

STAFF REPORT



ITEM NO. **B**
CITY OF OCEANSIDE

DATE: October 3, 2012

TO: Honorable Mayor and City Councilmembers

FROM: Water Utilities Department

SUBJECT: **AUTHORIZATION TO AWARD A CONTRACT IN THE AMOUNT OF \$428,488 TO NEWEST CONSTRUCTION COMPANY, INC., FOR THE CONSTRUCTION OF THE HARBOR LIFT STATION NO. 4 FORCE MAIN REPLACEMENT PROJECT**

SYNOPSIS

Staff and the Utilities Commission recommend that the City Council award a contract in the amount of \$428,488 to NEWest Construction Company, Inc., of San Diego to construct the Harbor Lift Station No. 4 Force Main Replacement project located north of the San Luis Rey River and east of the Pacific Street Bridge at Harbor Drive South; and authorize the City Manager to execute the agreement upon receipt of all supporting documents.

BACKGROUND

When the Harbor was created in 1961, the entire existing utility infrastructure as it exists today was installed, including the lift stations and sewer force-mains. Since this time, the Harbor has been responsible for the operation and maintenance of the existing infrastructure. An agreement between the Harbor and the Water Utilities Department stipulates that upon the completion of either the lift station or force main improvements the Water Utilities Department would assume ownership and take over the operation and maintenance of the system moving forward.

Harbor Lift Station No. 4 consists of an existing 8-inch cast iron sewer force main which connects with North Bridge Lift Station (Exhibit A) and sends sewage to the La Salina Wastewater Treatment Facility for processing. The length of the existing force main is approximately 400 linear feet and is situated in Harbor Drive and underneath the North County Transit District's (NCTD) railroad right-of-way. Cast iron piping is susceptible to corrosion which can occur and can weaken the pipe wall over time. In addition, rust tends to accumulate in cast iron pipe thus creating a blockage over time and less carrying capacity. This sewer force main has reached the end of its useful life and needs to be replaced to ensure continued service.

The proposed project consists of replacing approximately 400 linear feet of 8-inch cast iron force main with approximately 400 linear feet of 8-inch C900 PVC and ductile iron force main and associated mechanical work within the Harbor No. 4 and North Bridge lift stations. The 8-inch ductile iron force main will be enclosed in a steel casing that will be installed across the NCTD right-of-way. With a typical force main installation, the

pipe can be installed via open trench construction. However, both NCTD and the City require that anytime a pipe is installed under an existing roadway or railroad track, a "sleeve" or "casing" pipe must be installed by the jack and bore method of construction. Once the casing is installed, the force main "carrier" pipe is installed inside of the casing. The casing pipe protects the active force main from being crushed. Staff estimates that construction of the project will take approximately four months.

The project is exempt from the California Environmental Quality Act requirements.

On September 22, 2010, the City Council approved the plans and specification for the construction of the Harbor Lift Station No. 4 Force Main Replacement project and authorized the City Engineer to call for bids.

On October 28, 2010, four bids were received and opened for the Harbor Lift Station No. 4 Force Main Replacement project. After analyzing the bids and considering the best interest of the City, on December 22, 2010, City Council approved rejecting all bids and re-bidding the project at a future date.

On June 20, 2012, City Council again authorized the City Engineer to call for bids after a review and update of the engineer's estimate and updated budget amount.

ANALYSIS

On August 2, 2012, two bids were received by the Water Utilities Department (Exhibit B). The apparent low bidder is NEWest Construction Company, Inc., of San Diego with a bid of \$428,488. Staff has reviewed the bid submitted by NEWest Construction Co., Inc., and finds that the bid bond and references are in accordance with City standards.

FISCAL IMPACT

The FY 12/13 available budget for the Force Main Harbor Lift Station fund (910539400751.5305.10100) is \$450,000. This project is funded by the Harbor & Beaches Division; no funds from Water Utilities will be used for this project.

The engineer's estimate for construction of this project is \$395,000; therefore, sufficient funds are available.

CITY ATTORNEY'S ANALYSIS

The bid documents were previously reviewed by the City Attorney and approved as to form. The construction contract must be awarded to the lowest responsible bidder. The Public Contract Code defines "responsible bidder" as a bidder who has demonstrated the attributes of trustworthiness as well as quality, fitness, capacity, and experience to satisfactorily perform a public works contract. The City Council also has the discretion to reject all bids and re-advertise.

INSURANCE REQUIREMENTS

The City's standard insurance requirements will be met.

COMMISSION OR COMMITTEE REPORT

The Utilities Commission approved staff's recommendation at its regularly scheduled meeting on September 18, 2012.

RECOMMENDATIONS

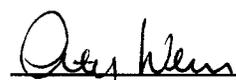
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PREPARED BY:



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SUBMITTED BY:



Peter A. Weiss
City Manager

REVIEWED BY:

