



Item: Construction Contract Award: 18th Street Storm Drain Improvements Phase 2A – 1st Alley South to 4th Avenue South, Office File 1462.2

From: Engineering Division

Initiated By: Public Works Department

Presented By: Jim Rearden, Public Works Director

Action Requested: Consider Bids and Award Construction Contract

Suggested Motion:

1. Commissioner _____ moves:

“I move the City Commission (award/not award) a contract in the amount of \$2,517,985.00 to Phillips Construction for the 18th Street Storm Drain Improvements Phase 2A – 1st Alley South to 4th Avenue South project, contingent upon Montana Department of Environmental Quality concurrence, and authorize the City Manager to execute the necessary documents.”

2. Mayor Kelly requests a second to the motion, Commission discussion, public comment, and calls for the vote.

Staff Recommendation: Approve construction contract award.

Background:

Significant Impacts

This project was initiated to improve regional storm water conveyance capacity. This phase of the larger 18th Street Storm Drain Project will significantly upsize the storm drain pipe located along 17th and 18th Streets South between Central Avenue and 4th Avenue South. Additional phases of the project will connect this new large pipe to the improvements recently completed further south in the storm water basin.

Citizen Participation

The improvements to the storm drain system will reduce the potential for stormwater impacting motorists and property during heavy rain events. There will be road closures along the route of the pipe installation. Local access for churches, schools and residents will be provided during construction.

Workload Impacts

Thomas, Dean & Hoskins Engineering staff assisted City staff with design phase engineering and prepared plans and specifications. City engineering staff will provide construction phase engineering services and project inspection.

Purpose

This project, along with other phases, was designed to reduce the potential for flooding at the intersection of 15th Avenue South and 23rd Street South, and at 11th Avenue South and 11th Alley South between 18th and 19th Streets South. This phase will increase the size of the storm drain pipe at the lower end of the storm water basin to convey the additional storm water collected by the improvements constructed under other phases. Due to the availability of funding, Phase 2A will construct about half of the large pipe between Central Avenue and the recent improvements constructed in Chowen Springs Park near 8th Avenue South. An additional phase will be necessary to connect the work done on this project with earlier improvements.

In addition to Phase 2A described above, the following storm drain improvements are planned or have been constructed: 1) new upsized pipe on 20th Street South, 18th Street South and 17th Street South to connect to existing large diameter pipe in Central Avenue; 2) new inlets along the new pipe at areas that currently experience stormwater ponding; 3) an overflow channel on the west side of the intersection of 15th Avenue South and 23rd Street South, which will convey water from the intersection to a new stormwater detention pond located on UGF property; 4) a shallow detention pond located at Chowen Springs Park; and 5) expansion of the Sand Hills Park detention pond.

Project Work Scope

Improvements include the installation of 5 blocks of 10 foot wide by 4 foot wide concrete box culvert storm drain from the intersection of Central Avenue and 18th Street South to 17th Street South and 4th Avenue South. Sixty-six inch concrete storm drain pipe will be replaced in 18th Street South. Waterlines and sanitary sewers will be relocated at multiple locations to allow for the new large storm drain pipe. ADA accessible ramps and road resurfacing will be included in this project. The project is scheduled for substantial completion in 139 calendar days. The project was bid as a base project including 3 blocks of work and then two Bid Alternates for one additional block each. The bids fell within the project budget, allowing the base bid and the two alternatives to be included.

Evaluation and Selection Process

Four bids were received on July 6, 2016, with the base bids ranging between \$1,559,008.00 and \$2,402,429.50. Phillips Construction, located in Great Falls, MT, submitted the low base bid. Phillips also provided the lowest bid for each bid alternative. Bid Alternative 1 bids ranged from \$517,613.00 to \$793,207.26, and Bid Alternative 2 bids ranged from \$441,364.00 to \$689,272.75.

Conclusion

City staff recommends awarding the base bid and bid alternates 1 and 2 to Phillips Construction in the amount of \$2,517,985.00.

Fiscal Impact:

The attached bid tabulation summarizes the bids that were received. The City has been approved for a State Revolving Fund Loan to cover the costs associated with this project. The City storm drain fund will repay the loan.

Alternatives:

The City Commission could vote to deny award of the construction contract.

Attachments/Exhibits:

1. Bid tabulation

