



Item: Contract Amendment No. 1 to the Consultant Engineering Agreement for the 3rd Avenue Northwest Roadway Improvements, O.F. 1488

From: Engineering Division

Initiated By: Public Works Department

Presented By: Jim Rearden, Public Works Director

Action Requested: Approve Contract Amendment No. 1

Suggested Motion:

1. Commissioner moves:

"I move the City Commission approve Contract Amendment No. 1 in the amount of \$172,030.00 for NCI Engineering for the 3rd Avenue Northwest Roadway Improvements, O. F. 1488, and authorize the City Manager to execute the necessary documents."

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

Staff Recommendation: Approve Contract Amendment No. 1.

Background:

Significant Impacts

This amendment will provide for the additional engineering involved during the design of the new roadway.

Citizen Participation

Not applicable.

Workload Impacts

NCI Engineering, Inc. (NCI) completed the project design and performed environmental inspection and reporting duties. City engineering staff provided project inspection and contract administration duties.

Purpose

This construction improvements project provides access to the new Federal Courthouse and West Bank Park. The utilities and roadway were constructed from the north end of the Mitchell Development property, north to the relocated West Bank parking lot and west across the railroad

right-of-way to the connection with 3rd Street Northwest.

Project Work Scope

NCI designed the street improvements which included site grading, storm drainage, curb and gutter, asphalt pavement, sidewalks, pavement markings and signing. Approximately 600 feet of new 8-inch water main were installed, including a tie-in to an existing waterline in 4th Avenue Northwest. The construction was bid and completed in two phases.

The initial scope of the contract was to design the roadway using the existing 4th Avenue Northwest location. This design was nearing completion in September of 2008 with the completion of a traffic signal study. After review of the traffic signal study, the Montana Department of Transportation (MDT) did not agree that the intersection of 4th Avenue Northwest was an acceptable location for an additional traffic signal and therefore, would not allow this access point onto 3rd Street Northwest. NCI was directed to design a new roadway to the south of 4th Avenue Northwest. The eastern portion of the designed roadway which included the railroad crossing was usable so the City decided to bid and construct that section first. Meanwhile, the western section of the roadway to 3rd Street Northwest was re-designed as 3rd Avenue Northwest and bid separately.

The additional design for the 3rd Avenue Northwest alignment increased the consultant's workload and cost. In addition, the West Bank One project came into the picture, which would increase traffic, and caused MDT to require an additional traffic impact study. The roadway relocation also resulted in increased cost for subconsultants (i.e. environmental testing, traffic analysis, surveying, and appraisals), additional meetings, and negotiations with property owners. The costs associated with this extra work are broken down into major tasks in the attachment.

Evaluation and Selection Process

NCI was selected in accordance with the City's Architect Engineers Surveyors Selection Policy. The Commission awarded the contract on October 16, 2007.

Conclusion

City staff recommends approving this amendment with NCI Engineering in the amount of \$172,030.00. This amendment increases the contract amount from \$121,070 to a final cost of \$293,100.00.

Concurrences:

Not Applicable.

Fiscal Impact:

This project was funded through Tax Increment Funds.

Alternatives:

The City Commission could vote to deny approval of the amendment.

Attachments: Cost Breakdown and Contract Amendment No. 1 (Not available online on file in City Clerk's Office.)

THIRD AVENUE NORTHWEST PROJECT ENGINEERING SERVICES

<u>Basic Services Major Tasks</u>	<u>Original Contract Estimated Amount</u>	<u>Original Contract Actual Billing</u>	<u>Extra Work Amount</u>	<u>Total Contract Amount Billed</u>	<u>Final Negotiated Amount</u>
Land Acquisiton	\$ 17,000	\$28,000	\$ 16,795	\$ 44,795	\$ 44,795
Traffic Analysis	\$ 31,900	\$32,800	\$ 19,540	\$ 52,340	\$ 41,340 ¹
Roadway Design	\$ 58,380	\$72,950	\$ 89,470	\$162,420	\$162,420
Meetings	\$ 7,880	\$ 7,504	\$ 20,755	\$ 28,259	\$ 18,259 ²
Permits	\$ 0	\$ 0	\$ 9,631	\$ 9,631	\$ 9,631
Environmental	<u>\$ 5,910</u>	<u>\$ 1,800</u>	<u>\$ 14,855</u>	<u>\$ 16,655</u>	<u>\$ 16,655</u>
	\$121,070	\$143,054	\$169,151	\$314,100	\$293,100

¹ Traffic Impact Study split with Talcott (-\$11,000)

² NCI deducted \$10,000 from meetings