

CITY OF COOS BAY CITY COUNCIL
Agenda Staff Report

MEETING DATE	AGENDA ITEM NUMBER
July 1, 2014	

TO: Mayor Shoji and City Councilors

FROM: Jim Hossley, Public Works Director *JH*

THROUGH: Rodger Craddock, City Manager *PEC*

ISSUE: After the Fact Emergency Sewer Project at N 4th Street between Highland Avenue and Market Avenue

BACKGROUND:

A sinkhole was reported near the manhole at the intersection of N. 4th Street and Market Avenue. City Staff performed dye testing and an investigation of the sanitary sewer main line. Upon completion of the dye testing and televised investigation it was observed that several sections of pipe are missing associated with the section along N. 4th Street between Market Avenue and Highland Avenue. There are also portions of this segment of pipe along N. 4th Street that was intact but numerous large visible cracks were observed. The sanitary sewer mainline along N. 4th Street was installed in 1905 and is a 10-inch clay pipe.

Shortly after the first sinkhole was observed, another sinkhole appeared along N. 4th Street. While on site investigating this sinkhole another sinkhole was discovered at the intersection of Highland Avenue and N. 4th Street. It is unknown when and if another sinkhole will occur or if the existing three sinkholes will become larger. However, with the recent appearance of the newer sinkholes, a conclusion can be made that material is moving below the surface and does not appear safe or stable.

Based on Section 11 (titled Emergency Contracts) of the City's Purchasing Rules, the Director may declare an emergency with the price under \$50,000 and provide findings, which are described below, to make a prompt execution of the contract. Quotes and Bids are not required; however, the Engineering Department expedited an RFQ to obtain three quotes to attempt to obtain a competitive price to repair this emergency situation.

For the city to expedite the repair, the city's contract rules, Ordinance No. 365, does allow for a contracting method that is different than the normal approach. For projects under \$50,000, Section 11, (a) of the contracting rules applies and is provided below:

Section 11. Emergency Contracts.

(a) Emergency Contracts Under \$50,000. The Board may let public contracts without competitive procurement if an emergency exists. For the purposes of this rule, an emergency consists of circumstances creating an unforeseen and substantial risk of loss or damage to property, a significant interruption of governmental services or a threat to public health or safety which requires prompt execution of a contract to remedy the condition.

(1) The Director may declare an emergency, which shall authorize the City to enter into an emergency contract with a price under \$50,000. The Director must make written findings describing the emergency conditions necessitating prompt execution of the contract.

(2) Any contract awarded under this exemption shall be awarded within 60 days following declaration of the emergency unless an extension is granted by the Board.

In accordance with (a) (1) above, the findings describing the emergency conditions necessitating the prompt execution of the contract are as follows:

Sinkholes can not only affect the public sewer line, but may also affect private laterals and adjacent utilities (gas, power, fiber optics, storm etc.). Additionally, the larger a sinkhole the more damage it can potentially cause and thus can be more costly to repair. Furthermore, the sewer is not being safely conveyed to the downstream system. The raw sewage has the potential to contaminate the soil around the pipe due to the missing sections and cause further sinkholes and damage to the street, adjacent sewer laterals and adjacent utilities. Broken sewer pipes can release dangerous amounts of potentially harmful bacteria and it can release dangerous gases. Sewer gas can find its way through cracks in the road, sidewalks and yards (gopher holes etc.). All of these situations have the potential to affect public health. To ensure no further damages occur and to protect public health the main sewer line along N. 4th Street must be replaced from Highland Avenue to Market Avenue as soon as possible.

ADVANTAGES:

Awarding a contract through the City's emergency procurement process will allow the City to meet the time constraints in place that require repairs be made as soon as possible. The timely repair will minimize further damage to the adjacent businesses and property, and potentially prevent any further damage from occurring to this section of N. 4th Street and thus prevent the city from incurring additional repair costs.

DISADVANTAGES:

Staff sees no disadvantages.

