department of Environmental Quality (DEQ) and using the Drinking Water State Revolving Fund (DWSRF) for financing.

Neighborhood council number two has also been notified.

Workload Impacts

City engineering staff designed the project, will perform construction inspection and contract administration duties.

### Purpose

This project will replace water mains that have been failing and are damaging roadways, flooding private property, and disrupting water service to local residences and businesses. The breaks are primarily due to corrosive soils, type of pipe material used, and age.

### Project Work Scope

This project will replace approximately 2,150 lineal feet of 6- and 8-inch cast iron water main with 8-inch PVC, 3,200 lineal feet of 8-inch and 12-inch cast iron water main with 12-inch PVC, 260 lineal feet of 16-inch cast iron water main with 16-inch PVC, replace 8 fire hydrants, install 2 additional fire hydrants, 18 water service connections; 3,750 square yards of gravel, and 3,250 square yards of asphalt for road repairs.

The mains are located in 14<sup>th</sup> Street from 5<sup>th</sup> Avenue Southwest to 2<sup>nd</sup> Avenue Southwest; 16<sup>th</sup> Street from 5<sup>th</sup> Avenue Southwest north approximately 570 feet; 20<sup>th</sup> Street from 5<sup>th</sup> Avenue Southwest north approximately 260 feet; and 5<sup>th</sup> Avenue Southwest from 14<sup>th</sup> Street to 20<sup>th</sup> Street.

### Evaluation and Selection Process

Four bids were received and opened for this project on September 5, 2008. The bids ranged from \$748,957.00 to \$644,485.00. Phillips Construction, LLC. submitted the low bid and has provided all the necessary documents.

The engineer's estimate is \$712,392.50. Phillips Construction is an established local contractor and has done many projects within the City. Phillips Construction has the resources and the manpower to complete this project.

### Conclusion

City staff recommends awarding the construction contract to Phillips Construction, LLC in the amount of \$644,850.00.

### **Concurrences:**

DEQ has reviewed and approved the plans and specifications for this project, and has given their approval on the selected bidder.

### **Fiscal Impact:**

Replacement of these mains will save on maintenance due to man hours and resources necessary for repairs to broken water mains, damaged streets, and surrounding property.

The attached bid tabulation summarizes bids that were received. DWSRF funds are available for this project.

### **Alternatives:**

The City Commission could vote to deny award of the construction contract and re-bid the project or do nothing and continue to repair main breaks as they occur.

### **Attachments/Exhibits:**

1. Bid tabulation is attached.

CITY OF GREAT FALLS  
 P.O. BOX 5021  
 GREAT FALLS, MT 59403

BID TABULATION SUMMARY

14th St SW and 5th Ave SW Water Main Replacement  
 O.F. 1436

Project Number \_\_\_\_\_  
 Bids Taken at Civic Center  
 Date: September 5, 2008  
 Tabulated By: Kari Wambach

	Name & Address of Bidder	Acknowledge Addendum #1	Acknowledge Addendum #2	10% Bid Security	Affidavit of Non-Collusion	Certificate of Non-Segregated Facilities	Certificate of Compliance with Insurance Req.	Total Bid
1	Phillips Construction 795 Ulm-Vaughn Rd. Great Falls, MT 59404	√		√	√	√	√	\$644,485.00
2	Shumaker Trucking Company P.O. Box 1279 Great Falls, MT 59403-1279	√		√	√	√	√	\$748,957.00
3	United Materials, Inc. P.O. Box 1690 Great Falls, MT 59403	√		√	√	√	√	\$652,720.00
4	Liggett Construction 3000 Division Road Great Falls, MT 59404	√		√	√	√	√	\$656,360.00
5								
6								
7								
8								
9								
10	<b>Engineer's Estimate</b>							<b>\$712,392.50</b>