



# AGENDA ITEM

## Public Utilities Commission

*City and County of San Francisco*



DEPARTMENT Infrastructure AGENDA NO. \_\_\_\_\_  
 MEETING DATE December 9, 2008

### SUMMARY OF PROPOSED COMMISSION ACTION

**Approve the plans and specifications and award** Contract No. WD-2529, Noe Valley Transmission Main- Phase 2, in the amount of \$5,724,000, to the lowest, qualified, responsible and responsive bidder, KJ Woods Construction Inc.

### DESCRIPTION OF CONTRACT ACTION

Construction contract work is located on Noe Street from 22<sup>nd</sup> to 19<sup>th</sup> Streets, on 19<sup>th</sup> Street from Noe to Sanchez Street, on Sanchez Street from 19<sup>th</sup> Street to Duboce Avenue and on Steiner Street from Duboce Avenue to Haight Street in the City and County of San Francisco, California. The work under this contract consists of furnishing and installing ductile iron pipe water mains and copper service pipes.

#### Detail of Work under this Contract

- WSIP work:
  - Installation of 7,135 linear feet of 24-inch ductile iron pipe and all necessary connections to the existing system and appurtenances such as valves and blow-offs.
  - Restoration of trenches, street paving, and other related work.
- Non-WSIP work:
  - Installation of approximately 6,050 linear feet of 4, 6, 8-inch, and 150 linear feet of 12-inch ductile iron pipe.
  - Installation of 4,100 linear feet of 1-inch and 2-inch copper tubing service pipe.
  - Restoration of trenches, street paving, and other related work.

#### Estimated Contract Cost

The overall baseline budget amount for this construction contract work is \$8,009,831 (\$6,500,000 for WSIP work).

The overall Engineer's Estimate for this construction contract work is \$7,185,940.

The total contract is being recommended for award for \$5,724,000.

#### APPROVAL:

PERFORMING ORGANISATION \_\_\_\_\_

FINANCE Todd Rydstrom

COMMISSION SECRETARY Michael Housh

GENERAL MANAGER Ed Harrington

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**Department:** Infrastructure

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**Contract:** WD-2529, Noe Valley Transmission Main, Phase 2

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Summary Of Project Funds	
Planning	\$163,706
Environmental Review	\$9,916
Design	\$235,291
Construction Contract, WSIP Portion	\$4,351,426
Construction Contract, Non-WSIP Portion	\$1,372,574
Contingency For Construction Contract	\$572,400
Construction Management	\$1,447,800
Project Management	\$338,000
Operations Support	\$163,000
Engineering Support During Construction	\$128,000
Project Fund Balance	\$2,072,718
Total Project Funding	\$10,854,831.00

Project Review Checklist

The attached Project Review Checklist documents all the reviews performed during the planning and design phases of Contract No. WD-2529.

Funding

Funds for this contract (including contingencies) are available from the following projects:

- WSIP portion of work from Project No. CUW313 – Noe Valley Transmission Main-Phase 2, \$4,786,569 (\$4,351,426 + \$435,143 contingency)
- Non-WSIP, water distribution work from Project No. CUW260-Water Main Replacement/Retrofit, \$1,509,831 (\$1,372,574 + \$137,257 contingency).

Environmental Determination

The Planning Department's Major Environmental Analysis Section has determined this construction work to be categorically exempt from environmental review under the California Environmental Quality Act.

Schedule

Construction is anticipated to begin in January, 2009 and end in February, 2010. The time allowance for this contract is 360 consecutive calendar days.

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**Department:** Infrastructure

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Liquidated Damages

The contract provides for assessing liquidated damages of \$2,000 per consecutive calendar day of avoidable delay exceeding the specified time allowance for substantial completion. \$500 per consecutive calendar day of avoidable delay will be assessed for failure to complete final work and submit the closeout documents in the specified time allowance.

Compliance with Affirmative Action Requirement

An HRC subcontracting goal of 14% LBE participation has been established and approved for this contract by the HRC Contract Compliance Officer (CCO) assigned to the SFPUC. The lowest, qualified, responsible and responsive bidder, KJ Woods Construction Inc., is committed to meet the goal of 14% LBE submitted in its bid which meets the HRC goal established.

The CCO has approved this agenda item.

Bid History

The Public Utilities Commission authorized advertising for proposals. The contract was advertised in the San Francisco Chronicle on September 8, 2008.