Michelle Skaggs Lawrence, Deputy City Manager

Cari Dale, Water Utilities Director

Frank Quan, Harbor & Beaches Coordinator

Teri Ferro, Financial Services Director





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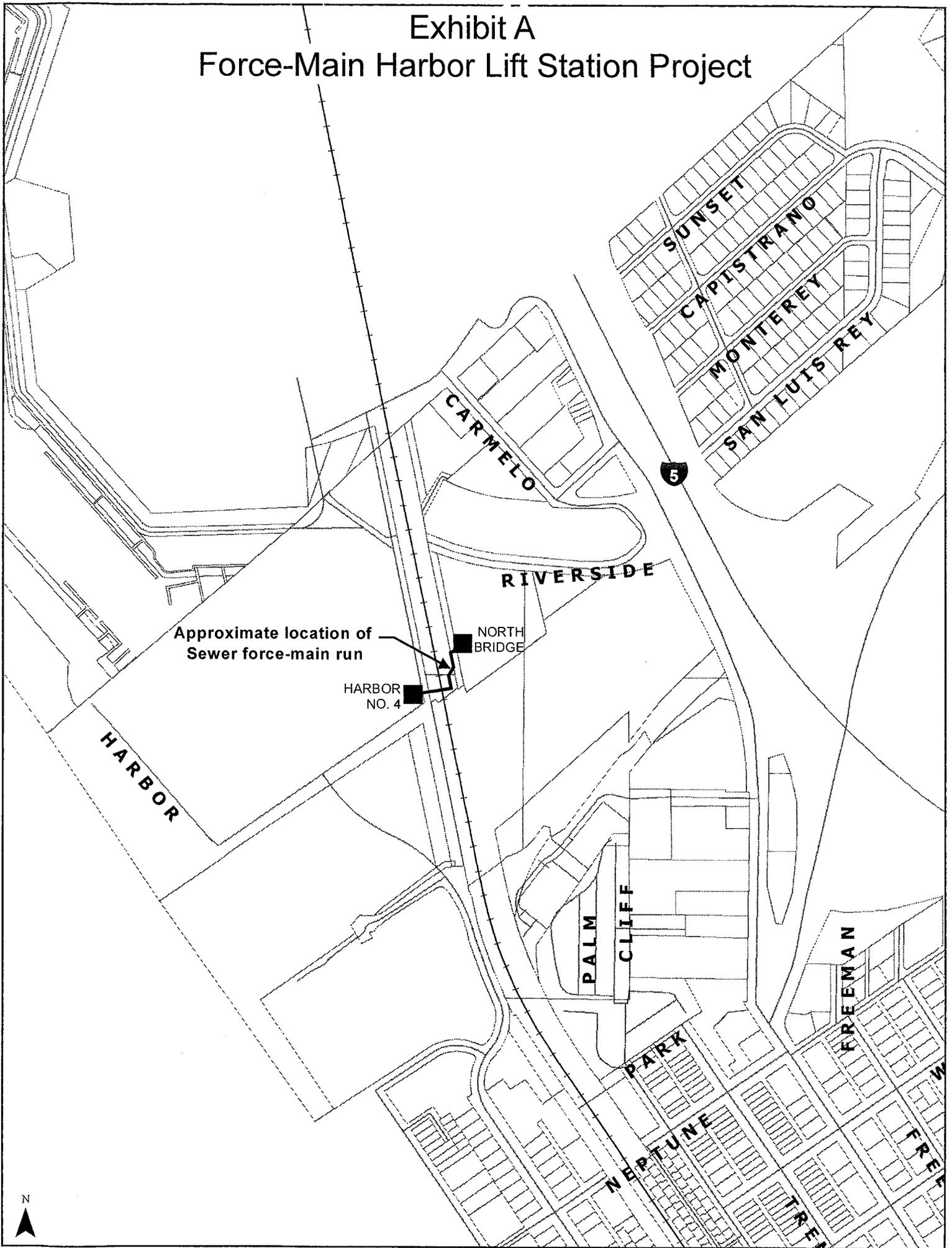


Exhibit A: Site Map

Exhibit B: Bid Results

Exhibit A

Force-Main Harbor Lift Station Project



Harbor Lift Station No. 4 Force Main Replacement
(910539400751)

EXHIBIT B

August 2, 2012 BID RESULTS

Bid Item	Description	Quantity	Unit	Engineer's Estimate		NEWest Const. Co., Inc.		Don Hubbard Cont. Co	
				Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
3.5 BID SCHEDULE									
1	Mobilization & Demobilization	1	LS		20,000.00	15,192.00	15,192.00	30,500.00	30,500.00
2	Perform Exploratory Excavations for Underground Utilities	1	LS		10,000.00	10,245.00	10,245.00	16,600.00	16,600.00
3	Traffic Control	1	LS		5,000.00	3,307.00	3,307.00	2,500.00	2,500.00
4	Prepare SWPPP and Provide Erosion Control	1	LS		12,000.00	7,398.00	7,398.00	9,500.00	9,500.00
5	Groundwater Dewatering	1	LS		100,000.00	75,710.00	75,710.00	186,330.00	186,330.00
6	Sewer Bypass Pumping	1	LS		10,000.00	8,583.00	8,583.00	19,500.00	19,500.00
7	Trench Sheet piling, Shoring, & Bracing	1	LS		30,000.00	122,758.00	122,758.00	8,800.00	8,800.00
8	Lift Station No. 4 & North Bridge Wet Well Mechanical & Piping Improvements	1	LS		30,000.00	25,036.00	25,036.00	70,050.00	70,050.00
9	Construct 8" PVC (C900) Sewer Force Main	168	LF	310.00	52,080.00	245.00	41,160.00	480.00	80,640.00
10	Construct 8" DI Sewer Force Main with 24" Steel Casing	192	LF	600.00	115,200.00	600.00	115,200.00	920.00	176,640.00
11	Remove & Replace Sidewalk, CMU Walls, Curb & Gutter	1	LS		9,920.00	2,073.00	2,073.00	13,000.00	13,000.00
12	Preconstruction Videotapes & Photographs	1	LS		800.00	1,826.00	1,826.00	1,500.00	1,500.00
TOTAL BID SCHEDULE									
Percent of Engineer's Estimate					395,000.00	428,488.00	428,488.00	615,560.00	155.8%
RANKING									
							1		2
LISTED SUBCONTRACTORS									
5	Dewatering								
9	Directional Drilling					Viking Drill			
10	Jack & Bore					Golden State Boring		Golden State Boring	
Addendum No. 1 Acknowledged									
						yes		yes	