

COUNCIL AGENDA: FEBRUARY 17, 2015

SUBJECT: AUTHORIZATION TO ADVERTISE FOR BIDS - WELL NO. 32 PROJECT
(PHASE 2 – PUMPING PLANT)

SOURCE: Public Works Department - Engineering Division

COMMENT: The Plans and Project Manual have been prepared for the Well No. 32 Project (Phase 2- Pumping Plant). The well is located on the north side of Tea Pot Dome Avenue, east of the Porterville Fairgrounds. This is the **second phase** of the well project and consists of the installation of a 125 HP pump, electrical system, above ground discharge piping and other items of work necessary to provide a complete pumping plant.

The well is located on City-owned property and is part of the City's on-going municipal water well program that is consistent with City Council's adopted 2001 Water Master Plan. The new municipal water well will be an asset to the Central Pressure Zone where all the major storage facilities are located. The Plans and Project Manual are available for review in the Pete V. McCracken Conference Room for Council's Review.

The City's consultant, Dee Jaspar & Associates, has prepared an Estimate of Probable Cost and the amount is \$690,500. An additional \$69,050 is necessary for construction contingency (10%). It is anticipated that an additional \$55,240 is required for construction management, quality control, construction surveying and inspection services (8%), for a total of \$814,790.

Funding is provided by a California Infrastructure and Economic Bank (CIEDB) loan and was approved in the 2014/2015 Annual Budget. The Engineer's Estimate is attached for review.

RECOMMENDATION: That the City Council:

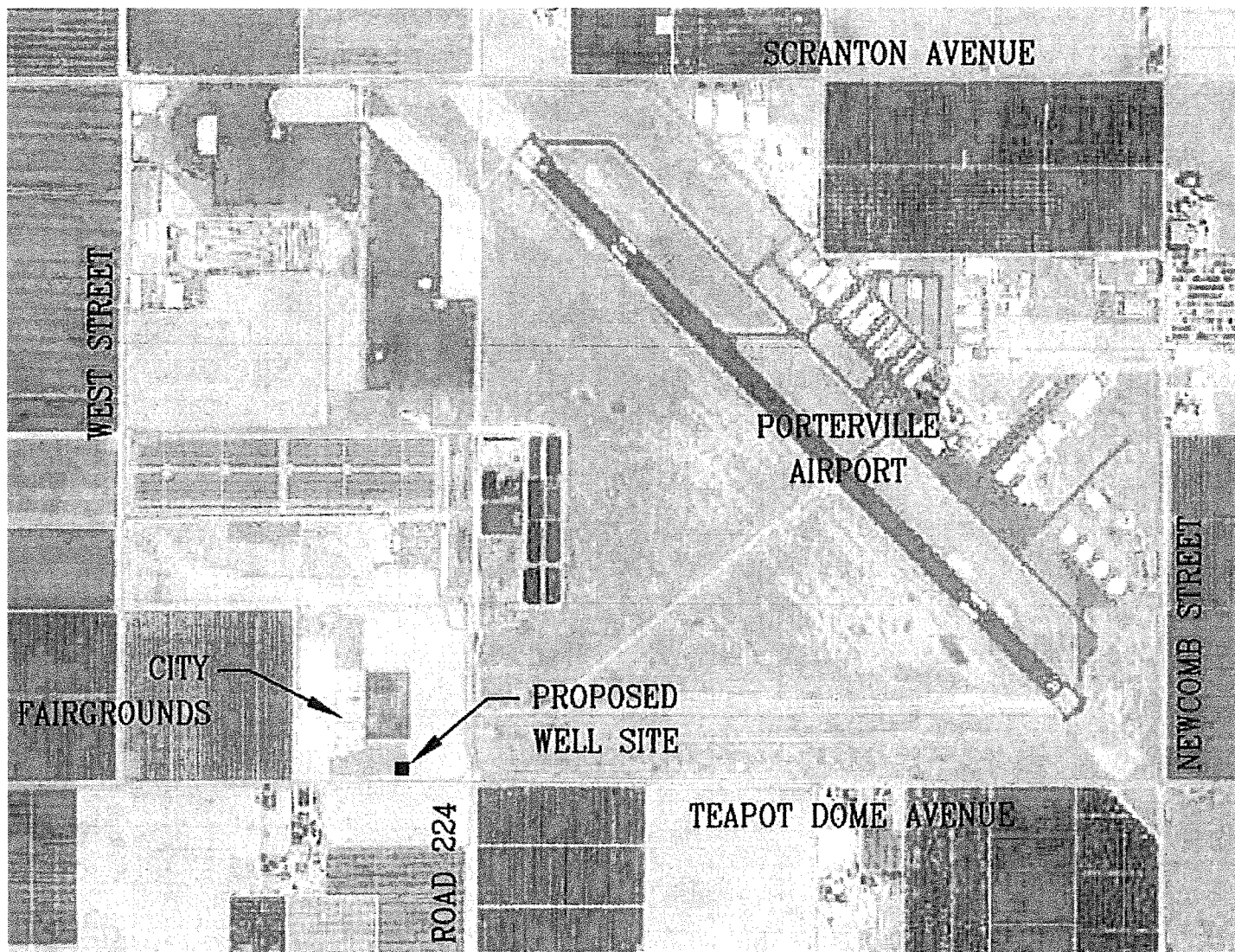
1. Approve Staff's recommended Plans and Project Manual;
2. Authorize the City Engineer to negotiate construction surveying service with one of the firms as approved by Council MO #02-100714; and
3. Authorize staff to advertise for bids on the project.

