

NORTH VALLEY REGIONAL WATER INFRASTRUCTURE WATER MAIN AND RELATED FACILITIES, LANCASTER, CA, US ARMY CORPS OF ENGINEERS

\$4,636,148

North Valley Infrastructure Water Main, Lancaster, CA W912PL-06-C-0009



Award Date: 06/21/2006 **Completion Date:** 05/28/2007
Award Amount: \$4,657,348.00 **Final Contract Price:** \$4,636,148.00
Customer/Owner Name U.S. Army Corps of Engineers
Point of Contact: Galen Cline, Contracting Officer **Phone Number:** (661) 265-7222
E-mail address: Galen.M.Cline@spl01.usace.army.mil

Provide a detailed description of the project. This project incorporated design and general construction. CJW Construction, Inc. successfully constructed the North Valley Regional Water Infrastructure 36" Waterline Project is located in the City of Lancaster, Antelope Valley, California. The project is 2.2 miles long and extends from approximately Sierra Hwy to 20th Street East.

The goal of the project was to connect to an existing 36" water main and extend it to 20th street East for future City expansion. The 36" system tied into many other water mains which required close coordination with the USACE, City of Lancaster, Los Angeles County Waterworks Department and other users. CJW tapped into the existing systems. The 36" steel, concrete coated, cement lined waterline was installed in 48' lengths that weighed 14,000 pounds. These oversized sticks (normal length 20 to 30-ft) of pipe were set-to-grade with a large excavator and welded in-place. The pipe was backfilled with Portland cement slurry by utilizing an on-site mobile batch plant to insure a quality backfill and a better finished product that would provide the most longevity for the City of Lancaster.

As the project progressed, CJW Construction constructed two (2) large reinforced concrete poured in-place vaults. These vaults housed the various valves, cathodic protection, and controls. CJW also constructed many poured in-place catch basins, curbs and gutters, concrete median paving, concrete roadway installation, and other related work.

CJW also reconstructed a new road. The original plan for the road was to replace a North bound lane that was eaten up by the excavation for pipe, and leave the old county side of the road that was badly in need of repair. Instead, CJW worked with the USACE, submitting several design proposals which were approved by the City of Lancaster

Architecture/Engineer, to provide a new road with new alignment at no additional cost to the Government. Among these design recommendations was the changing of the steel water pipe construction from rubber gasket bell and spigot joints to a fully welded-joint pipe system; encasing the pipe in concrete slurry rather than bedding the pipe in sand; and providing a permanent road improvement to one (1) of the City of Lancaster's main highways by recommending that a "temporary construction lane" be constructed as a permanent lane and that a new asphalt cap be provided over 1,500 feet of the highway. This recommendation resulted in straightening out an existing dog-leg in the highway which improved traffic safety and also provided the City with 1,500 feet of new asphalt paving on an old and badly worn traffic surface. Upon completion of the roadway, striping and markers were included.



Outstanding CCASS Evaluation from Owner



NORTH VALLEY REGIONAL WATER INFRASTRUCTURE WATER MAIN AND RELATED FACILITIES, LANCASTER, CA, US ARMY CORPS OF ENGINEERS
\$4,636,148



FOR OFFICIAL USE ONLY (WHEN COMPLETED)

PERFORMANCE EVALUATION (CONSTRUCTION)	1. CONTRACT NUMBER W912PLO6C0009 NA
	2. DUNS NUMBER 113238971

IMPORTANT: Be sure to complete Part III - Evaluation of Performance Elements on reverse.

PART I - GENERAL CONTRACT DATA

3. TYPE OF EVALUATION (X one)		4. TERMINATED FOR DEFAULT	
<input type="checkbox"/> INTERIM (List Percentage _____%)	<input checked="" type="checkbox"/> FINAL	<input type="checkbox"/> AMENDED	<input type="checkbox"/>
5. CONTRACTOR (Name, Address, and ZIP code) CJW Construction, Inc. 841 E Washington Ave. Unit B Santa Ana CA 92701 NAICS Code: 000000		6.a. PROCUREMENT METHOD (X one)	
		<input checked="" type="checkbox"/> SEALED BID	<input type="checkbox"/> NEGOTIATED
		b. TYPE OF CONTRACT (X one)	
		<input checked="" type="checkbox"/> FIRM FIXED PRICE	<input type="checkbox"/> COST REIMBURSEMENT
<input type="checkbox"/> OTHER (Specify)			

7. DESCRIPTION AND LOCATION OF WORK
Project consists of construction of approximately 3.3 miles of 36" water pipeline. Appurtenant items will include valves, vaults, bedding materials, pipe connections, and cathodic protection monitoring stations. Associated work will consist of excavation and disposal of excess soils; demolition and replacement of AC pavements, curbs, and concrete storm drains; construction of temporary tortoise fencing; and relocating chain link fencing and utility poles.

