

APPROVED
 By the Board of Directors of
 The Metropolitan Water District
 of Southern California
 at its meeting held

7-6

**MWD**

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

JUL - 9 1996

Steven Chen
 EXECUTIVE SECRETARY

June 18, 1996

To: Board of Directors (Engineering and Operations Committee--Action)

From: General Manager *William Horn*

Submitted by: Gary M. Snyder
 Chief Engineer *Gary M. Snyder*

Subject: Award of Contract in the Amount of \$882,000 to Merco Construction Engineers, Inc., for Construction of Roofs, Catwalks, and Miscellaneous Steel Structures for the Aqua Ammonia and Caustic Facility at F. E. Weymouth Filtration Plant and the Ammonia Facility at the Joseph Jensen Filtration Plant

RECOMMENDATION

It is recommended that your Board award a construction contract in the amount of \$882,000, to Merco Construction Engineers, Inc. (Merco), for fabrication, delivery and erection of structural steel, miscellaneous metalwork, and fiberglass reinforced plastic products for roofs, catwalks, and miscellaneous steel structures for the aqua ammonia and caustic facility at the F. E. Weymouth filtration plant and the ammonia facility at the Joseph Jensen filtration plant, in accordance with Specifications No. 1290, as amended, and that all other bids be rejected, conditioned upon execution of the contract.

EXECUTIVE SUMMARY

Approval of this recommendation will authorize the award of a fixed price contract in the amount of \$882,000 to Merco, the low bidder of this advertisement. The proposed contract work will consist of roof construction and miscellaneous steel structures to complete the relocation work for the ammonia and caustic facility at the Weymouth filtration plant and at the ammonia facility at the Jensen filtration plant. Award of this contract will be the second and final construction contract to be awarded under Metropolitan's Chemical Containment Program. Funds have been approved and are available under Appropriation No. 603.

BRIEF DESCRIPTION

Six bids were received and opened under Specifications 1290, as amended, for the construction of roofs, catwalks, and miscellaneous steel structures at the F. E. Weymouth and Joseph Jensen filtration plants. These bids are shown in the Abstract of Bids on Attachment A. The low bid of Merco Construction Engineers Inc., in the amount of \$882,000, complies with the requirements of the specifications, and is \$92,628 below the next lowest bid, and \$78,000 below the engineer's estimate.

<p>Contract Type</p> <p><input checked="" type="checkbox"/> New</p> <p><input type="checkbox"/> Amended</p> <p>Contract Form</p> <p><input type="checkbox"/> Lease</p> <p><input type="checkbox"/> Professional Services</p> <p><input checked="" type="checkbox"/> Construction</p>	<p>Funding</p> <p><input checked="" type="checkbox"/> Capital - Appropriation No. 603</p> <p><input type="checkbox"/> O & M</p> <p>Budget Status</p> <p><input checked="" type="checkbox"/> FY 96-97 Amount \$2,261,100</p> <p><input checked="" type="checkbox"/> Out-Year Amount \$8,335,100</p> <p><input type="checkbox"/> Nonbudget Amount</p>	<p>Type of Competition</p> <p><input checked="" type="checkbox"/> Competitive Bidding Specifications No. <u>1290</u></p> <p><input type="checkbox"/> Negotiated Contract</p> <p><input type="checkbox"/> Sole Source</p>
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PURPOSE/BACKGROUND

Metropolitan's Chemical Containment Program consists of design and construction of containment facilities for reducing, eliminating, or preventing chemical-spill hazards at filtration plants, pumping plants, hydroelectric power plants, reservoirs, and maintenance areas where chemicals are handled and stored. Work under this program consists of designs by consultant and Metropolitan staff, purchase of materials and equipment, construction of containment vessels, chemical storage and feed systems modifications, tank farm relocations, chemical loading/unloading pads, tank farm roofs, and other structures and facilities.

Construction of the tank farm roofs is to prevent toxic run-off and/or the accumulation of contaminated rainwater in and around chemical storage facilities and feed systems during storms. Without the roofs, storm water coming into contact with toxic chemicals would require retention and disposal. The catwalks, stairs, ladders, and miscellaneous steel structures are required for accessing the storage tanks, feed system equipment, and instrumentation. The design of the roofs, catwalks, and miscellaneous steel structures for the Weymouth and Jensen filtration plants was completed by John Carollo Engineers in June 1993, and June 1994, respectively.

