



**Item:** Construction Contract Award: Central Avenue and 33<sup>rd</sup> Street North Water Main Replacement, O. F. 1599.2

**From:** Engineering Division

**Initiated By:** Public Works Department

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

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

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**Suggested Motion:**

1. Commissioner moves:

"I move the City Commission award a contract in the amount of \$1,098,575.00 to United Materials of Great Falls, Inc. for the Central Avenue and 33<sup>rd</sup> Street North Water Main Replacement, O. F. 1599.2, and authorize the City Manager to execute the construction contract documents."

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

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

**Background:**

Significant Impacts

This project will replace portions of the water system located on the east side of the City primarily along Central Avenue from 27<sup>th</sup> Street to 38<sup>th</sup> Street. These water mains were installed between 1920 and 1930.

Citizen Participation

This project is being completed in cooperation with the Montana Department of Environmental Quality (DEQ).

Workload Impacts

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

### Purpose

This project will replace 90 year old water main, making needed improvements to the City's water distribution system. These water mains have been failing with increasing frequency, causing damage to roadways and disrupting water service to local residences.

The water main breaks are primarily due to corrosive soils, type of pipe material used, and age.

### Project Work Scope

This project will replace approximately 8,275 lineal feet of 6-inch, 8-inch and 12-inch water main and 415 lineal feet of 16-inch water main, 16 fire hydrants, 153 water service connections, 7,450 square yards of gravel, and 9,150 square yards of asphalt pavement.

The project locations include:

- Central Avenue from 27<sup>th</sup> Street to 38<sup>th</sup> Street
- 1<sup>st</sup> Avenue South from 31<sup>st</sup> Street to 32<sup>nd</sup> Street
- 32<sup>nd</sup> Street from 1<sup>st</sup> Avenue North to 1<sup>st</sup> Avenue South
- 33<sup>rd</sup> Street from Central Avenue to 3<sup>rd</sup> Avenue North
- 36<sup>th</sup> Street from 4<sup>th</sup> Avenue North to 5<sup>th</sup> Avenue North
- 38<sup>th</sup> Street from Central Avenue to 1<sup>st</sup> Avenue South

### Evaluation and Selection Process

Five bids were received and opened for this project on March 6, 2013. The bids for this project ranged from \$1,098,575.00 to \$1,940,535.00. United Materials of Great Falls, Inc., submitted the low bid. United Materials is an established responsible local contractor and has done numerous projects within the City.

### Conclusion

City staff recommends awarding the contract to United Materials in the amount of \$1,098,575.00. United Materials has executed all the necessary documents.

### **Concurrences:**

DEQ has reviewed and approved the plans and specifications for this project.

### **Fiscal Impact:**

Replacement of the water main will save on maintenance due to man hours and resources necessary to repair water main breaks and repair streets and surrounding property.

This project is being funded through the Water Capital Improvement fund.

The attached bid tabulation summarizes bids that were received.

### **Alternatives:**

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

### **Attachments/Exhibits:**

1. Bid tabulation is attached.
2. Vicinity Map is attached.



# VICINITY MAP

