

Staff Report

for the Regular Meeting of the Board of Directors, July 26, 2017

TO: Board of Directors
FROM: Brian J. Powell, P.E., Maintenance Manager
DATE: July 19, 2017
SUBJECT: Meade Canal Encasement Project, Project No. 1071

MAINTENANCE

RECOMMENDATION: Approve the purchase of materials, including 3,500 feet of 18 inch ductile iron pipe, fittings and other miscellaneous parts for the construction of the Meade Canal Encasement Project in the amount of \$169,230.38, and authorizing the General Manager to execute the necessary documents.

BACKGROUND: The Meade Canal Encasement Project is a CABY grant that is administered through the Sierra Fund. The grant was awarded in 2016 in the amount of \$422,000 in order to encase a 3,500 ft section of the Meade Canal in Yuba County. The Meade Canal provides water to the Smartsville WTP and this section of open ditch has been a long standing problem for water quality to the treatment plant due to aquatic growth and cows that wander into the ditch.

BUDGETARY IMPACT: For this project, there is \$300,000 accounted for in the 2017 Engineering budget, of which \$169,230.38 will be spent with this purchase. NID will be reimbursed up to \$422,000 through the CABY grant for labor and material for the construction of this encasement project.

Attachments (2):

- Bid Results
- Area Map

Bid Summary for Meade Canal Encasement Project #1071

ITEM	QTY	Corix	Pace	R & B	Item Total
18" DI PIPE PRESSURE CL250 TYTON JOINT BELL AND SPIGOT (ORDER TO BE SPLIT BETWEEN VENDORS)	3,520 FT	\$37.95	\$36.81	\$36.81	\$129,571.20
18" 22-1/2 DEG EL MJ X MJ 125#	2	\$217.00	\$220.00	\$214.00	\$428.00
18" 45 DEG EL MJ X MJ 125#	3	\$264.00	\$268.00	\$261.00	\$783.00
18" 11-1/4 DEG EL MJ X MJ 125#	13	\$273.00	\$278.00	\$271.00	\$3,523.00
18" BLIND FLG CI 125#	6	\$224.00	\$227.00	\$223.00	\$1,338.00
18" BOLTUP SET PLATED GRADE 5 1-1/8" X 5"	6	\$56.00	\$43.50	\$64.00	\$261.00
18" RED RUBBER FLANGE GASKET	6	\$11.00	\$7.10	\$9.00	\$42.60
18" MJ MEGA LUG RESTRAINT KIT (DUCTILE IRON PIPE) EBBA, STAR GRIP, or SIGMA (AWWA approved)	50	\$150.00	\$147.00	\$141.00	\$7,050.00
18" OD STL PIPE 1/4" WALL BARE PE X 20FT LENGTH ("NEW STOCK" not sitting around)	20 FT	N/B	\$30.04	\$23.37	\$467.40
HYMAX TRANSITION COUPLING 18" OD STL 18.00 X DUCTILE IRON PIPE OD 19.50	2	\$1,838.00	\$1,835.00	\$1,980.00	\$3,670.00
17.10-19.20 x 19.20-21.30 Part # 561560434048816 NO SUBSTITUTE					
2" METER COMPANION FLANGE CI	16	\$14.50	\$15.00	\$15.95	\$232.00
18" MJ X 18" MJ X 18" FLG TEE 125#	6	\$1,397.00	\$1,470.00	\$1,395.00	\$8,370.00
CARSON 1324-12 GREEN METER BOX W/1324-4047 LID WITH READER "STAMPED WATER" NO SUBSTITUTE	10	\$74.00	\$160.00	\$137.00	\$740.00
4" COUPLING PVC S X S SCH40 SPEARS 429-040 NO SUBSTITUTE	12	\$2.30	\$2.70	\$2.70	\$27.60
4" MALE ADAPTER PVC SCH40 SPEARS 436-040 NO SUBSTITUTE	20	\$2.70	\$3.20	\$2.40	\$48.00
4" PVC PIPE SCH40 BELL AND SPIGOT ("NEW" no sun damage) AWARDED TO CORIX BASED ON PAST PURCHASES	200 FT	\$1.75	\$1.75	\$1.90	\$35.00
4" X 2" BUSH PVC S X S SCH40 SPEARS 437-420 NO SUBSTITUTE	12	\$3.00	\$3.55	\$3.55	\$36.00
4" 22-1/2 DEG EL MJ X MJ 125# AWARDED TO PACE AS OTHER TIE AWARDED TO CORIX	4	\$18.00	\$18.00	\$18.15	\$72.00

Sub Total	\$156,694.80
Tax	\$12,535.58
Total	\$169,230.38