ALTERNATIVES TO PROPOSED ACTION

The alternative to the proposed action would be not to complete the construction work; however, the new aqua ammonia and caustic facilities at Weymouth and the ammonia facility at Jensen are already in place. This would leave the facilities without the required catwalks, stairs, ladders, and other proposed structures to access and maintain the valves and instruments on the tanks. In addition, not constructing the proposed roofs over the facilities would require the construction of facilities to contain and dispose of contaminated storm water at significant cost.

ACTION AND MILESTONES

The Notice Inviting Bids was advertised under Specifications No. 1290 on May 15, 1995. Bids were received and opened on June 19, 1996. Construction is scheduled to start in early August 1996, and to be completed by August 1997.

MBE/WBE

The specifications, as amended, require the successful bidder to subcontract a minimum of 23 percent to qualified subcontractors. The anticipated levels of participation for Minority-owned Business Enterprise (MBE) and Women-owned Business Enterprise (WBE) were established at 13 percent and 4 percent, respectively. Merco Construction Engineers, Inc., is the low bidder and has committed to achieve a total of 78.34 percent subcontracting, including a certified 8.05 percent MBE and 0.0 percent WBE. The contractor's documentation of good-faith was reviewed by the Business Outreach Office and deemed acceptable in meeting the criteria set forth in the specifications.

CEQA COMPLIANCE/ENVIRONMENTAL DOCUMENTATION

This project consists of alteration of existing facilities involving no expansion of use beyond that previously existing; therefore, this action is exempt from the provisions of the California Environmental Quality Act.

<p>Plan and Bid Statistics <u>30</u> Contractors Requested Plans <u>6</u> Bids Submitted</p>	<p>Evaluation Criteria Low bid that meets requirements of the specifications. Bidders qualifications and MBE/WBE participation are also considered.</p> <p>Contractual Details <input checked="" type="checkbox"/> Anticipated Duration 270 Days <input type="checkbox"/> Hourly Rates <input checked="" type="checkbox"/> Prevailing Wage Rates Will Apply</p>
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DWC:bm (rev8)
(APP603a)

Attachments

The Metropolitan Water District of Southern California

**ABSTRACT OF BIDS RECEIVED JUNE 19, 1996 AT 10:00 A.M.
Specifications No. 1290, as amended**

**F. E. Weymouth and Joseph Jensen Filtration Plants
Aqua Ammonia and Caustic Facilities Roof, Catwalk, and Miscellaneous Steel Structures**

This project consists of fabrication, delivery, and erection of structural steel, miscellaneous metalwork, and fiberglass reinforced plastic products for the roof, catwalk, and miscellaneous steel structures for the ammonia and caustic facility at the F. E. Weymouth Filtration Plant and the ammonia facility at the Joseph Jensen Filtration Plant. Structural steel items include columns, base plates, grout, girders, beams, bracing, platform framing, stairs, handrails, ladders, grating, and metal roof decking. All appurtenant work is included.

