

Department of Public Works

ADOPTED BY THE BOARD
PUBLIC WORKS OF THE CITY
of Los Angeles California

Bureau of Engineering
Report No. 2

OCT 30 2009

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CD No. 6


Secretary

AUTHORIZE APPROVAL OF THE PRE-QUALIFIED DESIGN-BUILD ENTITIES LIST TO DELIVER DONALD C. TILLMAN WATER RECLAMATION PLANT (DCTWRP), CAPITAL IMPROVEMENT PROJECT (CIP 6178) DCTWRP IN-PLANT STORAGE, W.O. No. SZD11232

RECOMMENDATION

Approve the recommended list of pre-qualified design-build entities to be included in the specifications/bid documents for the DCTWRP In-Plant Storage Project.

TRANSMITTAL

A copy of the Bureau of Engineering (BOE) Report No. 1, adopted on June 17, 2009, authorizing the distribution of Request for Qualifications (RFQ) to Pre-Qualify Design-Build Entities.

DISCUSSION

Background

The DCTWRP is located on a 96-acre site in the Sepulveda Flood Control Basin in Van Nuys, California. The plant provides tertiary treatment of wastewater generated in the City's service area upstream of the plant, primarily the San Fernando Valley. DCTWRP was designed to produce Title 22 reclaimed water that will meet the requirements of the California Department of Public Health and the County Health Department for specific uses. Another function of the plant is to relieve the overburdened portions of the wastewater collection system between the San Fernando Valley and the City's main wastewater treatment plant, the Hyperion Treatment Plant (HTP) in Playa Del Rey.

DCTWRP In-Plant Storage Project

As addressed in the Transmittal, the current storage volume at DCTWRP is not sufficient for storm flows. As part of the DCT Flow Equalization and Tertiary Filtration Concept Report completed in January 2008, a required wet weather storage capacity of 20 million gallons (MG) was established based on modeling of wastewater storm flows and the downstream sewer capacity. It was determined to construct an in-plant storage system consisting of lined concrete basins, associated structures and auxiliary piping to provide 15.2 MG wet weather storage capacity. Additionally, piping and valve modifications to the existing Phase II primaries and aeration tanks will provide equalization capacity for diurnal flow and wet weather storage capacity for up to 4.8 MG, giving a total storage for 20 MG.

Design-Build Project Delivery

To deliver DCTWRP In-Plant Storage Project on an accelerated schedule, the design-build project approach was selected as an alternative contracting approach to the traditional design-bid-build. One entity will perform both engineering and construction under one single contract. The selection process under design-build contracting will be a competitive bid process.

Advertising the Request for Qualifications (RFQ), Receiving Statement of Qualifications (SOQs) and Selection Process

To ensure that the City received bids from firms with design-build experience, it was decided to pre-qualify the design-build entities that would be allowed to bid the project. On June 25, 2009, an RFQ was advertised in the following websites and publications:

- The Mayor's Business Assistance Virtual Network (www.labavn.org)
- Dodge Construction News (Greensheet)
- Reed Construction Data
- Bid America
- eBidBoard

Two pre-submittal meetings were conducted for prospective design-build entities on July 15, 2009 and July 29, 2009. Four entities submitted their SOQs by the due date on August 21, 2009. The four that submitted were: Kiewit Pacific/Malcolm Pirnie, Griffith Company/Burns & McDonnell, SSC Construction/RBF Consulting, and Brutuco Engineering & Construction/Civiltec Engineering. On September 10, 2009, a panel of engineers and inspectors from the Bureaus of Engineering, Sanitation, and Contract Administration reviewed and scored the SOQs. A Record of Selection was prepared and is on file with BOE summarizing the scoring. All four entities met the criteria as set forth in the RFQ and thus the panel made the determination to pre-qualify all four entities that submitted. Only these four design-build entities will be eligible to submit bids on the DCT In-Plant Storage Project.

Office of Contract Compliance (OCC) Review

As required in the RFQ, the design build entities must comply with the Equal Benefits Ordinance (EBO). The OCC reviewed the Statement of Qualifications and made the determination that all four entities are in compliance with the EBO.

Program Review Committee (PRC) Approval

On March 11, 2009, the PRC approved the DCT In-Plant Storage Project with a construction budget not to exceed \$25,000,000.

Department of Public Works
Bureau of Engineering
Report No. 2

October 30, 2009
Page 3

City Engineer's Recommendation

BOE requests that your Board approve the proposed pre-qualified list of design-build entities and authorize the City Engineer to request bids from these entities for the design and construction of the DCT In-Plant Storage Project.

STATUS OF FUNDING

Funding information will be provided in the awarding Board report.

(KRR RTH WHH WFB)

Report reviewed by:

Respectfully submitted,

BOE (PACD)

Report prepared by:



Environmental Engineering Division

Gary Lee Moore, P.E.
City Engineer

Kenneth R. Redd, P.E.
Division Engineer
Phone No. (310) 648-6174

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Questions regarding this report
may be referred to:

Project Manager: Al Bazzi
Phone No. (310) 648-6112
E-mail: Al.Bazzi@lacity.org