



# AGENDA ITEM

## Public Utilities Commission

*City and County of San Francisco*



DEPARTMENT Water Enterprise AGENDA NO. \_\_\_\_\_  
 MEETING DATE June 23, 2009

**Construction Award: Regular Calendar**  
**Project Manager: David Quiñones**

**Contract No. WD-2539, Award, University Mound Reservoir North Basin Seismic Upgrades**

<b>Summary of Proposed Action:</b>	Approve the plans and specifications, and award Water Enterprise Water System Improvement Program-funded Contract No. WD-2539, University Mound Reservoir North Basin Seismic Upgrades, in the amount of \$29,597,000, to the lowest, qualified, responsible and responsive bidder, S.J. Amoroso Construction Co., Inc., to seismically retrofit the roof structure to withstand major seismic events and address other structural, security, and site improvements.
<b>Background:</b>	University Mound Reservoir North Basin, built in 1885, is the second largest terminal reservoir serving the eastern half of the City. The roof structure, constructed in 1964, is seismically vulnerable in the event of a significant earthquake. This Contract will seismically retrofit the roof structure to withstand major seismic events. In addition to the seismic upgrades, this Contract will address other various structural, security, and site improvements.
<b>Result of Inaction:</b>	A delay or denial in awarding this contract will possibly result in the shutdown of University Mound Reservoir North Basin following a seismic event, which would significantly compromise the City's water supply.
<b>Budget &amp; Costs:</b>	<b>Baseline Budget:</b> \$49,878,000 <b>Engineer's Estimate:</b> \$43,348,492 <b>Award:</b> \$29,597,000 <b>Funding:</b> Project No. CUW 37201, University Mound Reservoir – North Basin