Engineer's Estimate: \$960,000.00

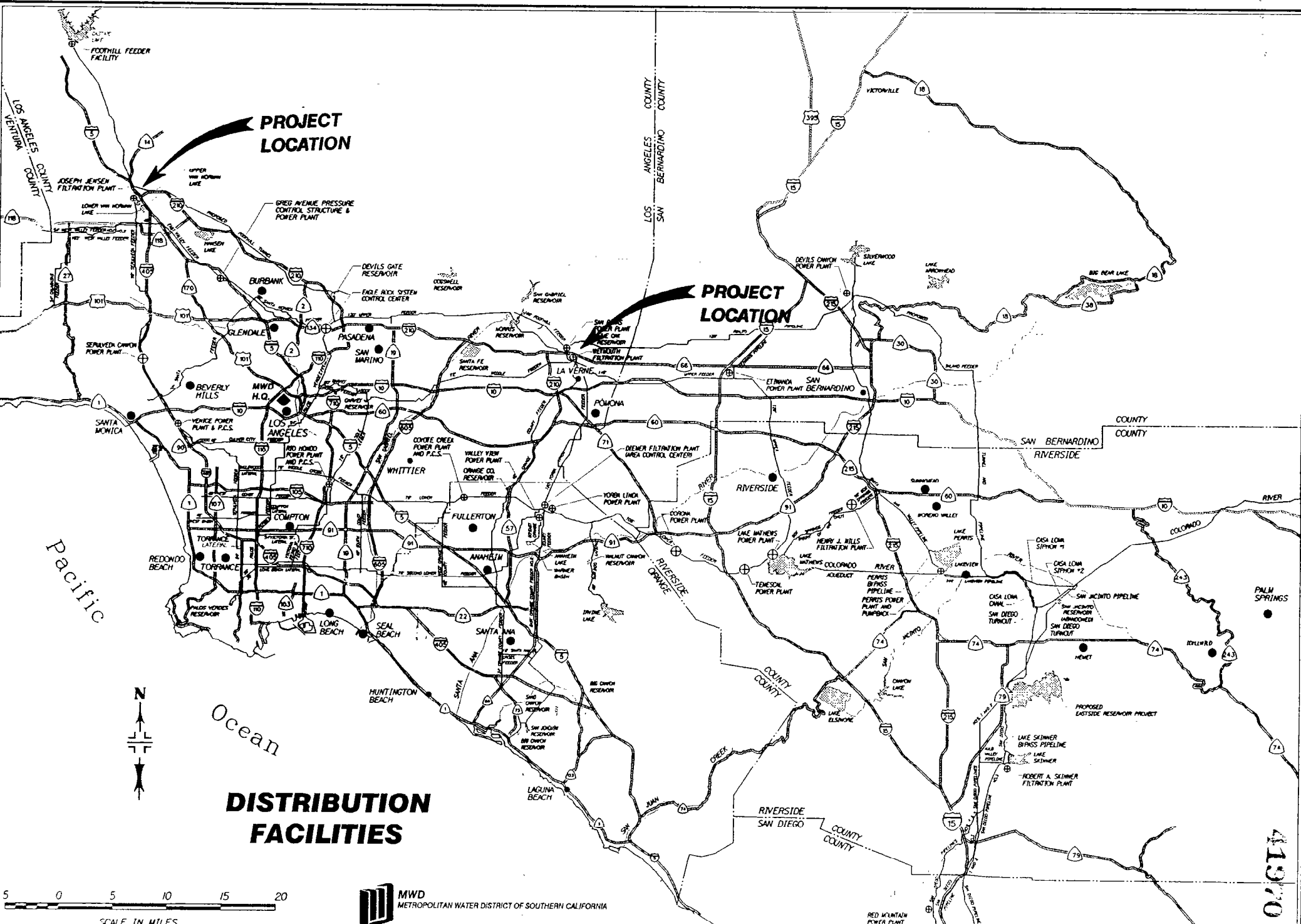
Bidder & Location	Item 1 Weymouth Mobilization	Item 2 Jensen Mobilization	Item 3 Weymouth Ammonia & Caustic Facility	Item 4 Jensen Ammonia Facility	Total 1 - 4
Merco Construction Engineers, Inc. - Camarillo, California	\$22,500.00	\$22,500.00	\$447,000.00	\$390,000.00	\$882,000.00
American Bridge Company - Long Beach, California	\$22,500.00	\$22,500.00	\$530,836.00	\$398,792.00	\$974,628.00
Ed Layton Construction Company, Inc. - Walnut, California	\$22,500.00	\$22,500.00	\$516,694.00	\$459,786.00	\$1,021,480.00
EMMA Corporation - Santa Monica, California	\$22,500.00	\$22,500.00	\$514,000.00	\$464,000.00	\$1,023,000.00
Stevens Construction, Inc. - Lancaster, California	\$22,500.00	\$22,500.00	\$588,000.00	\$485,000.00	\$1,118,000.00
Sampson Steel Constructors, Inc. - Bakersfield, California	\$22,500.00	\$22,500.00	\$801,000.00	\$950,000.00	\$1,796,000.00

MBE/WBE PARTICIPATION
Spec. No. 1290, as Amended

Name of Bidder: Merco Construction Engineers, Inc.

PARTICIPATION LEVELS: 13 Percent MBE and 4 Percent WBE

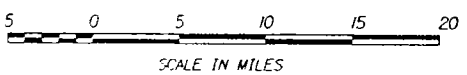
Name of Certified MBE/WBE Subcontractor/Supplier	Work to Be Performed or Materials To Be Supplied	Participation	
		MBE%	WBE%
<i>Tarin</i>	<i>Coatings</i>	8.05	0
Total Participation		8.05	0



PROJECT LOCATION

PROJECT LOCATION

DISTRIBUTION FACILITIES



MWD
METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

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