Sealed bids were received from 4 firms on October 16, 2008, as follows:

Bid Rank	Bid Amount	Adjusted Bid	Adjusted Rank
1. KJ Woods Construction Inc. Construction, Inc.	\$5,724,000	\$5,724,000	1
2. JMB Construction	\$5,741,035	\$5,741,035	2
3. Ranger Pipeline, Inc.	\$5,775,020	\$5,775,020	3
4. D'Arcy & Harty	\$6,935,977	\$6,242,379	4

Protest

There was no protest of the award of this contract.

Contractor Background

- Previous Contracts Awarded: Eight (8) contracts awarded since February 2000. All contracts are closed out.
- LBE Certified: Non-LBE
- Liquidated Damages Assessed: None

Recommendation

SFPUC staff recommends that the Commission adopt the attached resolution.

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**Department:** Infrastructure

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**Contract:** WD-2529, Noe Valley Transmission Main, Phase 2

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## **CONTEXT OF THIS ACTION**

This project provides emergency water supply to the Sunset zone, the City's largest distribution zone. The existing transmission main with only one 24" pipe across Noe Valley will not be able to supply necessary pressure to the North Sunset System, when some of the major transmission mains are out of service. Installation of this additional main will provide enough capacity to supply the north Sunset System and also enables the City Distribution Division (CDD) to increase circulation at the Sunset Reservoir.

In order to minimize the construction impact on the neighborhoods, this project includes the replacement of water distribution mains, constructed between 1876 and 1899 (non-WSIP portion). The replacement of these distribution mains will be funded under the Water Main Replacement/Retrofit Program.

The major portion of this construction project is one of several water system improvement projects approved by San Francisco voters in November 2002 (Water System Improvement Program) to repair, replace, and seismically upgrade the City and County of San Francisco Water System.

## **PROS/CONS**

### PROS

- The Noe Valley Transmission main will be seismically-upgraded and provide a means to supply the City's largest distribution zone in an emergency. Also, this will enable CDD to increase circulation at the Sunset Reservoir.

### CONS

- If this contract is not awarded, the area served by the Noe Valley Transmission Main will continue to be vulnerable and may not have the needed water during emergencies.

## **ATTACHMENTS**

Project Review Checklist  
SFPUC Resolution  
HRC memo

Project Manager:     Saed Toloui

# **PUBLIC UTILITIES COMMISSION**

City and County of San Francisco

RESOLUTION NO. 08-0230

WHEREAS, Contract No. WD-2529, Noe Valley Transmission Main- Phase 2 was advertised on September 8, 2008; and

WHEREAS, The baseline overall budget amount is \$8,009,831 and the Engineer's Estimate is \$7,185,940 for this construction contract work to add/replace transmission and distribution mains and service pipes; and

WHEREAS, The contract duration is 360 consecutive calendar days; and

WHEREAS, The Planning Department's Major Environmental Analysis Section has determined this construction work to be categorically exempt from environmental review under the California Environmental Quality Act; and

WHEREAS, four (4) bids were received and opened publicly on October 16, 2008; and

WHEREAS, SFPUC staff and HRC review of the bids for qualifications, responsibility, responsiveness and application of bid preferences resulted in the establishment of KJ Woods Construction Inc. as the lowest, qualified, responsible and responsive bidder; and

WHEREAS, An HRC subcontracting goal of 14% LBE participation has been established and approved for this contract by the HRC Contract Compliance Officer assigned to the SFPUC. KJ Woods Construction Inc. is committed to meet the LBE goal submitted in its bid which meets the HRC goal established; and

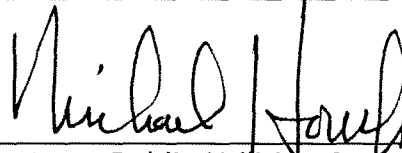
WHEREAS, The firm being awarded a contract by the SFPUC must be in compliance with the Equal Benefits Provisions of Chapter 12B of the City's Administrative Code either at the time of the award, or within 2 weeks of the date of the Commission award; failure of the bidder to obtain compliance certification 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 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 for this contract are available from Project No. CUW313 – Noe Valley Transmission Main- Phase 2, and Project No. CUW260-Water Main Replacement/Retrofit; now, therefore, be it

RESOLVED, That this Commission hereby approves the plans and specifications and awards Water Enterprise Water System Improvement Program-funded Contract No. WD-2529, Noe Valley Transmission Main- Phase 2, in the amount of \$5,724,000, to the lowest, qualified, responsible and responsive bidder, KJ Woods Construction Inc.

