

SULTAN CITY COUNCIL
AGENDA ITEM COVER SHEET

ITEM NO: A - 2
DATE: October 8, 2008
SUBJECT: Sewer Line Repair – Sixth Street
CONTACT PERSON: Connie Dunn, Public Works 

ISSUE:

The issue before the Council is the emergency repair of the Sixth Street sewer mainline between Fir and Date Avenues. Approve the expenditure to Cameron Construction for the repair of the Sixth Street sewer mainline by replacing the concrete tile line with a high-density plastic pipe. Included in the October 9, 2008 budget amendment is the cost of vactor truck service and camera work completed before the repair could start. The truck and camera was on site twice before the City decided how to correct the failure of the sewer mainline.

STAFF RECOMMENDATION:

At the Council Meeting on September 25, 2008, the Council gave verbal direction for staff to move forward with this project in order to provide service to the homes on this sewer main line. Staff is recommending a budget amendment for \$35,000.00 from the Cumulative Reserve (CR) Utility Fund and approval of the expenditure of the sewer line repair completed by Cameron Construction.

The public hearing and details for the amendment are included as item PH-1 in the City Council October 9, 2008 Agenda Packet.

SUMMARY:

September 17, 2008 Public Works Staff received notice the sewer main on Sixth Street behind the Elementary School was plugged. The City went to the jobsite with the vactor truck that was already in the City cleaning other sewer lines.

September 23, 2008 the staff responded to a second emergency call out with a larger and more powerful vactor truck and still could not break the blockage loose.

Staff immediately started working on getting three written bids. (Attachment A):

Roto Rooter was an unresponsive bidder, \$3,000.00 per day plus parts and labor, plus cost of equipment rental, verbal only, no written proposal.

Buno Construction \$33,475 plus state sales tax, which included mobilization, clearing and grubbing, and restoration to pipe burst the mainline
Cameron Construction Time and Material with rates attached to the bid, estimated 2 ½ to 3 days. Include mobilization, clearing and grubbing, pipe bursting, and restoration. Estimated cost \$23,309 plus state sales tax.

The work being completed with this project is in the existing sewer mainline corridor.

ALTERNATIVES:

1. The choices were to pipe burst the existing pipe underground or dig a trench and install new pipe using standard methods of construction. Pipe bursting is a newer and cost effective method of mainline replacement in the industry.

2. Not repairing the main line was not an option the City Utility is required to continue providing the sewer service for which the customers pay.

FISCAL IMPACT:

The estimated cost \$25,308.91 plus approximately \$9,691.09 for the cost of the vector truck and camera work associated prior to construction. The funding is included in the 2008 Budget amendment as listed in the Ph - 1 in the City Council October 9, 2008 agenda packet.

RECOMMENDED COUNCIL ACTION:

Approve the estimated expenditure of \$25,308.91 to Cameron Construction for the pipe bursting of the Sixth Street sewer mainline from Date to Fir Avenues. Additionally approve approximately 9,691.00 for the vector truck and camera work required before the project started. Amending the 2008 Budget in the amount of \$35,000

ATTACHMENTS: Bid Documents, pages 3 through 6 of 6, A-2

PROPOSAL

CUSTOMER	CITY OF SULTAN WA	DATE	9/25/2008
ADDRESS	319 MAIN ST SULTAN	JOBSITE	DATE ST N. OF SCHOOL
CONTACT	MIKE WILLIAMS	LOCATE	LOC # 8331854 CALLED 9/25/08
PHONE	CELL 425 508 9120	FAX	

Description of work:

I visited sight 9/25/2008. The existing 4" sewer serves 600 Fir Ave, 526 Fir St, 516 Fir St, 514 Fir St, and 5126th street. One of the properties is a duplex. **The sewer serving the homes in not functional at this time. This job should be classified as emergency work because the effected homes are out of service.** The sewer line was backed up into the riser of the 4" clean out that the City installed this week. Unsuccessful Hydro jetting by another company was completed prior to my arrival. The city agreed to have the line located after not finding the sewer line by excavating in the drainage detention tract. Locating company located the sewer line that was East of the suspected location. The sewer line jogged to the East and connected to 512 6th street via field made 90 degree bend. At this location the sewer line was under pressure and leaking effluent. We agreed to have the line cleaned by rooter machine. Rooter was completed to 100' without major resistance. The stimated distance from this Y connection in the detention tract to Date Street appears to be around 300 +/- feet. There appears to be little fall in the sewer line and the mainline on Date Ave is less than 5 feet deep. We concluded that the desired repair method would be to replace the sewer line using pipe bursting method from current excavation at the North side of the drainage tract to the South end of the drainage tract.