BUDGET IMPLICATIONS:

City Staff prepared an expedited request for quote and sent it to three contractors. Along with the quotes, Staff requested that the work be completed by June 30. Two quotes were received; however, only one of the quotes could meet the deadline:

Contractor	Quote	Est. Completion Date
Benny Hempstead Excavating Inc.	\$39,790	June 30, 2014
Johnson Rock Products	\$37,685	July 11, 2014

Due to the emergency nature of the project, it was determined to award the quote to Benny Hempstead Excavating Inc. because they could expedite the project and complete it in a timely manner to ensure public safety and minimize any further damage.

The contract is for an amount of \$39,790. However, a contingency in the amount of \$10,000 (approximately 25%) is being requested due to the unknowns of this project. There is a potential, due to the age of the system, that the manholes are constructed of brick. Upon investigation, they appear to be concrete, but it is possible that they are just lined with concrete. If they are brick

manholes, it may be difficult to get a clean core for the pipe replacement and a core may impact the manhole's structural integrity. Additionally, for the purposes of the scope, a standard width trench was itemized in the quantities. However due to the depth of the trench and the unknown condition of the soils along with the poor condition of the street, sluffing of the trench is a possibility which will increase the restoration costs (aggregate and asphalt quantities). The source of funds for this contract is the Wastewater Expenditures Fund, Collection Systems/Sanitary Department, and Wastewater Emergency Repairs (29-810-530-3010).

RELATED CITY GOAL:

Infrastructure and Services: To maintain and improve the City's physical infrastructure and provide quality services for current and future citizens.

ACTION REQUESTED:

If it pleases the Council, approve the award of the emergency contract (after the fact) for the sanitary sewer replacement on N 4th Street between Highland Avenue and Market Avenue to Benny Hempstead Excavating Inc. for an amount not to exceed, without Council approval, \$49,790 pursuant to the Emergency Contract rules found in Section 11 of City of Coos Bay Ordinance O-365.

ATTACHMENT:

Bid tabs

N 4th Street Sanitary Sewer Repair				Benny Hempstead		Johnson Rock Products	
Item	Description	Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost
1	Construction Facility & Temporary Controls (Traffic Control)	ALL	LS	\$1,850	\$1,850	\$2,690	\$2,690
2	Demolition & Site Preparation/Restoration	ALL	LS	\$1,700	\$1,700	\$2,535	\$2,535
3	Remove & Replace AC Pavement	700	SF	\$5	\$3,500	\$6	\$4,200
4	Remove & Replace Concrete Pavement	925	SF	\$4	\$3,700	\$6	\$5,550
5	10-inch Sanitary Sewer - Class "B" Backfill	190	LF	\$144	\$27,360	\$114	\$21,660
6	6-inch Sanitary Sewer – Class "B" Backfill	3	LF	\$560	\$1,680	\$350	\$1,050
Total (Not to Exceed)					39,790		\$37,685

Request for Quote –Emergency Sanitary Sewer Repair N 4th Street & Market Avenue
 June 13, 2014

NOTES:

1. The successful bidder will be required to enter into a contract with the City of Coos Bay and meet the City's Level 3 Insurance Requirements (see attached for sample contract).
2. The contractor is required to supply all construction equipment and material, safety equipment, and personnel to ensure that the project is done in a safe manner, conforming to all local, state, and federal regulations.
3. Contractor is required to provide erosion control measure to prevent silt and other materials from entering the public storm drain system.
4. The contractor is required to activate the One Call Notification system (811) prior to digging.
5. Reference attached details & specifications, Oregon Standard Specifications (2008 or newer) and APWA (2002 or newer)
6. Contractor will be responsible to obtain a City permit for the project which all fees associated with the permit will be waived.
7. Contractor will be responsible to obtain a performance bond for the entire amount of the project.


