

COUNCIL AGENDA: JANUARY 15, 2013

SUBJECT: AUTHORIZATION TO ADVERTISE FOR BIDS – VETERAN'S PARK BOOSTER PUMP PROJECT - ADDITIONS OF PUMPS #2 & #3

SOURCE: Public Works Department - Engineering Division

COMMENT: Plans and Project Manual have been prepared for the Veteran's Park Booster Pump Project by the City's consultant, Dee Jaspar and Associates. The project consists of installing above ground 12" water main, booster pumps, electrical equipment, SCADA integration and related appurtenances. The booster pump plant is located on the east side of Newcomb Street, north of Morton Avenue within Veteran's Park. The purpose of the booster pump station is to draw water from our more prominent water source within the West Pressure Zone and pump it to the Central Pressure Zone where the City's storage facilities are located. The addition of Pump #2 and Pump #3 will increase capacity and redundancy to the pumping plant.

The Plans and Project Manual have been completed and are available in the La Barca Conference Room for Council's review.

The estimated probable cost for the base bid is \$197,637 with an additional \$19,764 required for the construction contingency (10%). An additional \$37,000 is required for construction management, quality control and inspection. The total estimated project cost is \$254,401. An Estimate of Probable Cost is attached for Council's review.

Initially the Water Replacement Fund will finance the project as approved in the 2012/2013 Annual Budget. These funds will be reimbursed via the City's CIEDB Loan.

RECOMMENDATION: That City Council:

1. Approve staff's recommended plans and project manual; and
2. Authorize staff to advertise for bids on the project.

ATTACHMENTS: Estimate of Probable Cost
Locator Map

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Dir ESL Appropriated/Funded MB CM J

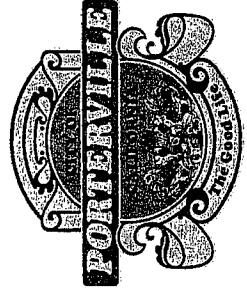
Item No. 2

VETERAN'S PARK BOOSTER PUMP PROJECT

PROJECT NO. 89-9798

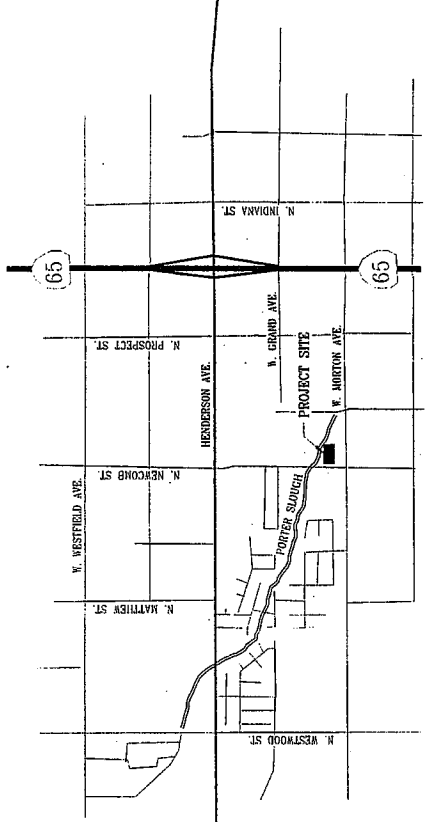
SUBJECT INDEX

CITY & VICINITY MAP	SHEET 1
SITE PLAN	SHEET 2
ASSEMBLY	SHEET 3
EXHAUST	SHEET 4
ELECTRICAL - SINGLE LINE & ELEVATION	SHEET 5
ELECTRICAL - CONTROL DIAGRAM	SHEET 6
ELECTRICAL - DETAILS	SHEET 7
TOTAL	10 SHEETS

