



AGENDA ITEM

Public Utilities Commission

City and County of San Francisco



DEPARTMENT Infrastructure Division AGENDA NO. _____
MEETING DATE February 24, 2009

Professional Services Award: Regular Calendar

SUMMARY OF PROPOSED COMMISSION ACTION

Approve the plans and specifications and award Water Enterprise Water System Improvement Program-funded Contract No. WD-2556, Baden and San Pedro Valve Lot Improvements, in the amount of \$11,536,500, to the lowest, qualified, responsible and responsive bidder, JMB Construction, Inc.; adopt environmental findings under the California Environmental Quality Act (Pub. Resources Code §§ 21000 et seq.) ("CEQA") and San Francisco Administrative Code Chapter 31 ("Chapter 31").

BACKGROUND

The Baden and San Pedro Valve Lots Improvement Project is a regional WSIP project. Seismic upgrades under the project would ensure that both the Baden and San Pedro Valve Lots remain operational during a major earthquake and provide operational flexibility in the event of an emergency or a system failure. A new pressure-reducing valve at the Baden Valve Lot would provide redundancy to the existing pressure-reducing valves at the Capuchino Valve Lot. These pressure-reducing valves provide flow and pressure regulation of treated water from the Harry Tracy Water Treatment Plant ("HTWTP") to transmission mains throughout the Peninsula Region. With implementation of the Project, the Baden Valve Lot would be able to serve as an important back-up facility to the Capuchino Valve Lot.

On October 14, 2008, at a public meeting of the SFPUC, the Commission adopted Resolution No. 08-0181, in which the SFPUC: (1) adopted CEQA Findings, the Final IS/MND, the Mitigation Monitoring and Reporting Program ("MMRP"), and the Standard Construction Measures and Greenhouse Gas Reduction Measures; and (2) approved the Project and authorized staff to proceed with actions necessary to implement the Project.

APPROVAL:

PERFORMING
ORGANISATION

FINANCE

Todd Rydstrom

COMMISSION
SECRETARY

Michael Housh

GENERAL
MANAGER

Ed Harrington

Department: Infrastructure Division**Contract:** WD-2556, Baden and San Pedro Valve Lot Improvements**RESULT OF INACTION**

A delay in award will not permit the SFPUC to proceed with plans to improve key facilities needed to improve the reliability on the Peninsula and in San Francisco, and the system will remain vulnerable following a major earthquake.

BUDGET

The baseline budget amount for this project is \$20,900,000. Funding is within the Project No. CUW39101 – Baden and San Pedro Valve Lot Improvements. The Engineer's Estimate for this construction contract work is \$19,800,000.

BID HISTORY

The contract was advertised on November 8, 2008. Sealed bids were received from 9 firms on January 15, 2009, as follows:

Bid Rank	Bid Amount	Bid Preference	Adjusted Bid	Adjusted Rank
1. NTK Construction (Not evaluated by HRC)	\$10,610,000	0%	\$10,610,000	Not Applicable
2. JMB Construction, Inc.	\$11,536,500	0%	\$11,536,500	1
3. Ranger Pipelines	\$11,647,000	0%	\$11,647,000	2
4. Monterey Mechanical	\$11,661,000	0%	\$11,661,000	3
5. McQuire and Hester	\$11,794,554	0%	\$11,794,554	4
6. Shimmick Construction	\$12,149,000	0%	\$12,149,000	5
7. Mountain Cascade	\$12,935,000	0%	\$12,935,000	6
8. West Bay Builders	\$13,837,500	0%	\$13,837,500	7
9. Pacific Mechanical	\$17,046,750	0%	\$17,046,750	8

Application of bid preferences do not apply to this contract as the engineer's estimate is in excess of \$10,000,000.

NTK Construction withdrew their bid due to a clerical error.

PROJECT REVIEW CHECKLIST

The attached Project Review Checklist documents all the reviews performed during the planning and design phases of Contract No. WD-2556.

Department: Infrastructure Division

Contract: WD-2556, Baden and San Pedro Valve Lot Improvements

SCHEDULE

Construction is anticipated to begin in April 2009 and end in February 2011. The time allowance for this contract is 680 consecutive calendar days and 45 days for the final completion.