ATTACHMENTS: Locator Map
Estimate of Probable Cost

P:\pubworks\General\Council\Authorization to Advertise for Bids - Well No. 32 (Phase 2 - Pumping Plant) - 2015-02-17.doc

Dir BSL Appropriated/Funded MB CM N

Item No. 3



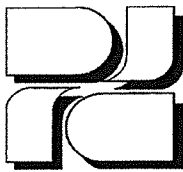
LOCATOR MAP



CITY OF PORTERVILLE ENGINEERING DIVISION

291 NORTH MAIN STREET
PORTERVILLE, CA. 93257
(559) 782-7462

CITY WELL #32
CITY OF PORTERVILLE
PROJECT NUMBER 89-9722



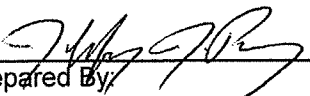
DEE JASPAR & ASSOCIATES, INC.
CONSULTING CIVIL ENGINEERS

15 W. Putnam Street, 2nd Floor
Porterville, CA 93257
PHONE (559) 791-9286
FAX (559) 783-9275


December 9, 2014

City of Porterville
Well No. 32 Facility Project
Project No. 89-9722-88
Engineer's Cost Estimate for Well Facility Construction

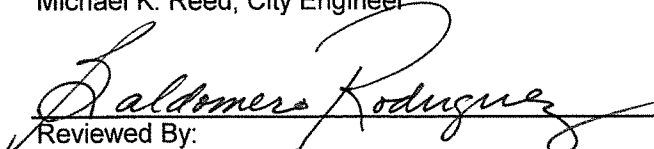
Item	Item Description	Quantity	Unit	Unit Price	Amount
1	Mobilization, Demobilization, Clean-up	1	LS	\$25,000	\$25,000
2	Earthwork	1	LS	\$40,000	\$40,000
3	Concrete Pump Foundation for Deep Well	1	LS	\$8,000	\$8,000
4	Vertical Hollow Shaft Electric Motor (125 hp)	1	LS	\$15,000	\$15,000
5	Deep Well Vertical Turbine Pump Assembly	1	LS	\$46,000	\$46,000
6	Well Discharge Piping and Appurtenances	1	LS	\$62,000	\$62,000
7	Concrete Foundation w/ VFD Building & Shade Structure	1	LS	\$40,000	\$40,000
8	3/4" Gravel Rock Site Ground Cover	1	LS	\$15,000	\$15,000
9	8' Chain Link Drive and Personnel Gates	1	LS	\$3,500	\$3,500
10	8' Block Wall and Concrete Footing	375	LF	\$120	\$45,000
11	Painting System	1	LS	\$8,000	\$8,000
12	Electrical and Controls	1	LS	\$210,000	\$210,000
13	On-Site Sodium Hypochlorite Generation System	1	LS	\$90,000	\$90,000
14	Chlorine Building w/ Concrete Foundation	1	LS	\$40,000	\$40,000
15	Site Landscaping	1	LS	\$9,000	\$9,000
16	Chain Link Fencing around Sump	300	LF	\$40	\$12,000
17	Drain Piping	400	LF	\$40	\$16,000
18	Catch Basins	4	EA	\$1,500	\$6,000
Subtotal					\$690,500
10% Contingency					\$69,050
Total Construction Cost					\$759,550

Prepared By: 
Jeffrey J. Pray, Dee Jaspar & Associates, Inc.

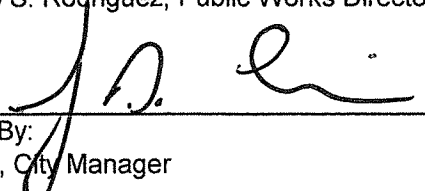
12/9/14
Date

Reviewed By: 
Michael K. Reed, City Engineer

2/6/2015
Date

Reviewed By: 
Baldomero S. Rodriguez, Public Works Director

2/10/15
Date

Reviewed By: 
John Lollis, City Manager

02/11/15
Date