ACTION FORM
BRYAN CITY COUNCIL

DATE OF COUNCIL MEETING:	June 11, 2013	**DATE SUBMITTED:**	April 29, 2013
DEPARTMENT OF ORIGIN:	Water Services	**SUBMITTED BY:**	J. Barfknecht

MEETING TYPE:	CLASSIFICATION:	ORDINANCE:	STRATEGIC INITIATIVE:
☐ BCD	☐ PUBLIC HEARING	☐ 1ST READING	☐ PUBLIC SAFETY
☐ SPECIAL	☐ CONSENT	☐ 2ND READING	☐ SERVICE
☒ REGULAR	☒ STATUTORY		☐ ECONOMIC DEVELOP.
☐ WORKSHOP	☐ REGULAR		☒ INFRASTRUCTURE
			☒ QUALITY OF LIFE

AGENDA ITEM DESCRIPTION: Consider approving a construction contract to Dudley Construction Ltd. to construct the 2012 Miscellaneous Collection Line Rehabilitations for a not to exceed amount of $391,159.00.

SUMMARY STATEMENT: The Water Services Department respectfully requests that the City Council approve the construction contract to Dudley Construction, Ltd to construct the 2012 Miscellaneous Collection Line Rehabilitation contract. This contract consists of collection lines located in five different locations. The locations include the following:

Location 1: Bonham Dr between Bethany Dr and Kerry Ln (SMD 2) (maintenance issue and I&I problem)

Location 2: Indiana Ave, Louisiana Ave, and Missouri Ave in north Bryan (SMD 2) (TCEQ SSO Projects)

Location 3: Memorial Drive (SMD 3) (maintenance issue and I&I problem)

Location 4: Villa Maria road crossing providing service to Shipwreck and Shipley Donuts (maintenance issue)

Location 5: Glenn Oaks Drive between Carter Creek Parkway and Briar Cliff Dr (maintenance issue)

This contract is primarily a pipe bursting contact to replace approximately 4,700 linear feet of existing sewer pipe within 90 working days. Pipe bursting is a type of pipe replacement where the existing pipe is used as a guide for the new pipe. The process does not require excavation to install the pipe except for the start/stopping points and the location of the services. All of the locations, except for Location 4, are located in the back of residential properties. The pipe bursting method was selected to minimize cost and impact to the properties and residents.

This contract was developed as a template to be utilized on other sewer rehabilitations best facilitated by pipe bursting in the future. The specifications were updated so they can be seamlessly applied to other contracts. For the City of Bryan to continue making progress in the replacement of aging sewer pipe, these types of annual projects are necessary when replacing infrastructure in areas difficult to access. This type of contract will be used to replace pipe required by the TCEQ Sanitary Sewer Overflow Initiative (SSOI) agreement.

On April 25, 2013, five bids were received ranging from $391,159.00 to $505.457.00. Water Services budgeted $400,000.00 in FY13 for this contract. Staff recommends awarding this contract to Dudley Construction, Ltd.

STAFF ANALYSIS AND RECOMMENDATION:

A. PROS: This contract will improve the pipe condition in the service areas, improve the service to the properties, reduce the amount of I&I entering the system, and reduce the amount of time staff spends on maintaining this infrastructure.

B. CONS: Approving this construction contract results in the expenditure of public funds from the sewer operating budget. This contract will necessitate some inconvenience for the property owners when the service connections are reconnected to the new sewer main.

OPTIONS (In Suggested Order of Staff Preference): 1. Approve the contract as proposed 2. Approve the contract to a different vendor 3. Do not approve the contract and provide direction to staff
ATTACHMENTS: Bid Tabulation
FUNDING SOURCE: Sewer Operating Funds
APPROVALS: Jayson E. Barfknecht 04/29/13
APPROVED FOR SUBMITTAL: CITY MANAGER Kean Register 05/03/2013
APPROVED FOR SUBMITTAL: CITY ATTORNEY Janis K. Hampton, 05/06/2013

Revised 04/2013

City of Bryan - Purchasing Department
Bid Tabulation for #RFB #13-037
2012 MISCELLANEOUS COLLECTION LINE REHABILITATIONS
4/25/2013

CITY OF BRYAN

All bids submitted are reflected on this bid tab sheet. However, the listing of a bid should not be construed as any indication that the City accepts such bid as responsive. The City will notify the successful bidder upon award of contract.

