

Staff Report

for the Special Administrative Practices Committee Meeting of March 16, 2020

TO: Administrative Practices Committee

FROM: Jacqueline Longshore, Maintenance Manager 

DATE: March 13, 2020

SUBJECT: Materials Purchase for Lidster Avenue and Cypress Hill Unit 1 Pipeline Replacement Project (FATR #2071)

MAINTENANCE

RECOMMENDATION:

Approve the purchase of materials for construction of the Lidster Avenue and Cypress Hill Unit 1 Pipeline Replacement Project (FATR #2071) in the amount of \$161,993.77, and authorize the General Manager to execute the necessary documents.

BACKGROUND:

As part of the Nevada Irrigation District (NID or District) efforts to maintain a high standard of water quality and reliability, the District implements the Pipeline Replacement Program to replace aged and deteriorated water distribution infrastructure identified as causing frequent interruptions to water service of District customers. The Lidster and Cypress Hill area have been identified as the Program project area for 2020 because of the frequency of leaks and maintenance issues.

The Lidster Avenue and Cypress Hill Unit 1 Pipeline Replacement Project includes the installation of 4,900 feet of water main, service lines (from the main to the meters), fire hydrant laterals and new dry barrel hydrants by NID crews. The work area includes portions of Lidster Avenue, Cypress Hill Drive, Arcadia Drive, Arden Court, Huntington Court, Barby Drive and Hughes Road in Grass Valley, California. See attached Map of General Project Area. Project construction is planned to begin in April 2020 with anticipated completion in September 2020.

A Request for Quotation (RFQ) was developed and sent to suppliers for a quotation on project construction materials necessary to complete the project. Three quotations were received with prices guaranteed through March 20, 2020,

and delivery estimates of 4-6 weeks upon placement of order. See attached Quote Summary.

Staff reviewed the quotations for accuracy and is making the recommendation to approve the purchase of materials from the supplier quoting the lowest price, thereby recommending the purchase of materials from the following suppliers in the amount of:

<u>VENDOR</u>	<u>AMOUNT</u>
ICONIX	\$ 42,163.11
PACE	\$ 58,233.04
R&B	\$ 61,597.62
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TOTAL =	\$ 161,993.77

This item is in alignment with Goal Numbers 1 and 4 of the District's Strategic Plan, through proactive management of physical and financial resources using proven practices that enhance efficiency and reliability.

BUDGETARY IMPACT:

The funds for this purchase will come from the Treated Water Pipeline Replacement Program Account (10151-52907) with a current available balance of \$1,187,419. This materials purchase amount is \$161,994. If approved, the balance remaining in the Treated Water Pipeline Replacement Program Account (10151-52907) will be \$1,025,425.

JSL

Attachments (2):

