

BID & TECHNICAL SPECIFICATIONS

CITY OF LYNWOOD PROJECT TITLE:

**REQUEST FOR PROPOSAL TO
REPLACE THE WATER DISTRIBUTION SAMPLE STATIONS**

PROJECT NO: TBD

DESCRIPTION:

Drinking water regulations have undergone major and dramatic changes during the past two decades, and trends indicate that they will continue to become more stringent and complicated.

In 2015 the City of Lynwood authorized and accepted the Water Quality Monitoring Program Improvement Plan. This plan is to be monitored quarterly and is our systems protocol on Distribution System Sampling to maintain water quality. This plan is required by the Safe Drinking Water Act and monitored by the Department of Drinking Water (DDW).

The Water Utility Department is mandated to sample the distribution system once a week at 18 various sites throughout the city. Our bacteriological samples represent the water quality in our system. The condition of the current water quality sampling stations need to be corrected to avoid the potential of contamination. Condition of station adds to probability of sample contamination. The sample line should be copper or stainless steel – not tubing. Sample stations should have a dedicated line to the distribution system. Most of the sample stations are sampled off an existing customer service lines, which are not designed to be an optimal desired environment.

The proposal will request a mapping of the distribution lines, removal of current sample lines, and construction of new sample lines on dedicated distribution lines.

SCOPE OF WORK:

1. Review - Review any records needed and complete onsite field visits that will assist in the preparation of optimizing sample collection sites.
2. Condition Assessment of Existing Sample Sites - Conduct a basic condition assessment of the current 18 sample sites for condition, efficiency, compliance with code and safety requirements, and integrity.
3. Work with City of Lynwood Water Utility Staff utilizing the attached drawings for recommendations for the new sample site improvements and locations.
4. Create system distribution maps with the future recommended sample sites. Include all as-built drawings of all sample line sites.
5. Submit construction costs and schedule to take off-line recommended sample sites and adding the newly recommended sample site locations to the distribution system.

- END OF BID SPECS -

All drawings and design specifications shall be in accordance with the requirements of the City of Lynwood. All specifications and drawings shall be subject to final review and acceptance by the City Engineer of the City of Lynwood.

The Bidder shall provide a proposed Project Schedule depicting the time of completion for the Project. The schedule shall include the number of calendar days required to perform each task and the total number of calendar days required to complete the entire project. The schedule should be coordinated with the design review dates as hereinafter indicated in this RFP.

The Bidder is responsible for addressing all plan review comments at each of the formal submittals and throughout the plan preparation process. The City anticipates a period of one (1) week of review for each submittal. The City will require review meetings at each of the submittals described above.

The Bidder shall provide complete copies of draft report and documents as necessary for the City to complete the review process.

The Bidder shall attend at least one meeting per month with City staff to discuss project progress and to review the Bidder's current request for payment.

Bidder shall provide the City with one electronic copies and two (2) copies of the final mapping and which shall be produced in a manner approved by City.

The Bidder shall assign a responsible representative and an alternate to perform the assigned tasks. Both shall be identified in the proposal. The Bidder's representative will remain in responsible charge of all duties from contract negotiations through project completion. If the primary representative is unable to continue with the project, then the alternate representative will become the primary representative. Any other changes in responsible representative must be approved, in advance, by the City. The City will have the right to reject other proposed changes in personnel, and may consider any other changes in responsible personnel a breach of contract.

The Bidder shall provide a "Fee Schedule" outlining all applicable hourly rates and costs for services. The proposal shall provide a breakdown of fees associated with each project task for every alternative. Bidder shall also submit a "Not-To-Exceed" total fee for the Project in a separate sealed envelope, which shall include all work necessary to complete the Project.

Liquidated damages of \$500 per day may be deducted from the Bidder's fee for delays beyond the agreed upon completion date.