ENVIRONMENTAL DETERMINATION

The San Francisco Planning Department's Major Environmental Analysis ("MEA") Division determined that Project No. CUW39101 – Baden and San Pedro Valve Lots Improvements – required an Initial Study/Mitigated Negative Declaration (IS/MND) under the California Environmental Quality Act ("CEQA"). The Planning Department adopted the Final IS/MND for that project on 09/25/08. The Final IS/MND included mitigation measures, a Mitigation Monitoring and Reporting Plan ("MMRP"), standard construction measures and Greenhouse Gas reduction Measures to reduce potentially significant environmental impacts to less than significant levels.

COMPLIANCE WITH CHAPTER 14B: LOCAL BUSINESS ENTERPRISE AND NON-DISCRIMINATION IN CONTRACTING ORDINANCE

An HRC subcontracting goal of 16% LBE participation has been established for this contract.

DESCRIPTION OF CONTRACT ACTION

Construction contract work will take place at 4 different sites within San Mateo County. The work under this contract consists of replacing pumps, motors, and control systems at the Baden Pump Station; performing various seismic upgrades at Baden and San Pedro Valve Lots, Pulgas Pump Station and Pulgas Tunnel Air Shaft.

Detail of Work under this Contract

Site 1: Baden Valve Lot and Pump Station in South San Francisco

- Install pressure-reducing valve and seven new isolation valves
- Construct new vault to house the new pressure-reducing valve
- Retrofit seven vaults—thicken existing vaults
- Replace a 300-foot-long segment of existing pipeline
- Replace existing pumps and motors
- Provide fire sprinkler and suppression system
- Improve site drainage
- Demolish and remove shed
- Remove existing oil-filled transformer
- Install new transformer and switchgear
- Replace existing propane tank and generator
- Build new structure to house three new variable-frequency drives and new switchgear
- Install a 12-inch dewatering pipeline

Site 2: San Pedro Valve Lot in Daly City

- Retrofit two vaults
- Modify electrical heaters to valve operators
- Improve site drainage

Site 3: Pulgas Pump Station in unincorporated San Mateo County

- Replace existing isolation valve

Site 4: Pulgas Tunnel Air Shaft in unincorporated San Mateo County

- Stabilize slope
- Improve site drainage

RECOMMENDATION

SFPUC staff recommends that the Commission adopt the attached resolution.

ATTACHMENTS

SFPUC Resolution

HRC memo

Project Review Checklist

Project Manager: Calvin Huey

PUBLIC UTILITIES COMMISSION

City and County of San Francisco

RESOLUTION NO. 09-0039

WHEREAS, Contract No. WD-2556, Baden and San Pedro Valve Lot Improvements was advertised on November 8, 2008; and

WHEREAS, The baseline budget amount is \$20,900,000 and the Engineer's Estimate for this construction contract work is \$19,800,000; and

WHEREAS, The contract duration is 680 consecutive calendar days; and

WHEREAS, The San Francisco Planning Department's Major Environmental Analysis Division ("Planning Department") determined that Project No. CUW39101 – Baden and San Pedro Valve Lots Improvements (the "Project") -- required an Initial Study/Mitigated Negative Declaration (IS/MND) under the California Environmental Quality Act (California Public Resources Code §§ 21000 et seq.) ("CEQA") and Chapter 31 of the San Francisco Administrative Code. The Planning Department adopted the Final IS/MND for the Project on 09/25/08; and,

WHEREAS, On October 14, 2008, at a public meeting of the San Francisco Public Utilities Commission (SFPUC), the Commission adopted Resolution No. 08-0181, in which the SFPUC: (1) adopted CEQA Findings, the Final IS/MND, the Mitigation Monitoring and Reporting Program (MMRP), and the Standard Construction Measures and Greenhouse Gas Reduction Measures (collectively referred to herein as "SFPUC CEQA Findings"); and (2) approved the Project and authorized staff to proceed with actions necessary to implement the Project; and

WHEREAS, The SFPUC has reviewed and considered the Final IS/MND and hereby incorporates the adoption of the October 14, 2008, SFPUC CEQA Findings by reference as if fully set forth herein; and

WHEREAS, The SFPUC finds that the Project as approved herein is consistent with the project description contained in the Final IS/MND and would not result any significant impacts not identified in the Final IS/MND or cause significant effects already identified in the Final IS/MND to be substantially more severe; and

