



City of Grand Island

Tuesday, August 14, 2012

Council Session

Item G12

#2012-207 - Approving Change Order No. 1 for Asphalt Resurfacing Project 2012-AC-1

Staff Contact: Terry Brown, Interim Public Works Director

Council Agenda Memo

From: Scott Griepenstroh, PW Project Manager

Meeting: August 14, 2012

Subject: Approving Change Order No. 1 for Asphalt Resurfacing Project 2012-AC-1

Item #: G-12

Presenter(s): Terry Brown, Interim Public Works Director

Background

Gary Smith Construction Co., Inc., of Grand Island, Nebraska was awarded a \$309,967.70 contract by the City Council on May 8, 2012 for the annual asphalt overlay project. The estimate for the 2011 asphalt resurfacing project was \$395,392.70.

Discussion

With assistance from the Nebraska Department of Roads (NDOR) Materials and Research Division, the specifications for the asphaltic concrete materials were improved to utilize current mix design methodologies and testing procedures. The 2012 Resurfacing project required two different types of SPL (Static Pressure Load) mixes – a leveling course (bottom lift) and a surface course. The SPL Asphaltic Concrete requires higher amounts of crushed aggregate to resist rutting and superior grades of liquid asphaltic cement (oil) for performance and durability.

The specifications allow for addition of Reclaimed Asphalt Pavement, also known as RAP, to substitute for new aggregate and asphaltic cement. RAP is acquired by milling (removal by grinding) existing asphalt pavement. Addition of RAP in new asphalt mixes is encouraged by most State Highway Agencies because of cost benefits and environmental stewardship. A report from the Federal Highway Administration shows that 80 percent of asphalt pavement that is removed is reused, making RAP the most recycled material in the United States.

By utilizing RAP, contractors can reduce their material costs and provide more competitive bids. However, in order for the Contractor to meet the rigid testing standards of our specifications, the RAP must be of high quality and consistency. Typically, the highest quality RAP is from millings acquired from asphalt pavement on Interstate 80 due to its consistency and aggregate quality.

In accordance with the specifications, the Contractor is required to provide and pay for any RAP used in the asphaltic concrete mix. Of three optional sources of RAP that were considered, the Public Works Engineering Division preferred RAP that was acquired from Interstate 80 and owned by NDOR. NDOR policy only allows the sale of RAP to be made directly with another governmental agency.

The City will be invoiced for the cost of the RAP by NDOR. The contractor is being deducted the cost of the RAP through this change order.

Alternatives

It appears that the Council has the following alternatives concerning the issue at hand. The Council may:

1. Move to approve
2. Refer the issue to a Committee
3. Postpone the issue to future date
4. Take no action on the issue

Recommendation

City Administration recommends that the Council approve Change Order No. 1 for Asphalt Maintenance Project 2012-AC-1.

Sample Motion

Move to approve the resolution.

City of Grand Island
100 East 1st Street
Grand Island, Nebraska 68801

CHANGE ORDER NUMBER 1

Date of Issuance: August 14, 2012

PROJECT: Asphalt Maintenance Project 2012-AC-1

CONTRACTOR: Gary Smith Construction Co., Inc.

CONTRACT DATE: May 8, 2012

	<u>Quantity</u>	<u>Unit Price</u>	<u>Total Price</u>
1. Reclaimed Asphalt Pavement (RAP) – Purchased from State	1,205.33 ton	-\$10.00/ton	-\$12,053.30
TOTAL OF CHANGE ORDER NO. 1			- \$12,053.30

Contract Price Prior to This Change Order\$309,967.70
Net Increase/Decrease Resulting from this Change Order\$ 12,053.30
Revised Contract Price Including this Change Order.....\$297,914.40

Approval Recommended:

By _____
Terry Brown, Interim Public Works Director

Date _____

The Above Change Order Accepted:

Gary Smith Construction Co., Inc.
Contractor

By _____

Date _____

Approved for the City of Grand Island:

By _____
Jay Vavricek, Mayor

Attest: _____
RaNae Edwards, City Clerk

Date _____

RESOLUTION 2012-207

WHEREAS, on May 8, 2012, by Resolution 2012-117, the City of Grand Island awarded Gary Smith Construction Co., Inc. of Grand Island, Nebraska the bid in the amount of \$309,967.70 for Asphalt Resurfacing Project No. 2012-AC-1; and

WHEREAS, it has been determined that Reclaimed Asphalt Pavement (RAP) acquired from Interstate 80 and owned by Nebraska Department of Roads (NDOR) is in the best interest of the City for such project; and

WHEREAS, such modifications have been incorporated into Change Order No. 1; and

WHEREAS, the result of such modifications will decrease the contract amount by \$12,053.30 for a revised contract price of \$297,914.40.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the Mayor be, and hereby is, authorized and directed to execute Change Order No. 1 between the City of Grand Island and Gary Smith Construction Co., Inc. of Grand Island, Nebraska to provide the modifications.

Adopted by the City Council of the City of Grand Island, Nebraska, August 14, 2012.

Jay Vavricek, Mayor

Attest:

Brenda Sutherland, Acting City Clerk

Approved as to Form	☒ _____
August 16, 2012	☒ City Attorney