All of the prices listed below are to be included in the Total Contract Price. Please see attached specifications measurement and payment for more details

4 th Street Sanitary Sewer Repair					
Item	Description	Quantity	Unit	Unit Cost	Total Cost
1	Construction Facility & Temporary Controls (Traffic Control)	ALL	LS	1,850 ⁰⁰	1,850 ⁰⁰
2	Demolition & Site Preparation/Restoration	ALL	LS	1,700 ⁰⁰	1,700 ⁰⁰
3	Remove & Replace AC Pavement	700	SF	5 ⁰⁰	3,500 ⁰⁰
4	Remove & Replace Concrete Pavement	925	SF	4 ⁰⁰	3,700 ⁰⁰
5	8-inch Sanitary Sewer - Class "B" Backfill	190	LF	144 ⁰⁰	27,360 ⁰⁰
6	6-inch Sanitary Sewer – Class "B" Backfill	3	LF	560 ⁰⁰	1,680 ⁰⁰
Total (Not to Exceed)					39,790⁰⁰

Total price shall include all labor, subcontractor fees, products, services, tools, equipment and tools, rental fees, handling costs, profit, bonding costs, site access preparation, environmental protection and control costs, removal of debris, waste and rubble, excavation, shoring, backfilling dewatering, bypass pumping, and other work area requirements, cleanup and restoration of site, and all other overhead related charges and incidental necessary for the total completion of the Work.

Anticipated Project Start Date 6/26/14 Projected Project Duration 6/30/14

Quote Amount: \$39,790⁰⁰ Firm/Contractor: BENNY HEMPSTEAD EXCAVATING, INC.

Signature of Bidder: 

Date: JUNE 17, 2014

Request for Quote –Emergency Sanitary Sewer Repair N 4th Street & Market Avenue
 June 13, 2014

NOTES:

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2. The contractor is required to supply all construction equipment and material, safety equipment, and personnel to ensure that the project is done in a safe manner, conforming to all local, state, and federal regulations.
3. Contractor is required to provide erosion control measure to prevent silt and other materials from entering the public storm drain system.
4. The contractor is required to activate the One Call Notification system (811) prior to digging.
5. Reference attached details & specifications, Oregon Standard Specifications (2008 or newer) and APWA (2002 or newer)
6. Contractor will be responsible to obtain a City permit for the project which all fees associated with the permit will be waived.
7. Contractor will be responsible to obtain a performance bond for the entire amount of the project.

All of the prices listed below are to be included in the Total Contract Price. Please see attached specifications measurement and payment for more details

4 th Street Sanitary Sewer Repair					
Item	Description	Quantity	Unit	Unit Cost	Total Cost
1	Construction Facility & Temporary Controls (Traffic Control)	ALL	LS	2690 ⁰⁰	2690 ⁰⁰
2	Demolition & Site Preparation/Restoration	ALL	LS	2535 ⁰⁰	2535 ⁰⁰
3	Remove & Replace AC Pavement	700	SF	6 ⁰⁰	4200 ⁰⁰
4	Remove & Replace Concrete Pavement	925	SF	6 ⁰⁰	5550 ⁰⁰
5	10 8-Inch Sanitary Sewer - Class "B" Backfill	190	LF	114 ⁰⁰	21,660 ⁰⁰
6	6-Inch Sanitary Sewer – Class "B" Backfill	3	LF	350 ⁰⁰	1,050 ⁰⁰
Total (Not to Exceed)					37,685⁰⁰

Total price shall include all labor, subcontractor fees, products, services, tools, equipment and tools, rental fees, handling costs, profit, bonding costs, site access preparation, environmental protection and control costs, removal of debris, waste and rubble, excavation, shoring, backfilling dewatering, bypass pumping, and other work area requirements, cleanup and restoration of site, and all other overhead related charges and incidental necessary for the total completion of the Work.

Anticipated Project Start Date 7/7/14 Projected Project Duration 7/11/14

Quote Amount: \$37,685⁰⁰ Firm/Contractor: Johnson Rock Products

Signature of Bidder: [Signature] Date: 6/17/14