



AGENDA ITEM

Public Utilities Commission

City and County of San Francisco



DEPARTMENT Project Management Bureau AGENDA NO. _____
 MEETING DATE October 27, 2009

Construction Award: Regular Calendar
Project Manager: Joseph L. Ortiz

Contract No. WD-2589, Supervisory Control and Data Acquisition SCADA System Phase II

<p>Summary of Proposed Commission Action:</p>	<p>Approve the plans and specifications, and award Water Enterprise Water System Improvement Program (WSIP) funded Contract No. WD-2589, Supervisory Control and Data Acquisition (SCADA) System Phase II, in the amount of \$3,847,250 to the lowest, qualified, responsible and responsive bidder, Ranger Pipelines, Inc., to incorporate new flow and pressure monitoring sites into the existing San Francisco Water Supply SCADA System; authorize the General Manager to negotiate and execute a new, or modify the terms of an existing, Memorandum of Understanding (MOU) with the San Francisco Recreation and Park Department (SFRPD) for the installation of SCADA equipment on SFRPD property; and authorize the General Manager to negotiate and execute an MOU with the San Francisco Department of Public Works (SFDPW) for the coordination and inspection of SFPUC projects requiring street work within San Francisco City Limits.</p>
<p>Background:</p>	<p>The objective of the project is to incorporate new Supervisory Control and Data Acquisition (SCADA) monitoring sites (flow and pressure) into the existing San Francisco Water Supply SCADA System. The monitoring sites will contribute to the automation of the water supply system. The work is to be performed at 26 locations within San Francisco and four locations in the Peninsula.</p> <p>An MOU with the SFRPD is needed to allow the installation of a flow meter and communication cabinet in Golden Gate Park, in the vicinity of 23rd Avenue and Fulton Street. The agreement, which was requested by the SFRPD, will establish construction and restoration requirements.</p> <p>An MOU with the SFDPW is needed to establish coordination, inspection and public notification requirements for all SFPUC projects that require street work</p>

APPROVAL:

DEPARTMENT / BUREAU _____ COMMISSION SECRETARY _____ _____	FINANCE _____ GENERAL MANAGER _____ _____	Todd L. Rydstrom Ed Harrington
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	within San Francisco City limits. This agreement is needed to allow construction work on certain project sites within the City limits to proceed.
Result of Inaction:	A delay or denial in awarding this contract will prevent an important component of the Water System Improvement Program (WSIP) from moving forward into construction. The flow and pressure monitoring and reporting capabilities are critical to more efficiently operate the water system, improve water quality, and monitor critical flow data during emergencies.
Budget & Costs:	Baseline Budget: \$10,691,898 Engineer's Estimate: \$10,600,000 Award: \$3,847,250 Funding: Project No. CUW36301, SCADA System Phase II
Schedule:	NTP: December 1, 2009 End: November 16, 2010 Duration: Three-hundred fifty (350) consecutive calendar days (11 months plus 20 days)
Compliance With Chapter 14B: Local Business Enterprise (LBE) And Non-Discrimination In Contracting Ordinance:	Set: 9% Local Business Enterprise (LBE) Submitted: 11.9% LBE
Environmental Review:	Project No. CUW36301, SCADA System Phase II, was determined to be categorically exempt as a Class 15301(b) Categorical Exemption under the California Environmental Quality Act (CEQA) on January 24, 2008, and as amended on March 9, 2009.

<p>Bid History:</p>	<p>Advertised: July 28, 2009</p> <p>Bids Received: Sealed bids were received from four firms on August 27, 2009, as follows:</p> <table border="1" data-bbox="488 420 1511 737"> <thead> <tr> <th>Bid Rank</th> <th>Bid Amount</th> <th>Bid Preference</th> <th>Adjusted Bid</th> <th>Adjusted Rank</th> </tr> </thead> <tbody> <tr> <td>1. Ranger Pipelines</td> <td>\$3,847,250</td> <td>0%</td> <td>\$3,847,250</td> <td>1</td> </tr> <tr> <td>2. A&B Construction</td> <td>\$3,950,000</td> <td>0%</td> <td>\$3,950,000</td> <td>2</td> </tr> <tr> <td>3. Cal State Constructors</td> <td>\$4,247,000</td> <td>0%</td> <td>\$4,247,000</td> <td>3</td> </tr> <tr> <td>4. Mountain Cascade</td> <td>\$6,427,600</td> <td>0%</td> <td>\$6,427,600</td> <td>4</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>The large spread between the engineer's estimate (\$10.7M) and the bids submitted by the four contracting firms (\$3.8M to \$6.4M) can be attributed to an overly conservative engineer's estimate and the extremely competitive bidding environment we are currently experiencing. The overly conservative estimate is likely the result of the large cost overruns that were incurred in the SCADA Phase I project. Given the significantly lower than expected cost assigned to certain items in Ranger Pipelines' bid, the project team has been directed to exercise extra vigilance in its review of all contractor submittals.</p> <p>Project Review Checklist: The attached Project Review Checklist documents all the reviews performed during the planning and design phases of Contract No. WD-2589.</p> <p>Protest: A bid protest was received from Cal State Constructors on September 3, 2009 citing the low bidder did not submit qualifications for an approved system integrator. SFPUC staff, in consultation with the Office of the City Attorney, determined that the low bidder did meet the submission requirements for the system integrator and deemed the protest was without merit on September 29, 2009.</p>	Bid Rank	Bid Amount	Bid Preference	Adjusted Bid	Adjusted Rank	1. Ranger Pipelines	\$3,847,250	0%	\$3,847,250	1	2. A&B Construction	\$3,950,000	0%	\$3,950,000	2	3. Cal State Constructors	\$4,247,000	0%	\$4,247,000	3	4. Mountain Cascade	\$6,427,600	0%	\$6,427,600	4
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Description of Scope of Work:	Contract work will occur at 26 locations within the City and County of San Francisco (CCSF), 1 location in the Town of Hillsborough, 2 locations in the City of San Jose, and 1 location in the City of Redwood City (collectively “Peninsula”). The contract work consists of the installation of flow and pressure monitoring devices on water mains within CCSF, and may also include street work and panel installation in sidewalks. The work to be performed in the Peninsula will include the installation of communication panels at existing pressure regulating valve sites. The project will consolidate disparate Water Enterprise SCADA systems on a common software platform in order to leverage efficiencies in water system operation and SCADA maintenance.
Recommendation:	SFPUC staff recommends that the Commission adopt the attached resolution.
Attachments:	<ol style="list-style-type: none">1. SFPUC Resolution2. HRC Memo3. Project Review Checklist4. Draft Memorandum of Understanding, SFPUC and San Francisco Recreation and Park Department5. Draft Memorandum of Understanding, SFPUC and San Francisco Public Works Department