**APPROVAL:**

DEPARTMENT / BUREAU \_\_\_\_\_  
 COMMISSION SECRETARY Mike Housh

FINANCE Todd L. Rydstrom  
 GENERAL MANAGER Ed Harrington

<b>Schedule:</b>	<p><b>NTP:</b> July 27, 2009  <b>End:</b> June 16, 2011  <b>Duration:</b> Six hundred and ninety (690) consecutive calendar days (approximately 23 months) to final completion.</p>																																																		
<b>HRC goals:</b>	<p><b>Set:</b> 8%  <b>Submitted:</b> 8.1%</p>																																																		
<b>Environmental Review:</b>	<p>Project No. CUW 37201 University Mound Reservoir - North Basin, was determined to be categorically exempt as a Section 15301 Class 1 Categorical Exemption under the California Environmental Quality Act (CEQA) on July 18, 2007.</p>																																																		
<b>Bid History:</b>	<p><b>Advertised:</b> March 30, 2009  <b>Bids Received:</b> Sealed bids were received from nine (9) firms on May 19, 2009, as follows:</p> <table border="1" data-bbox="505 831 1524 1415"> <thead> <tr> <th data-bbox="505 831 824 919"><b>Bid Rank</b></th> <th data-bbox="824 831 1024 919"><b>Bid Amount</b></th> <th data-bbox="1024 831 1183 919"><b>Bid Preference</b></th> <th data-bbox="1183 831 1382 919"><b>Adjusted Bid</b></th> <th data-bbox="1382 831 1524 919"><b>Adjusted Rank</b></th> </tr> </thead> <tbody> <tr> <td data-bbox="505 919 824 982">1. S. J. Amoroso Constr.</td> <td data-bbox="824 919 1024 982">\$29,597,000</td> <td data-bbox="1024 919 1183 982">0%</td> <td data-bbox="1183 919 1382 982">\$29,597,000</td> <td data-bbox="1382 919 1524 982">1</td> </tr> <tr> <td data-bbox="505 982 824 1035">2. Mountain Cascade</td> <td data-bbox="824 982 1024 1035">\$32,449,491</td> <td data-bbox="1024 982 1183 1035">0%</td> <td data-bbox="1183 982 1382 1035">\$32,449,491</td> <td data-bbox="1382 982 1524 1035">2</td> </tr> <tr> <td data-bbox="505 1035 824 1087">3. C. Overaa &amp; Co.</td> <td data-bbox="824 1035 1024 1087">\$33,000,000</td> <td data-bbox="1024 1035 1183 1087">0%</td> <td data-bbox="1183 1035 1382 1087">\$33,000,000</td> <td data-bbox="1382 1035 1524 1087">3</td> </tr> <tr> <td data-bbox="505 1087 824 1140">4. West Bay Builders</td> <td data-bbox="824 1087 1024 1140">\$33,524,315</td> <td data-bbox="1024 1087 1183 1140">0%</td> <td data-bbox="1183 1087 1382 1140">\$33,524,315</td> <td data-bbox="1382 1087 1524 1140">4</td> </tr> <tr> <td data-bbox="505 1140 824 1192">5. Monterey Mechanical</td> <td data-bbox="824 1140 1024 1192">\$34,398,000</td> <td data-bbox="1024 1140 1183 1192">0%</td> <td data-bbox="1183 1140 1382 1192">\$34,398,000</td> <td data-bbox="1382 1140 1524 1192">5</td> </tr> <tr> <td data-bbox="505 1192 824 1245">6. Ranger Pipelines</td> <td data-bbox="824 1192 1024 1245">\$38,413,303</td> <td data-bbox="1024 1192 1183 1245">0%</td> <td data-bbox="1183 1192 1382 1245">\$38,413,303</td> <td data-bbox="1382 1192 1524 1245">6</td> </tr> <tr> <td data-bbox="505 1245 824 1297">7. Shimmick Constr.</td> <td data-bbox="824 1245 1024 1297">\$38,860,737</td> <td data-bbox="1024 1245 1183 1297">0%</td> <td data-bbox="1183 1245 1382 1297">\$38,860,737</td> <td data-bbox="1382 1245 1524 1297">7</td> </tr> <tr> <td data-bbox="505 1297 824 1350">8. Swinterton Builders</td> <td data-bbox="824 1297 1024 1350">\$42,473,439</td> <td data-bbox="1024 1297 1183 1350">0%</td> <td data-bbox="1183 1297 1382 1350">\$42,473,439</td> <td data-bbox="1382 1297 1524 1350">8</td> </tr> <tr> <td data-bbox="505 1350 824 1415">9. T.B. Penick &amp; Son</td> <td data-bbox="824 1350 1024 1415">\$42,830,379</td> <td data-bbox="1024 1350 1183 1415">0%</td> <td data-bbox="1183 1350 1382 1415">\$42,830,379</td> <td data-bbox="1382 1350 1524 1415">9</td> </tr> </tbody> </table> <p>Application of bid preferences do not apply to this contract as the engineer's estimate is in excess of \$10,000,000.</p> <p><b>Project Review Checklist:</b>  The attached Project Review Checklist documents all the reviews performed during the planning and design phases of Contract No. WD-2539.</p>	<b>Bid Rank</b>	<b>Bid Amount</b>	<b>Bid Preference</b>	<b>Adjusted Bid</b>	<b>Adjusted Rank</b>	1. S. J. Amoroso Constr.	\$29,597,000	0%	\$29,597,000	1	2. Mountain Cascade	\$32,449,491	0%	\$32,449,491	2	3. C. Overaa & Co.	\$33,000,000	0%	\$33,000,000	3	4. West Bay Builders	\$33,524,315	0%	\$33,524,315	4	5. Monterey Mechanical	\$34,398,000	0%	\$34,398,000	5	6. Ranger Pipelines	\$38,413,303	0%	\$38,413,303	6	7. Shimmick Constr.	\$38,860,737	0%	\$38,860,737	7	8. Swinterton Builders	\$42,473,439	0%	\$42,473,439	8	9. T.B. Penick & Son	\$42,830,379	0%	\$42,830,379	9
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<b>Description of Scope of Work:</b>	<p>The contract work location is in San Francisco at the University Mound Reservoir, North Basin. The contract work consists of:</p> <ul style="list-style-type: none"> <li>• Seismic rehabilitation of the reservoir walls and roof using seismic joints, shear walls, diagonal bracing and struts, and foundation improvements.</li> <li>• General rehabilitation of the reservoir, which includes repairing deteriorated concrete; replacing the reservoir lining material; replacing inlet/outlet, drain, and overflow piping; replacing outlet and drain valves; and performing landscaping and other miscellaneous site improvements.</li> </ul>																																																		

**Contract:** WD-2539, University Mound Reservoir North Basin Seismic Upgrades  
**Commission Meeting Date:** June 23, 2009

<b>Recommendation:</b>	SFPUC staff recommends that the Commission adopt the attached resolution.
<b>Attachments:</b>	1) SFPUC Resolution 2) HRC Memo 3) Project Review Checklist (for WSIP contract awards only)

# PUBLIC UTILITIES COMMISSION

City and County of San Francisco

RESOLUTION NO. 09-0106

WHEREAS, Contract No. WD-2539, University Mound Reservoir North Basin Seismic Upgrades was advertised on March, 30, 2009; and

WHEREAS, The baseline budget amount is \$49,878,000 and the Engineer's Estimate is \$43,348,492 for this construction contract work to perform seismic upgrades on University Mound Reservoir North Basin; and

WHEREAS, The contract duration is Six hundred and ninety (690) consecutive calendar days to final completion; and

WHEREAS, The Planning Department's Major Environmental Analysis Section has determined Project No. Contract No. WD-2539 to be categorically exempt from environmental review under the California Environmental Quality Act; and

WHEREAS, nine (9) bids were received and opened publicly on May, 19, 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 S. J. Amoroso Construction Co., Inc. as the lowest, qualified, responsible and responsive bidder; and

