



# AGENDA ITEM

## Public Utilities Commission

*City and County of San Francisco*



DEPARTMENT Water Enterprise AGENDA NO. \_\_\_\_\_  
 MEETING DATE June 9, 2009

**Construction Award: Consent Calendar**  
**Project Manager:** Howard Fung

**Contract No. WD-2547, Award, Vista Francisco Pump Station Upgrade**

<b>Summary of Proposed Action:</b>	<b>Approve the plans and specifications, and award</b> Water Enterprise Water System Improvement Program-funded Contract No. WD-2547, Vista Francisco Pump Station Upgrade, in the amount of \$3,047,000, to the lowest, qualified, responsible and responsive bidder, Cal State Constructors, Inc., to replace the existing Vista Francisco Pump Station.
<b>Background:</b>	<p>The Vista Francisco Pump Station supplies potable water and fire protection to the community east of Twin Peaks in the San Francisco. Built in 1963, the existing wood framed pump station building, pumping equipment, mechanical and electrical systems have exceeded their useful life and are in need of replacement.</p> <p>The station is vulnerable to fires and earthquake damage. The pump station also lacks emergency power, fire protection and ventilation systems. Furthermore, maintenance is difficult as the station is cramped and does not meet current building, electrical and seismic codes and Americans with Disabilities Act (ADA) requirements.</p> <p>This Vista Francisco Pump Station Upgrade project will construct a new pump station. Outdated mechanical and electrical systems will be replaced with new pumps, motors, emergency generator, surge and hydro-pneumatic tanks, electrical distribution, and station control systems. Various other improvements will be made including security and landscaping.</p>
<b>Budget &amp; Costs:</b>	<p><b>Baseline Budget:</b> \$3,900,000  <b>Engineer's Estimate:</b> \$3,430,000  <b>Award:</b> \$3,047,000  <b>Funding:</b> Project No. CUW34001, Vista Francisco Pump Station Upgrade</p>