WHEREAS, The SFPUC has reviewed and considered the relevant environmental information contained in the Final IS/MND and finds that there are no changed circumstances or other factors present that would trigger the need or requirement for additional environmental review for this action; and

WHEREAS, on January 27, 2009, the Board of Supervisors adopted Resolution No. 26-09, effective on February 5, 2009, which adopted CEQA findings, the MMRP, and Standard Construction Measures and Greenhouse Gas Reduction Measures for the Project and authorized

release of appropriation reserves by the Controller subject to the Controller's certification of funds availability; and

WHEREAS, 9 bids were received and opened publicly on January 15, 2009; and

WHEREAS, SFPUC staff and the Human Rights Commission (HRC) review of the bids for qualifications, responsibility, responsiveness resulted in the establishment of JMB Construction, Inc. as the lowest, qualified, responsible and responsive bidder; and

WHEREAS, An HRC subcontracting goal of 16% Local Business Enterprise (LBE) participation has been established; and

WHEREAS, The firm being awarded a contract by the SFPUC must be in compliance with the Equal Benefits Provisions of Chapter 12B of the City's Administrative Code either at the time of the award, or within 2 weeks of the date of the Commission award; failure of the bidder to obtain compliance certification from HRC may result in award of the contract to the next lowest, responsible and responsive bidder, or re-bidding of the contract at the discretion of the City; and

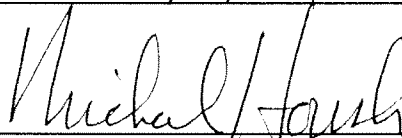
WHEREAS, Failure to reach successful agreement on contract terms and conditions within 60 days of the date of the Commission award may result in the award of the contract to the next lowest, responsible and responsive bidder, or re-bidding of the contract at the discretion of the City; and

WHEREAS, Funds are available from Project No. CUW39101 - Baden and San Pedro Valve Lot Improvements; now, therefore, be it

RESOLVED, That, this Commission has reviewed and considered the Final IS/MND and the SFPUC CEQA Findings incorporated herein by reference, and hereby adopts said findings in relation to this approval action; and, be it

FURTHER RESOLVED, That, this Commission hereby approves the plans and specifications and awards Water Enterprise Water System Improvement Program-funded Contract No. WD-2556, Baden and San Pedro Valve Lot Improvements, in the amount of \$11,536,500, to the lowest, qualified, responsible and responsive bidder, JMB Construction, Inc.

I hereby certify that the foregoing resolution was adopted by the Public Utilities Commission at its meeting of _____ *February 24, 2009*



Secretary, Public Utilities Commission



Gavin Newsom
Mayor

Contract Compliance
Dispute Resolution/Fair Housing
Small and Micro Business Enterprise
Lesbian Gay Bisexual Transgender & HIV Discrimination

Chris Iglesias
Executive Director

MEMORANDUM

TO: Calvin Huey, Project Manager, PUC
 CC: Pauline Y. Lam, OCA, Public Utilities Commission
 FROM: Andrew Houston, Contract Compliance Officer,
 Human Rights Commission
 DATE: February 9, 2009
 RE: Award Eligibility for Contract No. WD-2556, Baden & San Pedro Valve
 Lot Improvements

The Human Rights Commission (“HRC”) has received the bids on the above referenced project and has conducted an evaluation for compliance with HRC requirements. An LBE subcontracting participation goal of 16% was established for this contract.

Eight firms submitted bids as follows:

Bidder	LBE Status	Base Bid
JMB Construction	Non-LBE	\$ 11,536,500
Ranger Pipelines	Non-LBE	\$ 11,647,000
Monterey Mechanical	Non-LBE	\$ 11,661,000
McGuire & Hester	Non-LBE	\$ 11,794,554
Shimmick Construction	Non-LBE	\$12,149,000
Mountain cascade	Non-LBE	\$12,935,000
West Bay Builders	Non-LBE	\$13,837,500
Pacific Mechanical	Non-LBE	\$17,046,750



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Suite 800
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California 94102-6033



TEL (415) 252-2500
FAX (415) 431-5764
TDD (415) 252-2550
<http://www.sfhumanrights.org>



LBE Subcontractor Participation Goals

The lowest bidder, JMB Construction, listed 17.4% participation by HRC-certified LBE subcontractors, as detailed below:

Subcontractor	Status	Listed Amount	Participation
Ferguson Welding Service	OBE/LBE	\$ 76,337	0.66%
CC & Sons Trucking	WBE/LBE	\$ 57,000	0.49%
Pump Repair Service	OBE/LBE	\$ 127,300	1.10%
US Electric	MBE/LBE	\$1,746,276	15.14
TOTAL		\$2,006,913	17.4%

Based on the above analysis, HRC has determined that JMB Construction is the lowest responsive bidder, has complied with pre-award HRC 14B requirements and is eligible for award of this contract. If you have any questions, please do not hesitate to contact me at 415-551-4335.



