



# AGENDA ITEM

## Public Utilities Commission

*City and County of San Francisco*



DEPARTMENT Infrastructure AGENDA NO. #7a  
 MEETING DATE December 18, 2009

**Construction Award:** Consent Calendar  
**Project Manager:** Bessie Tam

**Contract No. WW-483R, North Shore to Channel Force Main Improvement**

<b>Summary of Proposed Commission Action:</b>	Approve the plans and specifications, and award <b>Wastewater Enterprise Interim CIP</b> Program-funded Contract No. WW-483R, North Shore to Channel Force Main Improvement, in the amount of \$6,271,514, to the lowest, qualified, responsible and responsive bidder, A&B Construction, to install approximately 3,500 linear-feet of force main sewers on Drumm Street, Spear Street and Howard Street and construct two valve-vaults in the sidewalk area on The Embarcadero, between Washington and Broadway Streets.
<b>Background:</b>	<p>The existing North Shore Force Main (NSFM) provides sewer service to the northeastern region of San Francisco, which includes the financial district and the Port of San Francisco area. In 2008, a portion of the NSFM failed, requiring emergency repairs on the force main. A subsequent engineering investigation revealed that a portion of the force main is susceptible to further failures due to deterioration. Consequently, this project was expedited to address the potential sewer failure issues. This project will provide an auxiliary force main to serve as a redundant line to the portion of NSFM that is most vulnerable for failure.</p> <p>The Commission authorized the rejection of bids previously received on August 13, 2009, as the bids were substantially higher than anticipated and budgeted. The Commission also authorized the re-advertisement of the contract to allow for adjustments in the scope of work, including changes in alignment, additional specifications on pipe materials, and changes in work hours. These changes resulted in lower construction pricing, as received with the October 22, 2009 bids.</p>

**APPROVAL:**

DEPARTMENT / BUREAU 

COMMISSION SECRETARY Mike Housh

FINANCE Todd L. Rydstrom

GENERAL MANAGER 

**Contract:** WW-483R, North Shore to Channel Force Main Improvement  
**Commission Meeting Date:** January 12, 2010

<b>Result of Inaction:</b>	A delay or denial awarding this contract will prevent the SFPUC from constructing a new, redundant sewer and SFPUC will continue using the existing force main, which is vulnerable to failure, due to deterioration.
<b>Budget &amp; Costs:</b>	<b>Baseline Budget:</b> \$7,000,000 <b>Engineer's Estimate:</b> \$7,000,000 <b>Award:</b> \$6,271,514 <b>Funding:</b> Project No. WW-483R, North Shore to Channel Force Main Improvement
<b>Schedule:</b>	<b>NTP:</b> January 2010 <b>End:</b> October 2010 <b>Duration:</b> Two hundred seventy-two (272) consecutive calendar days (9-months)
<b>Compliance With Chapter 14B: Local Business Enterprise (LBE) And Non-Discrimination In Contracting Ordinance:</b>	Set: 12% Local Business Enterprise (LBE) Submitted: 12% LBE
<b>Environmental Review:</b>	Project No. WW-483R, North Shore to Channel Force Main Improvement, was determined to be statutorily exempt from the California Environmental Quality Act (CEQA) on May 15, 2009.

<b>Bid History:</b>	<p><b>Advertised:</b> October 22, 2009  <b>Bids Received:</b> Sealed bids were received from 6 firms on November 12, 2009, as follows:</p> <table border="1" data-bbox="490 388 1518 850"> <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. A&amp;B Construction</td> <td>\$6,271,514</td> <td>0%</td> <td>\$6,271,514</td> <td>1</td> </tr> <tr> <td>3. Shaw Pipeline</td> <td>\$7,037,860</td> <td>10%</td> <td>\$6,334,074</td> <td>2</td> </tr> <tr> <td>2. K.J. Woods Construction</td> <td>\$6,534,000</td> <td>0%</td> <td>\$6,534,000</td> <td>3</td> </tr> <tr> <td>4. Con-Quest Contractors</td> <td>\$7,629,432</td> <td>10%</td> <td>\$6,866,489</td> <td>4</td> </tr> <tr> <td>5. NTK Construction</td> <td>\$8,276,093</td> <td>10%</td> <td>\$7,448,484</td> <td>5</td> </tr> <tr> <td>6. Ranger Pipelines</td> <td>\$8,801,712</td> <td>0%</td> <td>\$8,801,712</td> <td>6</td> </tr> </tbody> </table> <p>Application of bid preferences in accordance with Chapter 14B of the San Francisco Administrative Code did not change the final ranking of the low bidder.</p>	Bid Rank	Bid Amount	Bid Preference	Adjusted Bid	Adjusted Rank	1. A&B Construction	\$6,271,514	0%	\$6,271,514	1	3. Shaw Pipeline	\$7,037,860	10%	\$6,334,074	2	2. K.J. Woods Construction	\$6,534,000	0%	\$6,534,000	3	4. Con-Quest Contractors	\$7,629,432	10%	\$6,866,489	4	5. NTK Construction	\$8,276,093	10%	\$7,448,484	5	6. Ranger Pipelines	\$8,801,712	0%	\$8,801,712	6
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<b>Description of Scope of Work:</b>	<p>Contract work locations are in downtown San Francisco with parts of work located in the Port of San Francisco jurisdiction.</p> <p>The contract work consists of:</p> <ul style="list-style-type: none"> <li>• installing new valves and valve-vaults in the sidewalk of the Embarcadero Street, between Broadway and Washington Street;</li> <li>• installing new force main sewer inside an existing sewer box near Washington Street;</li> <li>• installing new force main sewer on Drumm Street from Jackson Street to California Street, on Spear Street from Market Street to Howard Street, and on Howard Street from Spear to Steuart Street; and</li> <li>• installing air-vents and other appurtenances along the new force main alignment.</li> </ul>																																			
<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> </ol>																																			