**APPROVAL:**

DEPARTMENT / BUREAU \_\_\_\_\_

FINANCE Todd L. Rydstrom

COMMISSION SECRETARY Mike Housh

GENERAL MANAGER Ed Harrington

<b>Schedule:</b>	<p><b>NTP:</b> July 6, 2009  <b>End:</b> January 16, 2011  <b>Duration:</b> 560 consecutive calendar days (approx. 18.5 months)</p>																									
<b>HRC goals:</b>	<p><b>Set:</b> 10% LBE  <b>Submitted:</b> 20% LBE</p>																									
<b>Environmental Review:</b>	<p>Project No. CUW34001, Vista Francisco Pump Station Upgrade, was determined to be categorically exempt as a Class 1 and Class 2 Categorical Exemption under the California Environmental Quality Act (CEQA) on December 31, 2007.</p>																									
<b>Bid History:</b>	<p><b>Advertised:</b> March 31, 2009  <b>Bids Received:</b> Sealed bids were received from four (4) contractors on May 5, 2009, as follows:</p> <table border="1" data-bbox="397 856 1432 1297"> <thead> <tr> <th data-bbox="402 856 717 947"><b>Bid Rank</b></th> <th data-bbox="722 856 911 947"><b>Bid Amount</b></th> <th data-bbox="915 856 1084 947"><b>Bid Preference</b></th> <th data-bbox="1089 856 1268 947"><b>Adjusted Bid</b></th> <th data-bbox="1273 856 1427 947"><b>Adjusted Rank</b></th> </tr> </thead> <tbody> <tr> <td data-bbox="402 953 717 1043">1. JMB Construction, Inc.</td> <td data-bbox="722 953 911 1043">\$2,770,200</td> <td data-bbox="915 953 1084 1043">0%</td> <td data-bbox="1089 953 1268 1043">\$2,770,200</td> <td data-bbox="1273 953 1427 1043">2</td> </tr> <tr> <td data-bbox="402 1043 717 1127">2. Cal State Constructors, Inc.</td> <td data-bbox="722 1043 911 1127">\$3,047,000</td> <td data-bbox="915 1043 1084 1127">10%</td> <td data-bbox="1089 1043 1268 1127">\$2,742,300</td> <td data-bbox="1273 1043 1427 1127">1</td> </tr> <tr> <td data-bbox="402 1127 717 1211">3. NTK Construction, Inc.</td> <td data-bbox="722 1127 911 1211">\$3,135,500</td> <td data-bbox="915 1127 1084 1211">10%</td> <td data-bbox="1089 1127 1268 1211">\$2,821,950</td> <td data-bbox="1273 1127 1427 1211">3</td> </tr> <tr> <td data-bbox="402 1211 717 1297">4. Trinet Construction, Inc.</td> <td data-bbox="722 1211 911 1297">\$3,187,000</td> <td data-bbox="915 1211 1084 1297">10%</td> <td data-bbox="1089 1211 1268 1297">\$2,868,300</td> <td data-bbox="1273 1211 1427 1297">4</td> </tr> </tbody> </table> <p data-bbox="397 1354 1427 1501">Application of bid preferences in accordance with Chapter 12D of the San Francisco Administrative Code changed the final ranking of the low bidder. Cal State Constructors, Inc. moved from 2nd to 1st place, and JMB Construction, Inc. moved from 1st to 2nd place.</p> <p data-bbox="397 1533 1427 1648"><b>Project Review Checklist:</b> (for WSIP contract awards only)                  The attached Project Review Checklist documents all the reviews performed during the planning and design phases of Contract No. WD-2547.</p>	<b>Bid Rank</b>	<b>Bid Amount</b>	<b>Bid Preference</b>	<b>Adjusted Bid</b>	<b>Adjusted Rank</b>	1. JMB Construction, Inc.	\$2,770,200	0%	\$2,770,200	2	2. Cal State Constructors, Inc.	\$3,047,000	10%	\$2,742,300	1	3. NTK Construction, Inc.	\$3,135,500	10%	\$2,821,950	3	4. Trinet Construction, Inc.	\$3,187,000	10%	\$2,868,300	4
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<b>Description of Scope of Work:</b>	Contract work location is at 39 Crestline Drive in San Francisco, California. The contract work consists of installation of a city-furnished temporary pump station including foundation, electrical and piping hook ups and perimeter fencing; demolition of existing pump station including selective removal of mechanical and electrical systems; relocation, and/or salvage of miscellaneous equipment. Work also consists of constructing a new pump station including shoring, foundations and retaining walls; new pumps, motors and related appurtenances, trenching and pipeline and conduit construction; compressed air system, fire protection; security infrastructure; electrical power distribution systems, diesel emergency generator system, SCADA and I&C control systems; perimeter security fence, sewer modifications, grading and drainage; irrigation and landscape restoration, and various site improvements.
<b>Recommendation:</b>	SFPUC staff recommends that the Commission adopt the attached resolution.
<b>Attachments:</b>	<ol style="list-style-type: none"><li>1. SFPUC Resolution</li><li>2. HRC Memo</li><li>3. Project Review Checklist (for WSIP contract awards only)</li></ol>

# **PUBLIC UTILITIES COMMISSION**

City and County of San Francisco

RESOLUTION NO. 09-0094

WHEREAS, Contract No. WD-2547, Vista Francisco Pump Station Upgrade was advertised on March 31, 2009; and

WHEREAS, The baseline budget amount is \$3,900,000 and the Engineer's Estimate is \$3,430,000 for this construction contract work to replace the existing Vista Francisco Pump Station; and

WHEREAS, The contract duration is 560 consecutive calendar days; and

WHEREAS, The Planning Department's Major Environmental Analysis Section has determined Project No. CUW34001, Vista Francisco Pump Station Upgrade to be categorically exempt from environmental review under the California Environmental Quality Act (CEQA); and

WHEREAS, Four (4) bids were received and opened publicly on May 5, 2009; and

WHEREAS, San Francisco Public Utilities Commission (SFPUC) staff and Human Rights Commission (HRC) review of the bids for qualifications, responsibility, responsiveness and application of bid preferences resulted in the establishment of Cal State Constructors, Inc. as the lowest, qualified, responsible and responsive bidder; and

WHEREAS, An HRC subcontracting goal of 10% Local Business Enterprise (LBE) participation has been established for this contract; and

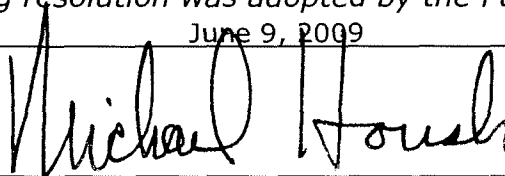
WHEREAS, The firm being awarded a contract by the SFPUC must be in compliance with the Equal Benefits Provisions of Chapter 12B of the City's Administrative Code either at the time of the award, or within 2 weeks of the date of the Commission award; failure of the bidder to obtain compliance certification 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 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. CUW34001, Vista Francisco Pump Station Upgrade; and

FURTHER RESOLVED, That this Commission hereby approves the plans and specifications and awards Water Enterprise Water System Improvement Program-funded Contract No. WD-2547, Vista Francisco Pump Station Upgrade, in the amount of \$3,047,000, to the lowest, qualified, responsible and responsive bidder, Cal State Constructors, Inc.