- Quote Summary
- Map of General Project Area

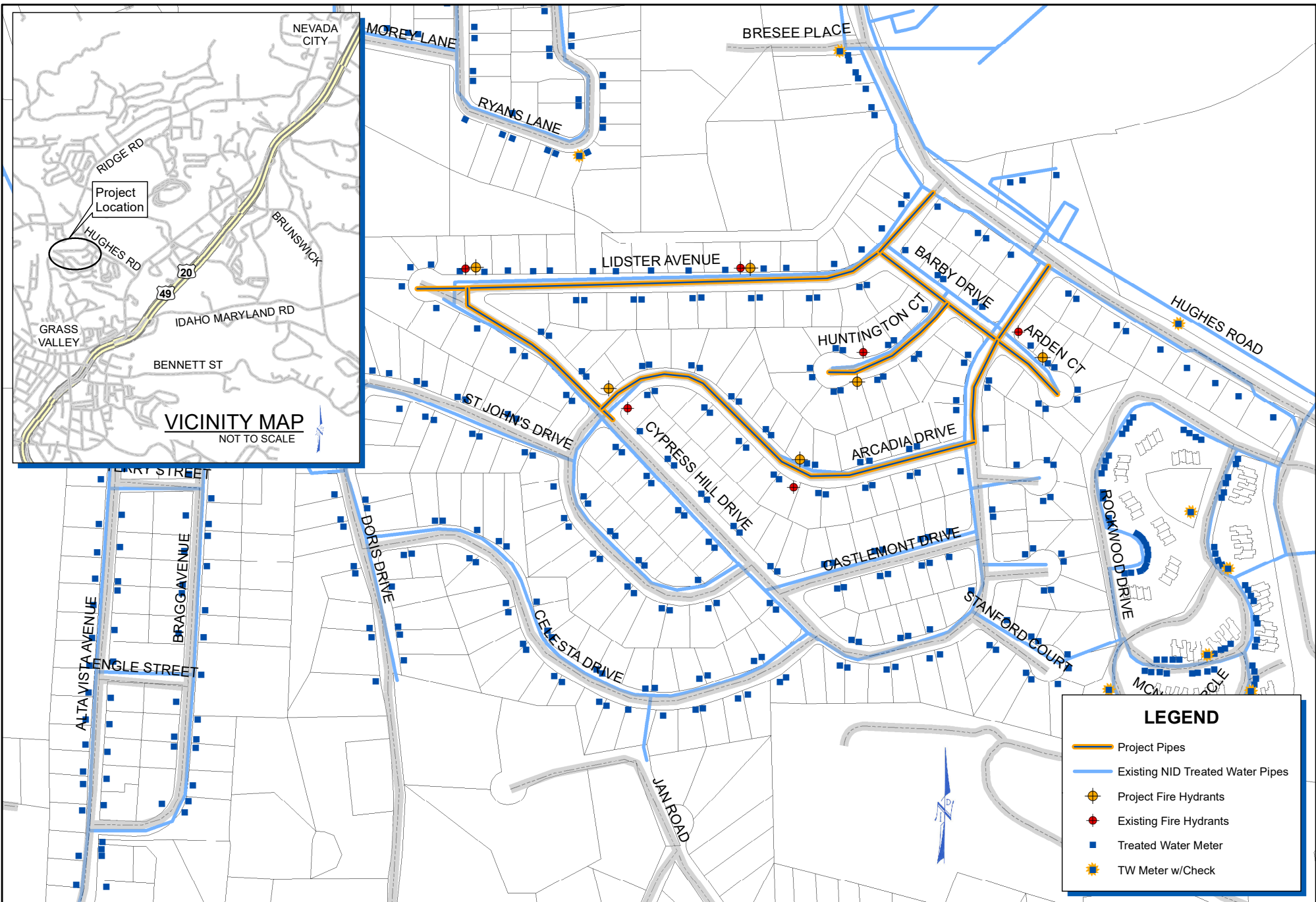
LIDSTER AVENUE AND CYPRESS HILL UNIT 1 WATERLINE REPLACEMENT

FATR 2071

QUOTE SUMMARY

ITEM	QTY	TYPE	LOW QUOTE
6" DI PIPE CL350/50 TYTON JOINT BELL and SPIGOT (5 Sticks)	100	FEET	\$ 1,475.00
8" PVC PIPE C-900 DR18 (235 PSI) NEW BELL and SPIGOT	4,700	FEET	\$ 32,007.00
4" PVC PIPE C-900 DR18 (235 PSI) NEW BELL and SPIGOT	400	FEET	\$ 796.00
#10 PVC INSULATED COPPER TRACER WIRE - BLUE 500FT ROLLS	5,000	FEET	\$ 925.00
6" MUELLER HYD AQUAGRIP A423 36" YELLOW	6	UNIT	\$ 14,520.00
8" TEE FLG 125#	7	UNIT	\$ 1,428.00
8" X 8" X 6" TEE FLG 125#	4	UNIT	\$ 718.00
8" MJ X 8" MJ X 6" FLG TEE 125#	4	UNIT	\$ 390.00
6" TEE FLG 125#	3	UNIT	\$ 373.50
8" X 8" X 8" X 8" FLG CROSS 125#	2	UNIT	\$ 509.00
8" X 4" CONCENTRIC REDUCER FLG 125#	3	UNIT	\$ 264.00
8" X 6" CONCENTRIC REDUCER FLG 125#	4	UNIT	\$ 382.00
8" GATE VALVE CI FLG 125# with 2" HUB RS (AFC, Clow or Mueller)	20	UNIT	\$ 12,560.00
8" HYMAX GRIP FCA 8.50-9.40 130-56-08216-16	20	UNIT	\$ 5,580.00
8" HYMAX FCA 8.54-9.84 874-56-08021712	4	UNIT	\$ 1,380.00
8" MJ X FLG ADAPTER 125#	12	UNIT	\$ 708.00
8" MJ MEGALUG RESTRAINT KIT (C-900) EBBA, STAR GRIP, or SIGMA	40	UNIT	\$ 1,800.00
8" 11-1/4 DEG ELBOW MJ X MJ 125#	15	UNIT	\$ 765.00
8" 22-1/2 DEG ELBOW MJ X MJ 125#	3	UNIT	\$ 169.50
8" 90 DEG ELBOW MJ X MJ 125#	2	UNIT	\$ 141.00
8" 11-1/4 DEG ELBOW FLG X FLG 125#	4	UNIT	\$ 480.00
8" 22-1/2 DEG ELBOW FLG X FLG 125#	6	UNIT	\$ 675.00
8" 45 DEG ELBOW FLG X FLG 125#	4	UNIT	\$ 460.00
6" - 8" BOLTUP SET GRADE 5 3/4" X 3-1/2"	90	UNIT	\$ 697.50
6" HYMAX FCA 6.42-7.68 874-56-06016312	4	UNIT	\$ 996.00
6" HYMAX GRIP FCA 6.50-7.20 130-56-06165-16	5	UNIT	\$ 970.00
6" GATE VALVE CI FLG 125# with 2" HUB RS (AFC, Clow or Mueller)	11	UNIT	\$ 4,422.00
4" MJ X FLG ADAPTER 125#	3	UNIT	\$ 85.50
4" MJ END CAP WITH 2" IPT 125#	3	UNIT	\$ 72.00
4" MJ MEGALUG RESTRAINT KIT (C-900) EBBA, STAR GRIP, or SIGMA	5	UNIT	\$ 133.00
6" TYLER SURE STOP 350 JOINT RESTRAINT GASKET ONLY FOR DI	4	UNIT	\$ 192.00
6" RED RUBBER FULL FACE FLANGE GASKET	100	UNIT	\$ 135.00
8" RED RUBBER FULL FACE FLANGE GASKET	100	UNIT	\$ 205.00
3/4" METER WASHERS 1/16" Thick	1,500	UNIT	\$ 120.00
3/4" RUBBER METER WASHERS 1/8" Thick	1,500	UNIT	\$ 240.00
4" SADDLE 4.50-4.80 x 1-1/2" IPT ROMAC 202S DOUBLE STRAP	10	UNIT	\$ 390.00
