



City of Needles, California Request for Board Action

CITY COUNCIL/NPUA Board of Public Utilities Regular Special

Meeting Date: January 18, 2022

Title: Authorize Epic Engineering's to Complete the Construction Management for the L Street Booster Station Project in the amount not to exceed \$20,904 and an additional \$5,000 for design work.

Background: City staff has been working with the Colorado River Basin Regional Water Quality Control Board (Water Board) on developing a Supplemental Environmental Project (SEP) which is funded by a local discharge violation.

A SEP is an environmentally beneficial project that is included as part of a settlement for environmental violations. Violators can voluntarily agree to undertake such projects in lieu of part of the penalty that they are required to pay for the violations. All SEPs must be certain criteria to be approved.

The settlement agreement for the discharge violation amounted to \$125,000 of which the City was awarded 100% of the fine by the Water Board on March 9, 2021 to fund the design and a portion of the construction costs for the L Street Booster.

On March 23, 2021 the Board of Public Utilities authorized the design work not to exceed \$57,888. The design project is over budget by \$5,000 due to the property survey that needed to be conducted to determine the right of way of the booster station.

The City issued the bid for the project in November 2021 but did not receive any bids. The bid is being distributed January 12, 2022 and Epic will oversee the Construction Management of the project along with Lilly Hill Booster Station.

Fiscal Impact: Total project is estimated at \$400K; 32% funded by the SEP Agreement and the remainder to be reimbursed by the State Water Resource Control Board.

SM Sylvia Miledi, Finance Director

Recommended Action: Authorize Epic Engineering's to Complete the Construction Management for the L Street Booster Station Project in the amount not to exceed \$20,904 and an additional \$5,000 for design work

Submitted By: Rainie Torrance, Assistant Utility Manager

City Management Review: Rice **Date:** 1/7/22

Approved: Not Approved: Tabled: Other:

Agenda Item: 4.

Engineer's Estimate - L Street Booster Pump Station Replacement

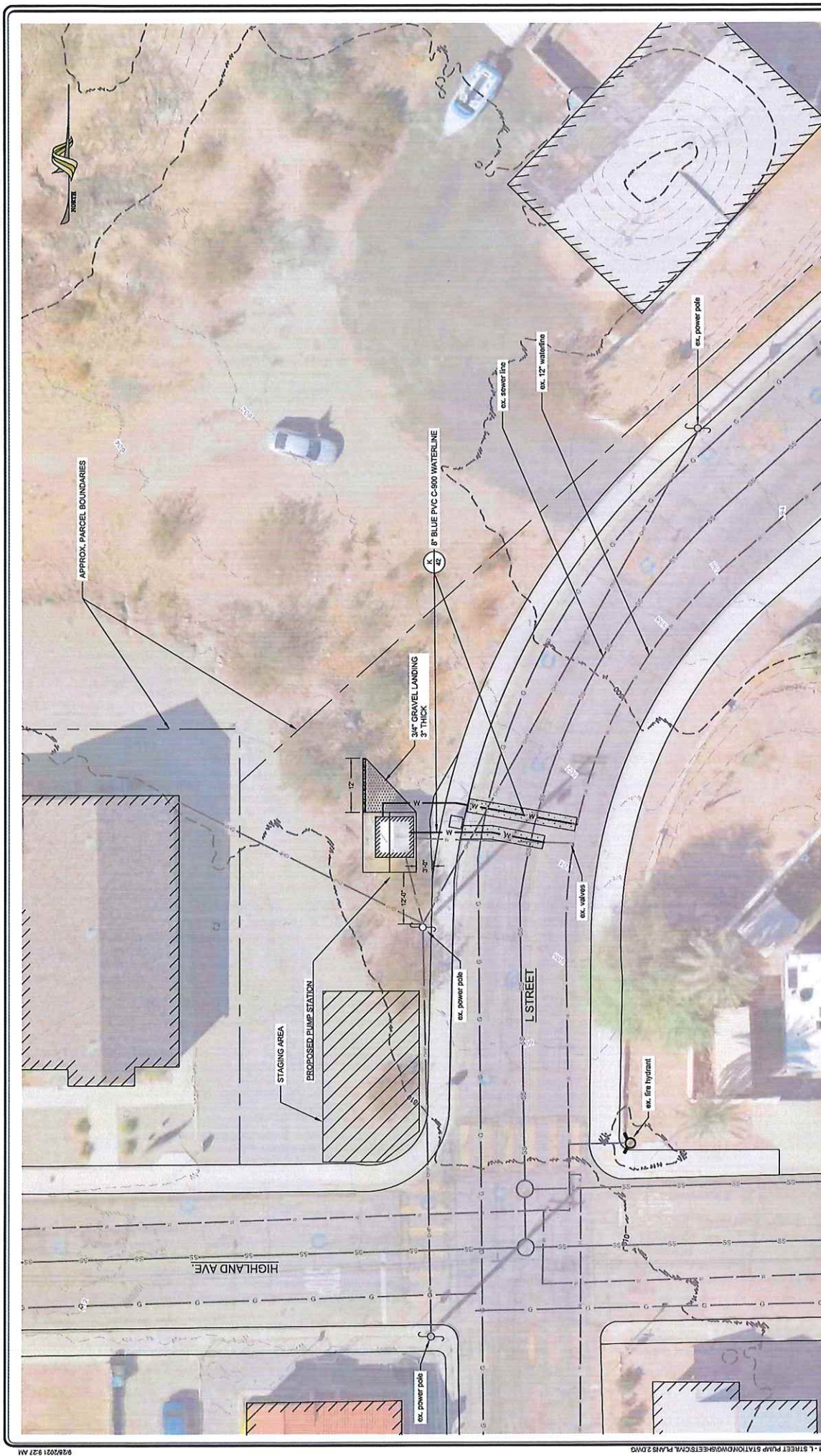
prepared by Epic Engineering as of 12/9/20