I hereby certify that the foregoing resolution was adopted by the Public Utilities Commission at its meeting of June 9, 2009



*Secretary, Public Utilities Commission*



**MEMORANDUM**

TO: Howard Fung, Project Manager  
Public Utilities Commission

FROM: Andrew Houston, Contract Compliance Officer  
Human Rights Commission

DATE: May 18, 2009

RE: Award Eligibility For WD-2547, Vista Francisco Pump Stations

The Human Rights Commission (“HRC”) received four bids for evaluation for the above referenced project. An LBE project participation goal of 10% was established for the project. Below is a summary of this review:

Bidder	Status	Base Bid	Bid Discount	Adjusted Bid
JMB Construction	Non-LBE	\$2,770,200	N/A	N/A
Cal State Constructors	LBE	\$3,047,000	10%	\$2,742,300
NTK Construction	LBE	\$3,315,500	10%	\$2,820,150
Tri-Net Construction	LBE	\$3,187,000	10%	\$2,868,300

LBE Subcontractor Participation Goals

Cal State Constructors met the 10% LBE goal and listed the following commitments to HRC certified firms.

Subcontractor	Status	Listed Amount	Participation
E. Mitchell, Inc.	LBE	\$100,055.00	3.2%
Value Fire Protection	LBE	\$51,000.00	1.6%
D&M Plastering Co., Inc.	LBE	\$35,488.00	1.1%
Phoenix Electric Co.	LBE	\$430,170.00	14.1%
<b>TOTAL</b>		\$616,713.00	20%

Based on the above analysis, the HRC declares, Cal State Constructors, the lowest responsive bidder, eligible for the award of this contract. If you have any questions, please do not hesitate to call me at 415-551-4335.

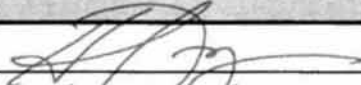
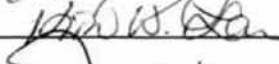



**Water System Improvement Program (WSIP) Quality Management Program  
PROJECT REVIEW CHECKLIST**

<b>PROJECT INFORMATION</b>			
Project Name: <u>WD-2547 Vista Francisco Pump Station Upgrade</u>	Project No.: <u>CUW34001</u>		
Region: <u>SF Local</u>	Date: <u>9/22/2008</u>		
PM Name: <u>Howard Fung</u>	PM Phone No.: <u>551-4642</u>		
PE Name: <u>Kin Lau (DPW)</u>	PE Phone No.: <u>554-1877</u>		
Design Performed By: <input checked="" type="checkbox"/> SFPUC	<input checked="" type="checkbox"/> City Department	<input checked="" type="checkbox"/> Consultant	
(check all that apply)			

<b>REQUIRED REVIEWS</b>					
<b>Technical Peer Reviews</b>		<input type="checkbox"/> All Completed	<input checked="" type="checkbox"/> Some Completed	<input type="checkbox"/> None Completed	
AAR:	By: <u>N/A</u>	Date: _____	35%:	By: <u>EMB &amp; DPW</u>	Date: <u>8/20/2007</u>
CER	By: <u>EMB &amp; DPW</u>	Date: <u>3/6/2007</u>	65%:	By: <u>EMB &amp; DPW</u>	Date: <u>12/17/2007</u>
DCR	By: <u>EMB &amp; DPW</u>	Date: <u>8/13/2007</u>	95%:	By: <u>EMB &amp; DPW</u>	Date: <u>3/28/2008</u>
<b>Cost Estimate Reviews</b>		<input checked="" type="checkbox"/> All Completed	<input type="checkbox"/> Some Completed	<input type="checkbox"/> None Completed	
65%:	By: <u>PDSB</u>	Date: <u>1/17/2008</u>	95%:	By: <u>PDSB</u>	Date: <u>5/9/2008</u>
<b>Independent Technical Reviews</b>		<input type="checkbox"/> All Completed	<input checked="" type="checkbox"/> Some Completed	<input type="checkbox"/> None Completed	
35%:	By: <u>PPPCM</u>	Date: <u>8/23/2007</u>	95%:	By: _____	Date: _____
65%:	By: <u>PPPCM</u>	Date: <u>12/3/2007</u>			
<b>Constructibility Reviews</b>		<input checked="" type="checkbox"/> All Completed	<input type="checkbox"/> Some Completed	<input type="checkbox"/> None Completed	
35%:	By: <u>CMB</u>	Date: <u>8/24/2007</u>	95%:	By: <u>CMB</u>	Date: <u>4/11/2008</u>
65%:	By: <u>CMB</u>	Date: <u>12/28/2007</u>			
<b>Steering Committee Reviews</b>		<input type="checkbox"/> All Completed	<input checked="" type="checkbox"/> Some Completed	<input type="checkbox"/> None Completed	
AAR:	By: <u>N/A</u>	Date: _____	95%:	By: <u>N/A*</u>	Date: _____
CER:	By: <u>Steering Committee</u>	Date: <u>4/30/2007</u>			
Important: If "All Completed" box is not checked for all required reviews, attach explanation to checklist.					