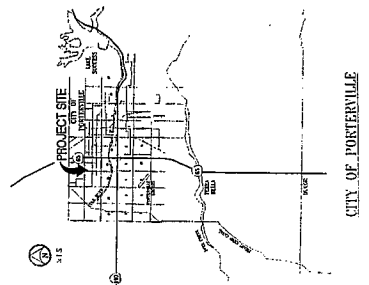
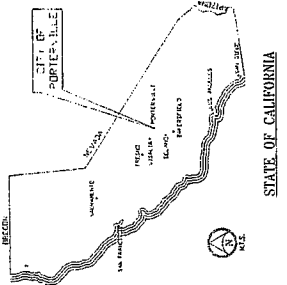


DESIGNED BY JERRY PRAY	DATE 10-20-10
APPROVED BY CLYDE SIMONS	DATE 10-21-10
REVIEWED BY MICHAEL E. WOOD, P.E.	DATE 10-21-10
APPROVED BY VALDOMIRO E. RODRIGUEZ DIRECTOR OF PUBLIC WORKS	DATE 10-21-10

SECTION 27.1215, R.27E., M.D.P.M.



VICINITY MAP
SCALE: NTS



CITY OF PORTERVILLE
TULARE COUNTY, CALIFORNIA

PRELIMINARY

Scale of Project: 1" = 100' (Horizontal) 1" = 10' (Vertical)



DEE JASPAR & ASSOCIATES, INC.
CONSULTING CIVIL ENGINEERS

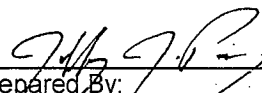
15 W. Putnam Ave., 2nd Floor
 Porterville, CA 93257
 PHONE (661) 393-4796
 FAX (661) 393-4799


October 16, 2012

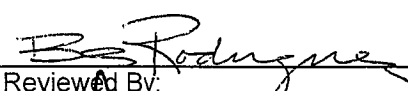
City of Porterville
Veteran's Park Booster Pump Project
Engineer's Cost Estimate

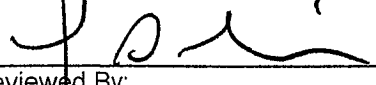
Item	Item Description	Quantity	Unit	Unit Price	Amount
1	Mobilization, Demobilization, Clean-up	1	LS	\$10,000	\$10,000
2	Earthwork (Clear and grub, fine grading)	1	LS	\$1,000	\$1,000
3	14" Fusion Bonded Epoxy Steel Piping	19	LF	\$120	\$2,280
4	12" Fusion Bonded Epoxy Steel Piping	38	LF	\$100	\$3,800
5	10" Fusion Bonded Epoxy Steel Piping	24	LF	\$90	\$2,160
6	Concrete Pump Foundations (including overexcavation)	2	EA	\$3,500	\$7,000
7	Pipe Supports	8	EA	\$550	\$4,400
8	Relocate 2" Air Release Valve	2	EA	\$300	\$600
9	10" Dresser Coupling w/ Joint Restraint	2	EA	\$750	\$1,500
10	14" Butterfly Valve	1	EA	\$3,000	\$3,000
11	12" Butterfly Valve	1	EA	\$2,500	\$2,500
12	12" Gate Valve	2	EA	\$3,000	\$6,000
13	10" Butterfly Valve	2	EA	\$2,000	\$4,000
14	10" Check Valve	2	EA	\$3,000	\$6,000
15	1,000 gpm Booster Pump and Motor	2	EA	\$12,500	\$25,000
16	3/4" Class II Aggregate Base Site Ground Cover	8	CY	\$150	\$1,200
17	Well 20 Site Fencing Modifications	94	LF	\$45	\$4,230
18	Painting System	1	LS	\$10,000	\$10,000
19	Electrical and Controls	1	LS	\$80,000	\$80,000
20	Siemens Representation at Startup	1	LS	\$5,000	\$5,000

Subtotal \$179,670
 10% Contingency \$17,967
Total \$197,637


 Prepared By: _____ Date: 10-16-12
 Jeffrey J. Pray, Dee Jaspar & Associates, Inc.


 Reviewed By: _____ Date: 1/4/2013
 Michael K. Reed, City Engineer


 Reviewed By: _____ Date: 1/7/2013
 Baldomero S. Rodriguez, Public Works Director


 Reviewed By: _____ Date: 01/08/13
 John Hollis, City Manager