	R.M. Dudley Construction Co.	Horseshoe Construction	J T Utility Construction	ARK Contracting Svcs LLC	PM Construction & Rehab
# of Copies (1 complete original)	Y	Y	Y	Y	Y
Executed 5% Bidder's Bond (Y/N)	Y	Y	Y	Y	Y
Certification from bid package (Y/N)	Y	Y	Y	Y	Y
Acknowledged Addendum #1 (Y/N)	Y	Y	Y	Y	Y
Franchise Tax Certificate (Y/N)	Y	Y	Y	Y	Y
Felony Conviction Notification (Y/N)	Y	Y	Y	Y	Y
Bidder's Qualifications (Y/N)	Y	Y	Y	Y	Y
Prompt Payment Discount:	N	N	N	N	N
References (Y/N)	Y	Y	Y	Y	Y

ITEM	QTY	UNIT	DESCRIPTION	BID AMOUNT	BID AMOUNT	BID AMOUNT	BID AMOUNT	BID AMOUNT
General Construction Items								
1	1	LS	Mobilization, Construction Staking, and Project Overhead	$27,900.00	$30,000.00	$9,000.00	$20,000.00	$25,000.00
2	1	LS	Traffic Control, complete and in place	$3,110.00	$2,500.00	$3,490.00	$7,500.00	$2,000.00
3	1	LS	Site Preparation, Storm Water Pollution Prevention Plan (SWPPP), Erosion Control, and Site Restoration, including but not limited to silt fencing, inlet protection, protecting trees, surface restoration, replacing all landscape items, mailboxes, signs, private pavements, etc., removed or damaged by construction, complete in place.	$4,351.00	$2,500.00	$3,680.00	$8,500.00	$1,200.00
General Construction Items Subtotal:				$35,361.00	$35,000.00	$16,170.00	$36,000.00	$28,200.00

Sanitary Sewer Improvement Items

				UNIT PRICE	EXTENDED BID AMOUNT	UNIT PRICE	EXTENDED BID AMOUNT	UNIT PRICE	EXTENDED BID AMOUNT	UNIT PRICE	EXTENDED BID AMOUNT	UNIT PRICE	EXTENDED BID AMOUNT
4	3,392	LF	Furnish & Install 6" HDPE SDR 17 Sanitary Sewer Line, via Pipe Bursting, complete and in place	$39.16	$132,830.72	$45.00	$152,640.00	$47.00	$159,424.00	$46.00	$156,032.00	$42.00	$142,464.00
5	647	LF	Furnish & Install 8" HDPE SDR 17 Sanitary Sewer Line, via Pipe Bursting, complete and in place	$40.40	$26,138.80	$45.00	$29,115.00	$49.00	$31,703.00	$49.00	$31,703.00	$45.00	$29,115.00
6	40	LF	Furnish & Install 6" PVC (ASTM D3034, SDR 26) Sanitary Sewer Line, via Open-cut with Structural Backfill, complete and in place	$62.05	$2,482.00	$95.00	$3,800.00	$125.00	$5,000.00	$70.00	$2,800.00	$55.00	$2,200.00
7	176	LF	Furnish & Install 6" PVC (ASTM D3034, SDR 26) Sanitary Sewer Line, via Open-cut with Non-Structural Backfill, complete and in place	$25.28	$4,449.28	$75.00	$13,200.00	$115.00	$20,240.00	$50.00	$8,800.00	$55.00	$9,680.00
8	113	LF	Furnish & Install 8" PVC (ASTM D3034, SDR 26) Sanitary Sewer Line, via Open-cut with Structural Backfill, complete and in place	$84.33	$9,529.29	$95.00	$10,735.00	$125.00	$14,125.00	$65.00	$7,345.00	$110.00	$12,430.00
9	293	LF	Furnish & Install 8" PVC (ASTM D2241, SDR 26) Sanitary Sewer Line, via Open-cut with Non-Structural Backfill, complete and in place	$39.95	$11,705.35	$75.00	$21,975.00	$130.00	$38,090.00	$45.00	$13,185.00	$110.00	$32,230.00
10	18	LF	Furnish & Install 8" PVC (ASTM D2241, SDR 26) Sanitary Sewer Line, via Open-cut with Structural Backfill, complete and in place	$369.79	$6,656.22	$140.00	$2,520.00	$120.00	$2,160.00	$70.00	$1,260.00	$110.00	$1,980.00
11	96	LF	Furnish & Install Sanitary Sewer Line Slip-Lining for existing 6" DIP, complete and in place	$39.78	$3,818.88	$200.00	$19,200.00	$85.00	$8,160.00	$385.00	$36,960.00	$72.00	$6,912.00
12	7	EA	Furnish & Install 4' Standard Sanitary Sewer Manhole (6'-8' Depth), Include Tie Into Existing & Proposed Sanitary Sewer Line(s), Bedding, Backfill, & Testing, complete and in place	$3,302.00	$23,114.00	$6,500.00	$45,500.00	$5,750.00	$40,250.00	$5,200.00	$36,400.00	$4,880.00	$34,160.00
13	7	VF	Furnish & Install Standard Sanitary Sewer Manhole additional vertical depth, Include Tie Into Existing & Proposed Sanitary Sewer Line(s), Bedding, Backfill, & Testing, complete and in place	$263.00	$1,841.00	$300.00	$2,100.00	$194.00	$1,358.00	$175.00	$1,225.00	$340.00	$2,380.00
14	92	EA	Furnish all labor and equipment for the reinstatement of existing sewer lateral connection of pipe bursting sewer rehabilitated lines, complete and in place.	$714.81	$65,762.52	$800.00	$73,600.00	$740.00	$68,080.00	$825.00	$75,900.00	$680.00	$62,560.00
15	4	EA	Furnish all labor and equipment for the reinstatement of existing sewer lateral connection of open-cut sewer rehabilitated lines, complete and in place.	$932.36	$3,729.44	$800.00	$3,200.00	$860.00	$3,440.00	$600.00	$2,400.00	$865.00	$3,460.00