*I hereby certify that the foregoing resolution was adopted by the Public Utilities Commission at its meeting of* \_\_\_\_\_ *December 9, 2008*



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*Secretary, Public Utilities Commission*

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

PROJECT INFORMATION			
Project Name: <u>WD-2529 Noe Valley Transmission Main</u>	Project No.: <u>CUW31301</u>		
Region: <u>SF Local</u>	Date: <u>8/8/2008</u>		
PM Name: <u>Saed Toloui</u>	PM Phone No.: <u>551- 4586</u>		
PE Name: <u>Thanh Nguyen</u>	PE Phone No.: <u>550-4920</u>		
Design Performed By: <input type="checkbox"/> SFPUC	<input checked="" type="checkbox"/> City Department	<input type="checkbox"/> Consultant	
(check all that apply)			
REQUIRED REVIEWS			
<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>CDD and EMB</u> Date: <u>2/20/2007</u>		
CER By: <u>N/A</u> Date: _____	65%: By: <u>CDD and EMB</u> Date: <u>4/27/2007</u>		
DCR By: <u>N/A</u> Date: _____	95%: By: _____ Date: _____		
<b>Cost Estimate Reviews</b>	<input checked="" type="checkbox"/> All Completed	<input type="checkbox"/> Some Completed	<input type="checkbox"/> None Completed
65%: By: <u>Parsons</u> Date: <u>4/8/2008</u>	95%: By: <u>Parsons</u> Date: <u>7/17/2008</u>		
<b>Independent Technical Reviews</b>	<input checked="" type="checkbox"/> All Completed	<input type="checkbox"/> Some Completed	<input type="checkbox"/> None Completed
35%: By: _____ Date: _____	95%: By: <u>CDM</u> Date: <u>6/30/2008</u>		
65%: By: <u>CDM</u> Date: <u>5/26/2008</u>			
<b>Constructibility Reviews</b>	<input checked="" type="checkbox"/> All Completed	<input type="checkbox"/> Some Completed	<input type="checkbox"/> None Completed
35%: By: _____ Date: _____	95%: By: <u>CMB</u> Date: <u>6/3/2008</u>		
65%: By: <u>CMB</u> Date: <u>5/15/2008</u>			
<b>Steering Committee Reviews</b>	<input checked="" type="checkbox"/> All Completed	<input type="checkbox"/> Some Completed	<input type="checkbox"/> None Completed
AAR: By: _____ Date: _____	95%: By: <u>N/A*</u> Date: _____		
CER: By: <u>Steering Committee</u> Date: <u>6/27/2007</u>			
Important: If "All Completed" box is not checked for all required reviews, attach explanation to checklist.			
AS NEEDED REVIEWS			
<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: _____			
SIGNATURES			
Project Manager (PM): _____			Date: <u>9/8/08</u>
Project Engineer (PE): _____			Date: <u>9/18/08</u>
WSIP Director: _____			Date: <u>9/30/08</u>

\* Not completed due to project size and scope has not changed since CER Steering Committee review. PM and WSIP Director agreed to waive this review.



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: November 4, 2008

To: Saed Toloui, Project Manager, PUC  
Jon Winge, Contract Analyst, PUC

From: James Soncuya, Contract Compliance Officer, HRC

Subject: WD-2529, Noe Valley Transmission Main – Phase II

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*HRC has reviewed the bids, the application of the appropriate discounts/bonuses, and determined responsiveness to Chapter 14B.*

*Bid Discount*

D'Arcy & Harty was the only firm eligible for a 10% bid discount.

**Bids**

Four firms submitted bids as follows:

Bidder	Status	Base Bid	Adjusted Bid Taking Into Account Bid Discount
KJ Woods Construction Inc.	Non-LBE	\$5,724,000	\$5,724,000
JMB Construction	Non-LBE	\$5,741,035	\$5,741,035
Ranger Pipelines	Non-LBE	\$5,775,020	\$5,775,020
D'Arcy & Harty	LBE	\$6,935,977	\$6,242,379.30

KJ Woods Construction Inc. met the 14% LBE subcontracting goal by listing the following LBE firms:



25 Van Ness Avenue  
Suite 800  
San Francisco  
California 94102-6033



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





<b>Subcontractor</b>	<b>Status</b>	<b>Listed Amount</b>	<b>Participation</b>
Euro-Tech Construction	LBE	\$455,000	7.95%
Esquivel Grading & Paving	LBE	\$233,000	4.07%
Bay Line Cutting	LBE	\$50,000	0.87%
Costello Trucking	LBE	\$75,000	1.31%
<b>TOTAL</b>		<b>\$813,000</b>	<b>14.2%</b>

Based on the foregoing, HRC has determined that KJ Woods Construction Inc. has complied with pre-award HRC 14B requirements and is eligible for award of this contract.

Should you have any questions, or if I can be of any further assistance, please do not hesitate to contact me at 554-3106.



25 Van Ness Avenue  
Suite 800  
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California 94102-6033



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