Item	Description	Quantity	Unit	Cost/Unit	Cost
SITE WORK					\$ 30,100.00
1	MOBILIZATION	1	LS	\$ 11,128.84	\$ 11,128.84
2	IMPORT ENGINEERED FILL	16	CY	\$ 20.70	\$ 331.20
3	IMPORT ROADBASE	13	CY	\$ 29.90	\$ 398.67
4	COATED CHAINLINK FENCE	180	LF	\$ 52.90	\$ 9,522.00
5	DEMO OF EXISTING BUILDING	1	LS	\$ 8,625.00	\$ 8,625.00
UTILITIES					\$ 40,900.00
6	3" ELECTRICAL CONDUIT	50	LF	\$ 20.70	\$ 1,035.00
7	12" PVC C-905 CUL. WATERLINE	100	LF	\$ 57.50	\$ 5,750.00
8	CUT IN 12" TEE	2	LS	\$ 5,980.00	\$ 11,960.00
9	12" TEE	2	EA	\$ 2,875.00	\$ 5,750.00
10	12" 90° BEND	4	EA	\$ 2,070.00	\$ 8,280.00
11	12" BFV	2	EA	\$ 4,025.00	\$ 8,050.00
INTERIOR PVF					\$ 108,900.00
12	VERTICAL TURBINE PUMP	2	EA	\$ 20,010.00	\$ 40,020.00
13	HEAT EXCHANGER (AIR HANDLER)	1	EA	\$ 9,390.73	\$ 9,390.73
14	12" x 8" FABRICATED STEEL HEADER (L=10')	1	LS	\$ 6,875.00	\$ 6,875.00
15	12" x 6" FABRICATED STEEL HEADER (L=18')	1	LS	\$ 3,750.00	\$ 3,750.00
16	6" FL 90° BEND	2	EA	\$ 562.50	\$ 1,125.00
17	10" FL 90° BEND	2	EA	\$ 750.00	\$ 1,500.00
18	12" MJ 90° BEND w/M.L.	1	EA	\$ 1,375.00	\$ 1,375.00
19	12" FL 90° BEND	1	EA	\$ 1,375.00	\$ 1,375.00
20	12" x 10" FL TEE	1	EA	\$ 2,000.00	\$ 2,000.00
21	12" x 10" FL x GE REDUCER	2	EA	\$ 2,062.50	\$ 4,125.00
22	10" FL GATE VALVE	2	EA	\$ 1,625.00	\$ 3,250.00
23	6" FL SLANTING DISC CHECK VALVE	2	EA	\$ 2,125.00	\$ 4,250.00
24	12" FL MAG METER	1	EA	\$ 10,625.00	\$ 10,625.00
25	2" COMBINATION AIR VAC VALVE	1	EA	\$ 1,250.00	\$ 1,250.00
26	6" GE SPOOL	2	EA	\$ 287.50	\$ 575.00
27	6" FL SPOOL	2	EA	\$ 287.50	\$ 575.00
28	8" FL SPOOL	2	EA	\$ 661.25	\$ 1,322.50
29	12" FL x GE SPOOL	2	EA	\$ 805.00	\$ 1,610.00
30	6" FL x GE ADAPTER	5	EA	\$ 460.00	\$ 2,300.00
31	10" FL x GE ADAPTER	5	EA	\$ 632.50	\$ 3,162.50
32	12" MJ LONG SLEEVE w/M.L.	3	EA	\$ 1,250.00	\$ 3,750.00
33	PRESSURE GAUGE TREE	3	LS	\$ 1,265.00	\$ 3,795.00
34	PIPE SUPPORTS (FLOOR)	3	EA	\$ 287.50	\$ 862.50