Camerons Construction agreed complete a proposal to work on the project on a time and material basis.

The following foreseen rates apply. These rates do not apply to overtime.

- 1 Mob \$600.00
- Working supervisor 98.00 HR
- Equipment operator 79.00 HR
- General laborer 65.00 HR
- Service truck with tools 29.00 per hour
- 50 excavator with 3 buckets and hydraulic thumb \$350.00 day
- Vermeer PB30 pipe burster with hydraulic excavator power unit. \$850.00 day
- Positrack with brush cutter 125.00 per hour + 200.00 mob
- 7-9 yard dump truck with Equipment trailer 130.00 HR
- Solo S/A dump truck 115.00 HR
- 1 Ton truck and trailer with driver 85.00 per hou.
- Excludes pipe fusion unit rental

Unlisted Materials and other rental items used are to be billed at actual cost, multiplied by a factor of 1.25.

- 5% fuel surcharge applies
- Prevailing wage filing expenses extra

5% P&O charge applies.

Estimated work schedule:

Thursday, September 25, 2008 visited sight and assisted with work and repair plan. Complete T&M based proposal. Called Emergency locate # 8331854. Emergency locate called as customers are out of service and locates are needed ASAP to restore service.

Friday, September 26, 2008

Email proposal and await approval from the City of Sultan.

Moving equipment to the job can begin the same day soon as approval is given. Excavation and repair can begin as soon as Monday Morning 7:00 AM. This is when the utility locates are to be completed. As the brush cutting is completed, we will start the digging as required to complete the pipe bursting.

The repair method is to pull a new HDPE 6" sewer line through the existing 4" sewer line at existing grade. We will install 6" surface clean outs at 100' +/- intervals. Reconnect to the existing 4" sewer lines at the North side of the drainage tract. Connect to existing sewer line at South side of the drainage tract.

Work will be tracked daily by using daily work order sheets. The work orders will track equipment, labor and other materials used to complete the work. The daily work orders have signature lines for the city and the contractor. The daily work orders and this proposal will be the method used to calculate final billing.

Camerons Construction will coordinate with the City and complete the work as efficiently as possible.

Proposal Excludes permits, landscaping and sales tax.

Does not include permits. Permits

PRICE and payment Method

We hereby propose to furnish material and labor complete according to the above specifications, on time and material basis.

Payment to be made as follows: List payment terms here:

Acceptance of proposal: The above specifications, prices and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined

BUNO CONSTRUCTION, LLC

CONTRACTORS REGISTRATION
BUNOCL*981BN

September 26, 2008

Connie Durn
City Of Sultan

Proposal For "Sewer Repair & Rehabilitation By Pipe Bursting"

We are pleased to quote on the above referenced project.

Our quote includes all labor, equipment, and materials for a complete installation.

Work to include:

- * Excavation, Backfill and Compaction.
- * Installation Of +/- 350 LF of 6" SDR 17 HDPE Pipe
Thru 4" Concrete Host Pipe Via The Pipe Bursting Method.
- * Included is 1 EA Side Sewer Reconnection (if required)
- * Main Line Reconnection & Additional Cleanout Off Main
- * Import & Export Materials.
- * Restoration.

Mobilization	\$5,000.00
Pipe Burst 4" Concrete with 6" HDPE	\$21,975.00
Connections	\$1,500.00
Restoration & Asphalt Paving	\$5,000.00
	\$33,475.00

Exclusions:

- * Permits, and Surveying.
- * Performance Bond (if required add 2.5%)

Thank you for this opportunity to quote on this project and please feel free to call if you have any questions.

Sincerely,

Dan E Buno

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JOE THOMPSON
Excavation Supervisor

CAMERA

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Roto Ratter

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labor*

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THE WHEELS ARE ALWAYS TURNING

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