



STAFF REPORT

DATE: June 26, 2012

TO: Mayor and City Council

FROM: Juan Garrido, Wastewater and Stormwater Superintendent

SUBJECT: 650 NORTH STORM DRAIN PIPELINE CONSTRUCTION PROJECT

RECOMMENDED ACTION

Motion to:

- Award the 650 North Storm Drain Pipeline Construction project to the lowest responsible bidder, Lyndon Jones Construction, in the amount of \$209,819.25 and authorize the Director of Public Works to issue a Notice to Proceed for the project, and
- Authorize the City Administrator to issue Change Orders (if needed) not to exceed 10% of the awarded amount (\$20,982), and
- Authorize the City Administrator to expand the scope of the project so long as the total cost of the project does not exceed the specific budgeted amount of \$300,000.00.

SUMMARY OF ISSUES/FOCUS OF ACTION

A number of years, ago as part of residential development, a storm drain system was installed in the area between approximately 500 North to 850 North between 250 West and 300 West. The majority of this storm drain system, unfortunately, was installed along back lot lines. In the intervening years since the pipeline's installation trees roots have infiltrated the pipeline significantly reducing its capacity to convey storm water. Additional developments have also connected their storm water runoff to the pipe further exacerbating the problem. Together these have resulted in flooding of residential lots on a semi-regular basis. The pipeline was therefore placed on the high priority list and budgeted to be replaced this fiscal year.

A number of different alignment alternatives were examined by City staff to better convey storm water runoff and mitigate flooding potential including replacing the pipeline within the existing alignment. While easements exist along the existing pipeline, due to its being located within private property in residents' back yards, it was determined that the best alternative would be to reroute the pipeline as much as possible into the public right-of-way.

CITY COUNCIL MEETING

July 3, 2012

The new pipeline was upsized to better convey storm water runoff and will be rerouted such that the majority of the pipeline will be within public rights-of-way (streets). There are still two reaches, however, where the pipeline will have to cross private property. City Engineering staff have worked with these residents and have obtained permission and easements for the pipeline to be installed across their respective properties.

SCOPE OF WORK

Installation of approximately 50 linear feet of 15-inch reinforced concrete pipe (RCP), 420 linear feet of 18-inch RCP, and 925 linear feet of 24-inch RCP in/along 250 West and 650 North. The project also includes the installation of six storm drain manholes, one storm drain combo box, one dual curb face inlet, two single curb face inlets; the removal and disposal of existing storm drain pipe; removal and disposal of asphalt along pipeline trench and placing new asphalt pavement along pipeline trench and ancillary concrete work. Additionally a portion of the pipeline will be installed along the side yard of several residential home lots and there will be landscape and fence restoration required. The work to be performed includes furnishing all necessary materials, equipment, facilities, services and appurtenances thereto needed for the complete construction of the project.

Exhibit "A" shows the extent of pipeline replacement for the project.

BID RESULTS

City Public Works Department Engineering Division personnel prepared plans, specifications, and bidding documents (i.e. Contract Documents) for the project. These Contract Documents were placed on BidSync, an internet bidding service approved by the State of Utah. Bids were received via BidSync and tabulated by City Engineering staff. The following were the bids received and the City's action with respect to each bid:

Company	Bid Amount	Comments
Lyndon Jones Construction	\$209,819.25	Responsible Low Bid
TNT Construction	\$214,459.00	
Vancon	\$223,194.75	
Johnston and Phillips	\$236,436.80	
S &L	\$309,736.95	

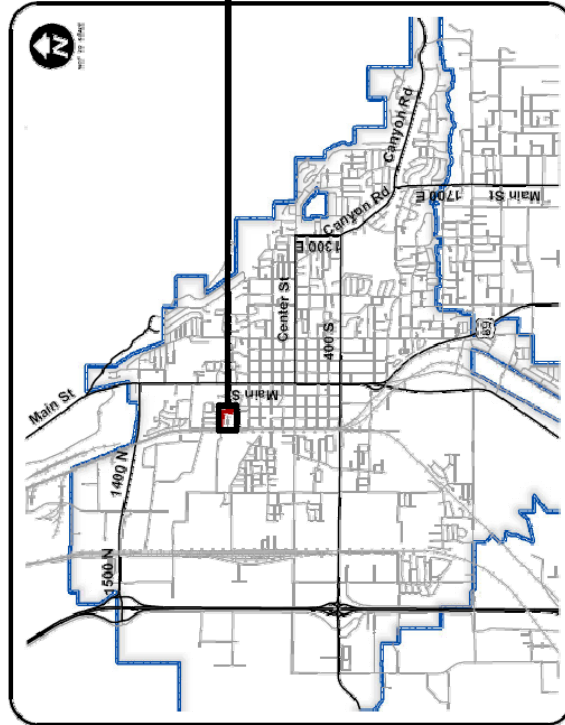
FISCAL IMPACT

This project was budgeted for the current (2011-2012) fiscal year. The GL Accounts and budgeted amounts are listed below:

GL Account	Description	Budgeted Amount
55-6050-XXX	Henson Subdivision Storm Drain	\$300,000.00

650 NORTH STORM DRAIN PIPELINE

Exhibit "A"



VICINITY MAP



PROJECT LOCATION DETAIL



Public Works Department
110 South Main Street
Springville, UT 84663
Tel: (801) 491-2780
Fax: (801) 489-2709

MAYOR & CITY COUNCIL
MAYOR WILFORD W. CLYDE
COUNCILMAN MARK PACKARD
COUNCILMAN DEAN F. OLSEN
COUNCILMAN BEN JOLLEY
COUNCILMAN CHRIS CREER
COUNCILMAN RICK CHILD

PUBLIC WORKS DEPARTMENT
PUBLIC WORKS DIRECTOR: BRAD STAPLEY, P.E.
CITY ENGINEER: JEFF ANDERSON, P.E.
CIVIL ENGINEER: NOAH GORDON, P.E.
CITY SURVEYOR: TRAVIS ANDERSON, P.L.S.
PUBLIC WORKS INSPECTOR: PAUL CURTIS