8. TYPE AND PERCENT OF SUBCONTRACTING

18%	Water Distribution
17%	Plumbing
4%	Concrete
1%	Asphalt Paving
1%	Fencing
1%	Surveying

9. FISCAL DATA	a. AMOUNT OF BASIC CONTRACT \$4,657,348	b. TOTAL AMOUNT OF MODIFICATIONS \$0	c. LIQUIDATED DAMAGES ASSESSED \$0	d. NET AMOUNT PAID CONTRACTOR \$4,636,148
10. SIGNIFICANT DATES	a. DATE OF AWARD 06/21/2006	b. ORIGINAL CONTRACT COMPLETION DATE 05/28/2007	c. REVISED CONTRACT COMPLETION DATE 05/28/2007	d. DATE WORK ACCEPTED 06/07/2007

PART II - PERFORMANCE EVALUATION OF CONTRACTOR

11. OVERALL RATING (X appropriate block)

OUTSTANDING ABOVE AVERAGE SATISFACTORY MARGINAL UNSATISFACTORY (Explain in item 20 on reverse)

12. EVALUATED BY

a. ORGANIZATION ((Name and Address (Include Zip Code)) USACOE 40015 Sierra Highway, Suite B-145, Palmdale, CA 93550	b. TELEPHONE NUMBER (Include Area Code) 661-265-7222 - 242
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c. NAME AND TITLE Galen Cline Construction Representative	d. SIGNATURE 	e. DATE 23 August, 2007
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13. EVALUATION REVIEWED BY

a. ORGANIZATION ((Name and Address (Include Zip Code))	b. TELEPHONE NUMBER (Include Area Code)	
c. NAME AND TITLE	d. SIGNATURE	e. DATE

14. AGENCY USE (Distribution, etc.)





DEPARTMENT OF THE ARMY
Los Angeles District, CORPS OF ENGINEERS
High Desert Area Office
40215 Sierra Highway, Suite B-145
Palm Springs, CA 92350

REPLY TO
ATTENTION OF

June 11, 2007

- C-0019

Subject: Letter of Recommendation for CJW Construction, Inc.
RE: Contract No. W912PL-06-C-0009, N. Valley Regional Water
Infrastructure, City of Lancaster, CA

To Whom It May Concern,

It is with pleasure that I submit this letter of recommendation for CJW Construction, Inc., in reference to the outstanding work they performed for the North Valley Regional Water Infrastructure Contract. This contract consisted of the construction of approximately 3.3 miles of 36" diameter potable water pipeline, to include appurtenant items such as valves, laterals, underground vaults, and a cathodic protection monitoring system. The work also included asphalt milling, paving, and demolition and reconstruction of concrete curbs, storm drains, center islands, and sidewalks.

CJW Construction's project management staff, to include quality control, safety, and field supervisor, did an outstanding job of maintaining construction quality, while performing 12,000 man-hours of construction and 7,000 hours of heavy equipment operation without a single loss time accident. The project management staff also did an outstanding job of coordinating with County, City, and Corps of Engineer construction inspectors and engineering staff. Punch-list items identified by the City, County, and Corps of Engineer inspectors were corrected immediately, on-the-spot, and without question. During the performance of this job, the City and County construction inspectors repeatedly advised me of how impressed they were with CJW Construction's quality of work; the skill of their field crews and equipment operators; the expertise and knowledge of the work being performed; and the construction crews ability to overcome and solve day-to-day construction problems and obstacles without compromising quality.

CJW Construction's project management staff also did an outstanding job of maintaining construction records, to include RMS reports, weekly project status reports, labor-hour reporting, and safety reports. As-built red-line drawings were also maintained up-to-date in a highly professional manner.

CJW Construction's project management staff submitted a number of suggestions to the Government regarding design changes and construction methods that greatly improved the quality of the project. Most notable among these suggestions was changing the main pipeline from compression coupling assembly to mortar-lined welded-seam pipe. Not only did this result in a superior product that will require less maintenance and have a longer life expectancy, it was accomplished at no additional cost and it saved on construction time (which was a benefit to both CJW Construction and the Government). Another notable suggestion that greatly improved the end-product was a suggestion made by CJW Construction to repair and overlay two lanes of a section of main highway in lieu of installing and removing one temporary lane as noted in the contact plans. This suggestion resulted in a quality improvement because two lanes of roadway were repaired and paved in lieu of only one; and because CJW Construction and the Government were both able to compromise and make give-and-take concessions, the work was accomplished at no additional cost.

Again, I express my sincere appreciation for the outstanding job CJW Construction's project management staff and highly skilled workers did on the North Valley Regional Water Infrastructure Contract and I highly recommend CJW Construction be considered for future work of this nature.

If you wish to contact me regarding my recommendation, please do so. My office number is 661-265-7222, Ext. 242 and my cell number is 661-209-7811.

Sincerely,

Galen M. Cline
Contracting Officer Representative
US Army Corps of Engineers