8" SADDLE 8.63-9.80 x 1-1/2" IPT ROMAC 202S DOUBLE STRAP	56	UNIT	\$ 3,808.00
B16 CONCRETE METER BOX - CHRISTY	28	UNIT	\$ 784.00
B24 CONCRETE DUAL METER BOX - CHRISTY	38	UNIT	\$ 1,368.00
FORD 1-1/2" FB500-6-NL BALLCORP STOP	120	UNIT	\$ 14,040.00
1-1/2" 90 DEG ELBOW BRASS NL	200	UNIT	\$ 2,280.00
1-1/2" X CLOSE NIPPLE BRASS NL	100	UNIT	\$ 380.00
FORD C86-66-IDR7-NL COUPLING 1-1/2" PE PJ X 1-1/2" MIP	180	UNIT	\$ 10,980.00
FORD #74 INSERT 1-1/2" POLY PIPE	135	UNIT	\$ 364.50
1-1/2" X 12" NIPPLE BRASS NL	65	UNIT	\$ 1,365.00
FORD U18-64-NL BRANCH 1-1/2" FIPT X 1" X 1" MIP BRASS	35	UNIT	\$ 2,223.20
FORD BA 13-444W-NL 1" BALL ANGLE METER VALVE	100	UNIT	\$ 9,100.00
FORD A-34 NL METER ADAPTER 1" (48 PAIRS / 96 TOTAL)	48	UNIT	\$ 768.00
1-1/2" X 1" BELL REDUCER BRASS NL	30	UNIT	\$ 292.50
1" X CLOSE NIPPLE BRASS NL	100	UNIT	\$ 195.00
FORD C38-23-1.625-NL 3/4" SHORT METER COUPLING NL	105	UNIT	\$ 892.50
3/4" GATE VALVE LEGEND T-408 104-704-NL	160	UNIT	\$ 2,280.00
3/4" 90 DEG ELBOW BRASS NL	300	UNIT	\$ 900.00
3/4" X 6" NIPPLE BRASS NL	200	UNIT	\$ 830.00
3/4" 45 DEG ELBOW BRASS NL	50	UNIT	\$ 147.50
3/4" X CLOSE NIPPLE BRASS NL	300	UNIT	\$ 390.00
FORD C86-33-NL COUPLING 3/4" PE PJ X 3/4" MIP BRASS	90	UNIT	\$ 1,575.00
FORD #71 INSERT 3/4" POLY PIPE	400	UNIT	\$ 560.00
FORD C66-33-NL COUPLING 3/4" X 3/4" IPS PE PJ BRASS	50	UNIT	\$ 1,000.00
FORD C66-34-NL COUPLING 3/4" X 1" IPS PE PJ BRASS	54	UNIT	\$ 1,630.80
3/4" POLY PIPE SIDR7 IPS PE 4710 250 PSI 100FT ROLLS	800	FEET	\$ 232.00
1-1/2" POLY PIPE SIDR7 IPS PE 4710 250 PSI 100FT ROLLS	1,000	FEET	\$ 860.00
#10 PVC INSULATED COPPER TRACER WIRE - BLUE	5,000	FEET	\$ 925.00
2" GATE VALVE CI FLG with 2" HUB RS (AFC, CLOW or Mueller)	10	UNIT	\$ 1,860.00
1 QUART EASE-ON PIPE LUBE 12/CASE	3	CASE	\$ 108.00
TAX	1	UNIT	\$ 12,690.77

TOTAL = \$ 161,993.77



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LEGEND

- Project Pipes
- Existing NID Treated Water Pipes
- Project Fire Hydrants
- Existing Fire Hydrants
- Treated Water Meter
- ☀
 TW Meter w/Check



NEVADA IRRIGATION DISTRICT

NEVADA COUNTY -- PLACER COUNTY
GRASS VALLEY, CALIFORNIA

LIDSTER AVE - CYPRES HILL PIPELINE REPLACEMENT

Drawn By: D. HUNT

Date: 3/13/2020

Scale: 1" = 450' @ 8-1/2x11

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