16	175	LF	Demo, Remove & Dispose of Offsite, existing sanitary sewer main, all sizes, as shown, complete and in place	$34.81	$6,091.75	$10.00	$1,750.00	$27.00	$4,725.00	$15.00	$2,625.00	$25.00	$4,375.00
17	150	LF	Abandon, Cap, Remove Clean-outs, & Grout Fill Existing 6" Sanitary Sewer Line, complete and in place	$24.86	$3,729.00	$15.00	$2,250.00	$20.00	$3,000.00	$25.00	$3,750.00	$35.00	$5,250.00
18	4,679	LF	Furnish all labor and equipment to clean and CCTV existing sanitary sewer lines prior to pipe rehabilitation, complete and in place.	$3.75	$17,546.25	$3.00	$14,037.00	$2.80	$13,101.20	$5.00	$23,395.00	$3.25	$15,206.75
19	4,679	LF	Furnish all labor and equipment to clean and CCTV new sanitary sewer lines after pipe rehabilitation has been completed, complete and in place.	$2.50	$11,697.50	$2.50	$11,697.50	$1.30	$6,082.70	$3.00	$14,037.00	$2.25	$10,527.75
20	200	LF	Furnish and install point repairs, where required, such as dropped joints, intruding service connections, collapsed pipe, sags in main or any other obstructions prior to the pipe bursting, complete and in place.	$38.00	$7,600.00	$80.00	$16,000.00	$10.00	$2,000.00	$110.00	$22,000.00	$37.00	$7,400.00
21	200	LF	Furnish and install sag corrections, where required, prior to the pipe bursting, complete and in place.	$38.00	$7,600.00	$80.00	$16,000.00	$10.00	$2,000.00	$95.00	$19,000.00	$37.00	$7,400.00
22	1	LS	Trench Safety, complete and in place	$6,200.00	$6,200.00	$2,500.00	$2,500.00	$1,000.00	$1,000.00	$8,200.00	$8,200.00	$2,000.00	$2,000.00
Sanitary Sewer Improvement Items Subtotal:				$352,522.00		$441,819.50		$423,938.90		$467,017.00		$391,730.50	
Street Items													
23	20	SY	Neatly saw cut, remove, disposed of off-site, and repair existing asphalt street, minimum 6" thick HMAC, including associated concrete curb & gutter, complete and in place	$93.00	$1,860.00	$150.00	$3,000.00	$127.00	$2,540.00	$65.00	$1,300.00	$150.00	$3,000.00
24	12	SY	Neatly saw cut, remove, disposed of off-site, and repair existing concrete street, minimum 6" thick, including associated concrete curb & gutter, complete and in place	$118.00	$1,416.00	$180.00	$2,160.00	$300.00	$3,600.00	$95.00	$1,140.00	$150.00	$1,800.00
Street Items Subtotal:				$3,276.00		$5,160.00		$6,140.00		$2,440.00		$4,800.00	
Subtotal of Bid Items (General + Sanitary Sewer + Street):				$391,159.00		$481,979.50		$446,248.90		$505,457.00		$424,730.50	
TOTAL BID AMOUNT:				**$391,159.00**		**$481,979.50**		**$446,248.90**		**$505,457.00**		**$424,730.50**	
Number of Workings Days				**90**		**90**		**90**		**90**		**90**	