PUBLIC UTILITIES COMMISSION

City and County of San Francisco

RESOLUTION NO. 09-0182

WHEREAS, Contract No. WD-2589, SCADA System Phase II was advertised on July 28, 2009; and

WHEREAS, The baseline budget amount is \$10,691,898 and the Engineer's Estimate is \$10,600,000 for this construction contract work to incorporate new SCADA monitoring sites (flow and pressure) into the existing San Francisco Water Supply SCADA System; and

WHEREAS, The contract duration is 350 consecutive calendar days; and

WHEREAS, Four (4) bids were received and opened publicly on August 27, 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 Ranger Pipelines, Inc. as the lowest, qualified, responsible and responsive bidder; and

WHEREAS, A HRC subcontracting goal of 9% 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, The Project includes work located within Golden Gate Park, and in connection with such work, SFPUC is negotiating the terms to be included in a new or existing Memorandum of Understanding (MOU) with the San Francisco Recreation and Park Department (SFRPD), and a draft of the terms is on file with the Commission Secretary (Attachment 4), subject to final negotiations; and

WHEREAS, The Project involves some street work within San Francisco City limits, and in connection with such work, SFPUC is negotiating an MOU with the San Francisco Public Works Department (SFPWD), and a draft of the terms is on file with the Commission Secretary (Attachment 5), subject to final negotiations; and

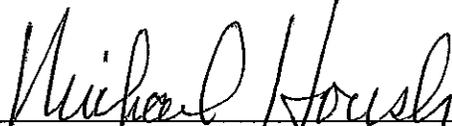
WHEREAS, Funds are available from Project No. CUW36301, SCADA System Phase II; now, therefore, be it

RESOLVED, that this Commission hereby authorizes the General Manager to complete negotiations and enter into and execute an MOU with the SFRPD with such terms and conditions, including but not limited to those relating to maintenance, repair and relocation of improvements, that are consistent with applicable law, and in the judgment of the General Manager, in consultation with the City Attorney, are reasonable and appropriate for the scope and duration of the requested use as necessary for the Project; and, be it

FURTHER RESOLVED, That this Commission hereby approves and authorizes the General Manager to complete negotiations and enter into and execute an MOU with the SFDPW with such terms and conditions, including but not limited to those relating to maintenance, repair and relocation of improvements, that are consistent with applicable law, and in the judgment of the General Manager, in consultation with the City Attorney, are reasonable and appropriate for the scope and duration of the requested use as necessary for the; 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-2589, SCADA System Phase II, in the amount of \$3,847,250, to the lowest, qualified, responsible and responsive bidder, Ranger Pipelines, Inc.

I hereby certify that the foregoing resolution was adopted by the Public Utilities Commission at its meeting of _____ *October 27, 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

Theresa Sparks
Executive Director

Date: September 30, 2009
To: Joseph Ortiz, Project Manager, SFPUC
Pauline Lam, Principal Contracts Analyst, SFPUC
From: Alaric Degrafinried, Contract Compliance Officer, HRC
Subject: HRC Award Memo
WD-2589 (SCADA System Phase II)

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 9% was established for this contract.

Bid Discount

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

Bid Calculations

Four firms submitted bids as follows:

Bidder	LBE Status	Bid \$
Ranger Pipelines, Inc.	-	\$3,847,250
A&B Construction	-	\$3,950,000
Cal State Constructors, Inc.	SF LBE-OBE	\$4,247,000
Mountain Cascade	-	\$6,427,600

LBE Subcontractor Participation Goal

Ranger Pipelines listed 11.9% participation by HRC-certified LBE subcontractors, as detailed below:

Subcontractor	Service	LBE Status	LBE %
Michael Heavey Construction, Inc.	Concrete Flatwork	SF LBE-WBE	5.2%
Phoenix Electric Company	Electrical	SF LBE-MBE	6.7%
Total			11.9%

Based on the information noted above, HRC has determined that Ranger Pipelines is the lowest responsive bidder, has complied with 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.



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