WHEREAS, An HRC subcontracting goal of 8% Local Business Enterprise (LBE) participation has been established for this contract; and 8.1% has been offered by S. J. Amoroso Construction Co., Inc., and

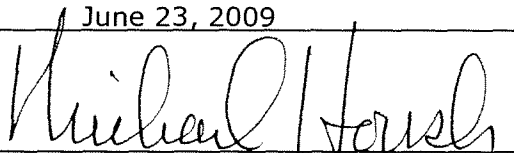
WHEREAS, The firm being awarded a contract by the SFPUC must be in compliance with the Equal Benefits Provisions of Chapter 12B of the City's Administrative Code either at the time of the award, or within 2 weeks of the date of the Commission award; failure of the bidder to obtain compliance certification 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. CUW 37201, University Mound Reservoir - North Basin; and

RESOLVED, That this Commission hereby approves the plans and specifications and awards Water Enterprise Water System Improvement Program-funded Contract No. WD-2539, University Mound Reservoir North Basin Seismic Upgrades, in the amount of \$29,597,000, to the lowest, qualified, responsible and responsive bidder, S. J. Amoroso Construction Co., Inc.

*I hereby certify that the foregoing resolution was adopted by the Public Utilities Commission at its meeting of* \_\_\_\_\_ June 23, 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**

Date: June 4, 2009  
 To: David Quinones, Project Manager, SFPUC  
 Pauline Lam, Principal Contracts Analyst, SFPUC  
 From: Alaric Degrafinried, Contract Compliance Officer, HRC  
 Subject: WD-2539 (University Mount Reservoir North Basin Seismic Upgrades)

The Human Rights Commission (HRC) has received the bids for the above referenced project and has conducted an evaluation for compliance with HRC requirements. A Local Business Enterprise (LBE) subcontracting participation goal of 8% was established for this contract.

Bid Discount

Bid discounts were not available for this project because the estimated cost is over \$10,000,000.

Bid Calculations

Nine firms submitted bids as follows:

Bidder	Bid \$
SJ Amoroso Construction	\$29,597,000
Mountain Cascade	\$32,449,491
C. Overaa & Co.	\$33,000,000
West Bay Builders	\$33,524,315
Monterey Mechanical	\$34,398,000
Ranger Pipelines	\$38,413,303
Shimmick Construction	\$38,860,737
Swinerton Builders	\$42,473,439
TB Penick & Son	\$42,830,379

LBE Subcontractor Participation Goals

SJ Amoroso Construction listed 8.1% participation by HRC-certified LBE subcontractors, as detailed below:

Subcontractor	Service	LBE Status	LBE %
Angels of Ireland	Landscape	SF LBE-WBE	0.2%
Bay Area Security Service	Security Services	SF LBE-MBE	0.2%
Lotus General Contractors, Inc.	Seismic Joints/Concrete Spall	SF LBE-WBE	5.7%
Michael Glynn Construction Services	Underground Utilities	SF LBE-OBE	2.0%
Total			8.1%



25 Van Ness Avenue  
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San Francisco  
California 94102-6033



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



Based on the information noted above, HRC has determined that SJ Amoroso Construction is the lowest responsive bidder, has complied with the pre-award HRC 14B requirements and is eligible for award of this contract.

Thanks for your help and should you have any additional questions and/or concerns please feel free to contact me at 415-554-3103.

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

### PROJECT/CONTRACT INFORMATION

Project No.: CUW 372 Project Name: University Mound Reservoir - North Basin  
 Contract No.: WD-2539 Contract Name: University Mound Reservoir North Basin Seismic Upgrades

### ENGINEER OF RECORD

Project Designed by (check all that apply):  EMB  DPW  Consultant(s) - List below  
 Name of Prime Consultant(s): MWH/Structus  
 Name (and Firm/Organizaton) of Engineer of Record: MWH/Structus and EMB

### 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 Manager (PM)	David Quinones	<i>David Quinones</i>	3/13/09
Regional Project Engineer (RPE)	Ernie K. Tom	<i>Ernie K. Tom</i>	3/17/09
Project Engineer (PE)	James Sakai	<i>James Sakai</i>	3/18/09

### 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 *Howard Fung 6/3/09*  Environmental PM (EPM)\* *BP 3/18/09*  
 Regional Construction Manager (RCM) *Ernie K. Tom 3/19/09*  WSIP Shutdown Coordinator\* *JD 3/18/09*  
 WE Operations Representative *James Sakai 4/7/09*  WSIP ROW Manager\* *Not Applicable*

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

TITLE	PRINT NAME	SIGNATURE	DATE
Regional PM (RPM)	Howard Fung	<i>Howard Fung</i>	3/18/09

### 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	<i>Jeet Bajwa</i>	6/3/09
WSIP Construction Deputy Director	Harvey Elwin	<i>Harvey Elwin</i>	6/3/09