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**Water System Improvement Program (WSIP) Quality Management Program
PROJECT REVIEW CHECKLIST**

PROJECT INFORMATION			
Project Name: <u>Baden & San Pedro Valve Lots Improvements</u>	Project No.:	<u>WD-2556</u>	
Region: <u>Peninsula</u>	Date:	<u>10/17/08</u>	
PM Name: <u>Calvin Huey</u>	PM Phone No.:	<u>415-551-4592</u>	
PE Name: <u>Samson Chan</u>	PE Phone No.:	<u>415-551-4803</u>	
Design Performed By: <input checked="" type="checkbox"/> SFPUC-EMB <input checked="" type="checkbox"/> City Department <input checked="" type="checkbox"/> Consultant (check all that apply)			
REQUIRED REVIEWS			
Technical Peer Reviews		<input checked="" type="checkbox"/> All Completed	<input type="checkbox"/> Some Completed <input type="checkbox"/> None Completed
AAR: By: <u>WSTD</u>	Date: <u>7/06</u>	35%: By: <u>WSTD</u>	Date: <u>8/07</u>
CER: By: <u>WSTD</u>	Date: <u>10/06</u>	65%: By: <u>WSTD</u>	Date: <u>11/07</u>
DCR: By: <u>WSTD</u>	Date: <u>6/07</u>	95%: By: <u>WSTD</u>	Date: <u>4/08</u>
Cost Estimate Reviews		<input type="checkbox"/> All Completed	<input checked="" type="checkbox"/> Some Completed <input type="checkbox"/> None Completed
35%: By: _____	Date: _____	95%: By: <u>Parsons</u>	Date: <u>5/08</u>
Independent Technical Reviews		<input type="checkbox"/> All Completed	<input checked="" type="checkbox"/> Some Completed <input type="checkbox"/> None Completed
35%: By: _____	Date: _____	95%: By: <u>MWH</u>	Date: <u>5/08</u>
65%: By: <u>MWH</u>	Date: <u>1/08</u>		
Constructibility Reviews		<input checked="" type="checkbox"/> All Completed	<input type="checkbox"/> Some Completed <input type="checkbox"/> None Completed
35%: By: <u>SFPUC-CMB</u>	Date: <u>8/07</u>	95%: By: <u>SFPUC-EMB</u>	Date: <u>5/08</u>
65%: By: <u>SFPUC-CMB</u>	Date: <u>1/08</u>		
Steering Committee Reviews		<input checked="" type="checkbox"/> All Completed	<input type="checkbox"/> Some Completed <input type="checkbox"/> None Completed
AAR: By: <u>SFPUC</u>	Date: <u>8/06</u>	95%: By: <u>SFPUC</u>	Date: <u>8/08</u>
CER: By: <u>SFPUC</u>	Date: <u>10/06</u>		
Important: If "All Completed" box is not checked for all required reviews, attach explanation to checklist.			
AS NEEDED REVIEWS			
Technical Advisory Panel (TAP) Reviews		<input type="checkbox"/> Completed	<input checked="" type="checkbox"/> Not Completed
Briefly Describe Reviews: _____			
Value Engineering Reviews		<input type="checkbox"/> Completed	<input checked="" type="checkbox"/> Not Completed
35%: By: _____	Date: _____		
Project Management Reviews		<input type="checkbox"/> Completed	<input checked="" type="checkbox"/> Not Completed
Briefly Describe Reviews: _____			
SIGNATURES			
Project Manager (PM): <u>Calvin Huey</u>	Date:	<u>02/09/09</u>	
Project Engineer (PE): <u>Samson Chan</u>	Date:	<u>10/31/08</u>	
WSIP Director: <u>[Signature]</u>	Date:	<u>02/10/09</u>	