STRUCTURAL/ ARCHITECTURAL					\$ 53,900.00	
35	RAIN GUTTERS	40	LF	\$ 17.25	\$	690.00
36	DOUBLE DOOR 6'-4" X 7'-0"	1	EA	\$ 4,600.00	\$	4,600.00
37	ASPHALT ROOFING	300	SF	\$ 6.61	\$	1,983.75
38	FIRE EXTINGUISHER	1	EA	\$ 230.00	\$	230.00
39	SIGNAGE	1	LS	\$ 2,000.00	\$	2,000.00
40	CONCRETE MASONRY	600	SF	\$ 22.50	\$	13,500.00
41	PAINTING/COATINGS	1	LS	\$ 8,041.95	\$	8,041.95
42	CONCRETE FOOTING/FOUNDATION	10	CY	\$ 575.00	\$	5,750.00
43	CONCRETE FLOOR SLAB	3	CY	\$ 575.00	\$	1,725.00
44	SKYLIGHTS	2	EA	\$ 2,990.00	\$	5,980.00
45	WOOD FRAMED ROOF	216	SF	\$ 23.00	\$	4,968.00
46	EXTERIOR SOFFIT	80	SF	\$ 11.50	\$	920.00
47	INTERIOR GYPSUM BOARD	840	SF	\$ 2.01	\$	1,690.50
48	SOUND BOARD	600	SF	\$ 2.88	\$	1,725.00
SUBTOTAL =					\$	233,800.00
ELECTRICAL					\$ 58,500.00	
49	ELECTRICAL (25%)	1	L.S.	\$ 58,500.00	\$	58,500.00
SUBTOTAL =					\$	292,300.00
50	CONTINGENCY (10%)	1	L.S.	\$ 29,300.00	\$	29,300.00
TOTAL					\$	321,600.00

ENGINEERING & MANAGEMENT						
1	ENGINEERING DESIGN (18%)	1	LS	\$ 57,888.00	\$	57,888.00
2	CONSTRUCTION MANAGEMENT SERVICES (7%)	1	LS	\$ 20,904.00	\$	20,904.00
SUBTOTAL =					\$	78,792.00

GRAND TOTAL					\$	400,392.00
GRAND TOTAL ROUNDED					\$	400,400.00



PROJECT #	2102081
DATE	10/20/2021
DESIGNER, ARCH	SA
REQUIREMENTS	24-COR, 1" = 20'
PROJECT NO.	2102081
DATE	10/20/2021
SCALE	1" = 20'
PROJECT NO.	2102081
DATE	10/20/2021
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PROJECT NAME
L STREET PUMP STATION

PROJECT LOCATION
NEEDLES, CALIFORNIA

817 THIRD STREET
 NEEDLES, CA 92363
 (760) 326-2173

NO	DATE	REV. BY	REVISION	ISSUE

3411 SOUTH 4000 WEST
 WEST VALLEY CITY, UT 84103
 (801) 955-6602

50 EAST 100 SOUTH
 HEBER CITY, UT 84022
 (435) 654-6000