<b>AS NEEDED REVIEWS</b>			
<b>Technical Advisory Panel (TAP) Reviews</b>		<input type="checkbox"/> Completed	<input checked="" type="checkbox"/> Not Completed
Briefly Describe Reviews: _____			
<b>Value Engineering Reviews</b>		<input type="checkbox"/> Completed	<input checked="" type="checkbox"/> Not Completed
35%:	By: _____	Date: _____	
<b>Project Management Reviews</b>		<input type="checkbox"/> Completed	<input checked="" type="checkbox"/> Not Completed
Briefly Describe Reviews: _____			

<b>SIGNATURES</b>			
Project Manager (PM):		Date:	<u>9/22/08</u>
Project Engineer (PE):		Date:	<u>9/23/2008</u>
WSIP Director:		Date:	<u>10/07/08</u>

\* Not completed due to project size and scope has not changed since CER Steering Committee review.

## WSIP Construction Contract/Bid Documents - Review and Approval Checklist

### PROJECT/CONTRACT INFORMATION

Project No.: CUW34001 Project Name: Vista Francisco Pump Station Upgrade  
 Contract No.: WD-2547 Contract Name: Vista Francisco Pump Station Upgrade

### ENGINEER OF RECORD

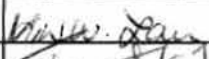

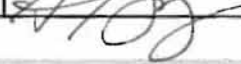
Project Designed by (check all that apply):  EMB  DPW  Consultant(s) - List below

Name of Prime Consultant(s): \_\_\_\_\_

Name (and Firm/Organizaton) of Engineer of Record: Kin Lau (DPW)

### RESPONSIBLE FOR OVERSEEING PREPARATION OF DESIGN DOCUMENTS

I hereby confirm that I have reviewed the design documents (drawings and specifications) for the WSIP project referenced herein and that I find them to be complete and ready to be advertised.

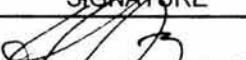
TITLE	PRINT NAME	SIGNATURE	DATE
Project Engineer (PE)	Kin Lau (DPW)		10/9/2008
Regional Project Engineer (RPE)	Ernie Tom		3/31/09
Project Manager (PM)	Howard Fung		3/31/09

### VERIFICATION OF REVIEWS OF DESIGN DOCUMENTS

I hereby confirm that (1) the design documents (drawings and specifications) for the WSIP project referenced herein are complete and ready to be advertised, (2) the design documents have been reviewed thoroughly by key WSIP Team members, including those listed below, and (3) all review comments were incorporated in the final design documents or were addressed separately.

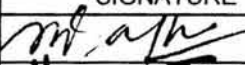

- EMB Manager ✓  Environmental PM (EPM)\* ✓  
 Regional Construction Manager (RCM) ✓  WSIP Shutdown Coordinator\*  
 WE Operations Representative ✓  WSIP ROW Manager\*

\* Only review section(s) relevant to area of responsibility.

TITLE	PRINT NAME	SIGNATURE	DATE
Regional PM (RPM)	Howard Fung		3/31/09

### FINAL APPROVAL OF DESIGN DOCUMENTS

I hereby approve the submittal of the design documents (drawings and specifications) to the Contract Administration Bureau (CAB) for advertisement of the bid package.

TITLE	PRINT NAME	SIGNATURE	DATE
WSIP Pre-Const. Deputy Director	Jeet Bajwa		4/1/09
WSIP Construction Deputy Director	Harvey Elwin		4/1/09