# **PUBLIC UTILITIES COMMISSION**

City and County of San Francisco

RESOLUTION NO. **09-0206**

WHEREAS, Contract No. WW-483R, North Shore to Channel Force Main Improvement was advertised on October 22, 2009; and

WHEREAS, The Engineer's Estimate is \$7,000,000 for this construction contract work to install approximately 3,500 linear-feet of force main sewers on Drumm Street, Spear Street and Howard Street and construct two valve-vaults in the sidewalk area on The Embarcadero, between Washington and Broadway Streets; and

WHEREAS, The contract duration is 272 consecutive calendar days; and

WHEREAS, Project No. WW-483R, North Shore to Channel Force Main Improvement, was determined to be statutorily exempt from the California Environmental Quality Act (CEQA) under Public Resources Code Section 21080.21; and

WHEREAS, Six (6) bids were received and opened publicly on November 12, 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 A&B Construction as the lowest, qualified, responsible and responsive bidder; and

WHEREAS, A HRC subcontracting goal of 12% 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. WW-483R, North Shore to Channel Force Main Improvement; now, therefore, be it

RESOLVED, That this Commission hereby approves the plans and specifications and awards Wastewater Enterprise Interim CIP Program-funded Contract No. WW-483R, North Shore to Channel Force Main Improvement, in the amount of \$6,271,514, to the lowest, qualified, responsible and responsive bidder, A&B Construction.

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

December 18, 2009

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*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

**MEMORANDUM**

Date: November 30, 2009  
 To: Bessie Tam, Project Manager, PUC  
 Pauline Lam, Contract Administration, PUC  
 Jon Winge, Contract Administration, PUC  
 From: Mindy Lee, Contract Compliance Representative, HRC  
 Subject: WW-483R North Shore to Channel Force Main Improvements

The Human Rights Commission ("HRC") has reviewed the bids submitted for the above referenced project, applied the appropriate bid discounts, and determined responsiveness to Chapter 14B pre-award requirement. A subcontracting goal of 12% was established for this project. The following six firms submitted bids: K.J. Woods Construction; NTK Construction; Con-Quest Contractors; Shaw Pipeline; A & B Construction; and Ranger Pipelines. Below is a summary of HRC's review.

Bidder	Base Bid	LBE Bid Discount	Adjusted Bid with Bid Discount
A & B Construction	\$6,271,514	N/A	\$6,271,514
Shaw Pipeline	\$7,037,860	10% = \$703,786.00	\$6,334,074
K. J. Woods Construction	\$6,534,000	N/A	\$6,534,000
Con-Quest Contractors	\$7,629,432	10% = \$762,943.20	\$6,866,488.80
NTK Construction	\$8,276,093	10% = \$827,609.30	\$7,448,483.70
Ranger Pipelines	\$8,801,712	N/A	\$8,801,712

A & B Construction is the lowest responsive bidder. A & B Construction met the 12% LBE subcontracting goal by listing the following LBE firms:

Subcontractor	Scope of Work	Status	Listed Amount	Amount Credited	Participation (based on credited amount)
Phoenix Electric	Electrical	LBE-MBE	\$73,880	\$73,880	1.178%



Vargas & Esquivel Construction	Paving & patching	LBE-MBE	\$150,000	\$150,000	2.392%
Cal Con Pumping	Concrete pumping	LBE-WBE	\$20,000	\$20,000	0.319%
Lavina Trucking	Trucking	LBE-WBE	\$50,000	\$50,000	0.797%
Power Construction	Vaults 1 & 2, concrete & rebar, piles for both vaults	LBE-OBE	\$252,700	\$112,800	1.799%
Ace Drilling & Excavation	Partial shoring & excavation including vault 1 & 2	LBE-OBE	\$350,000	\$350,000	5.581%
Bauer Transportation	Trucking	LBE-WBE	\$50,000	\$50,000	0.797%
Synergy Project Management	Partial excavation, pipe installation & slip lining	LBE-MBE	\$248,000	\$248,000	3.954%
<b>TOTAL</b>			<b>\$1,194,580</b>	<b>\$1,054,680</b>	<b>16.82%</b>

Based on the foregoing, HRC has determined that A & B Construction has complied with pre-award HRC 14B requirements. Should you have any questions, or if I can be of further assistance, please do not hesitate to contact me at (415) 554-3136.