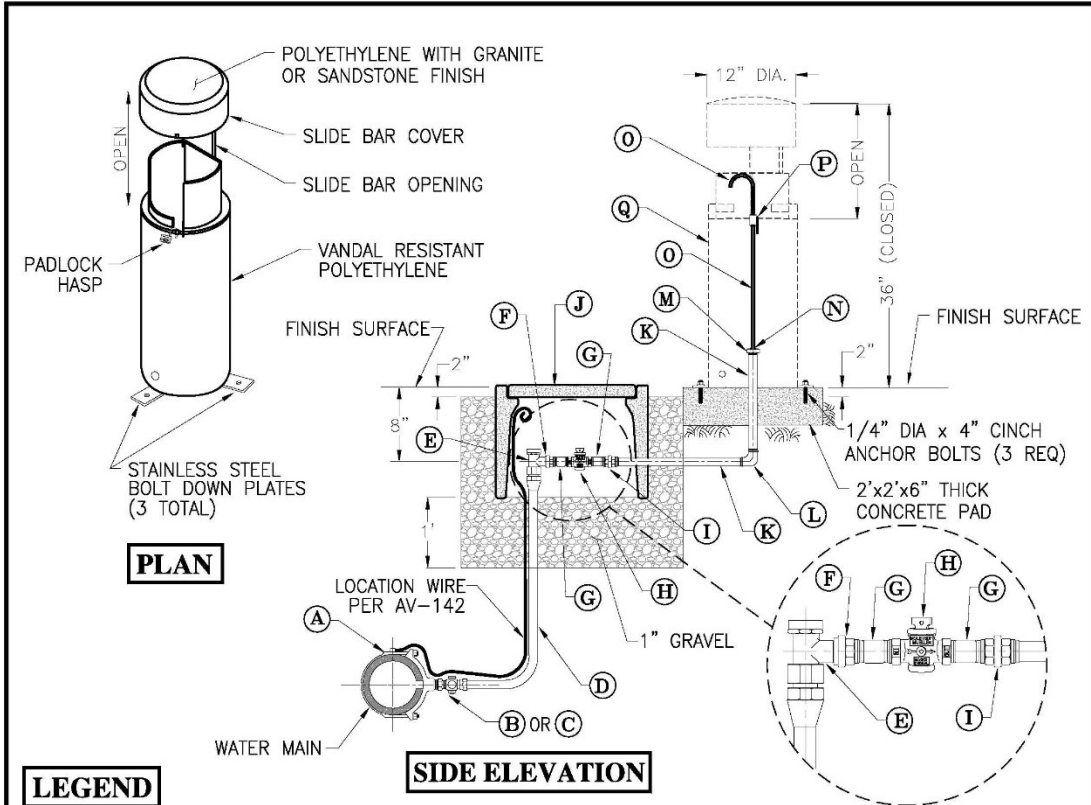
The Bidder shall provide all necessary personnel, instruments, equipment and materials to perform the described services.

Evaluation Criteria:

The information submitted will be evaluated by the City of Lynwood. The evaluation will consider the following criteria when reviewing your proposal:

1. Demonstrated experience level and expertise of the firm (20%).
2. Qualifications and experience of project team key personnel (15%).
3. Demonstrated understanding of the purpose, nature and requirements of the proposed project (10%).
4. The degree to which the firm's proposal responds to the RFP Response Requirements. The technical and editorial proficiency of the firm's proposal documents (10%).
5. Availability of firm and appropriate support staff to complete Scope of Services as outlined in a timely manner (15%)
6. Reports of references as to the aforementioned criteria and the ability of firm to work effectively with the City and interested community members (10%).
7. Proposed Fee (20%).

The City of Lynwood reserves the right to accept or reject any or all proposals or to waive any defects or irregularities in the proposals or selection process.



LEGEND

- (A) BRONZE SERVICE CLAMP W/1" AWWA FIP THREADS
- (B) 1" BRASS CORP STOP (FOR NON METALLIC WATER MAIN USE 1" MUELLER H-15028N GROUND KEY CORP VALVE)
- (C) 1" ISOLATION COUPLING (FOR DIP OR STEEL WATER MAIN USE 1" MUELLER N-35028N INSULATED BALL CORP VALVE)
- (D) 1" COPPER TUBING TYPE "K" WITH POLY SLEEVE & LOCATION WIRE PER AV-142
- (E) 1" ANGLE METER STOP (1" MUELLER NH-14258)
- (F) 1-1/4" x 1" NO LEAD (NL) BRASS METER BUSHING
- (G) 1" NL BRASS CLOSE NIPPLE. LENGTH AS REQUIRED (2 EA)
- (H) 1" MUELLER STOP AND WASTE VALVE (1" MUELLER NH-10284)
- (I) 1" NL BRASS UNION
- (J) POLY METER BOX & POLY LID (J&R CONCRETE #4 BOX WITH 1 PIECE LID)
- (K) 1" NL BRASS NIPPLE, LENGTH AS REQUIRED (2 EA)
- (L) 1" 90° NL BRASS ELBOW
- (M) 1" NL BRASS COUPLING AND 1" x 3/8" NL BRASS BUSHING
- (N) 3/8" M.I.P. x COMPRESSION FITTING
- (O) 3/8" COPPER TUBING
- (P) 3/8" BALL VALVE WITH COMPRESSION ENDS
- (Q) 12" DIA. x 36" ROUND ENCLOSURE WITH SLIDE BAR COVER (ARMORCAST P6002010-SLIDE BAR)

	SUBJECT: STANDARD DRAWING	
SAMPLING STATION		



ARMORCAST PRODUCTS COMPANY

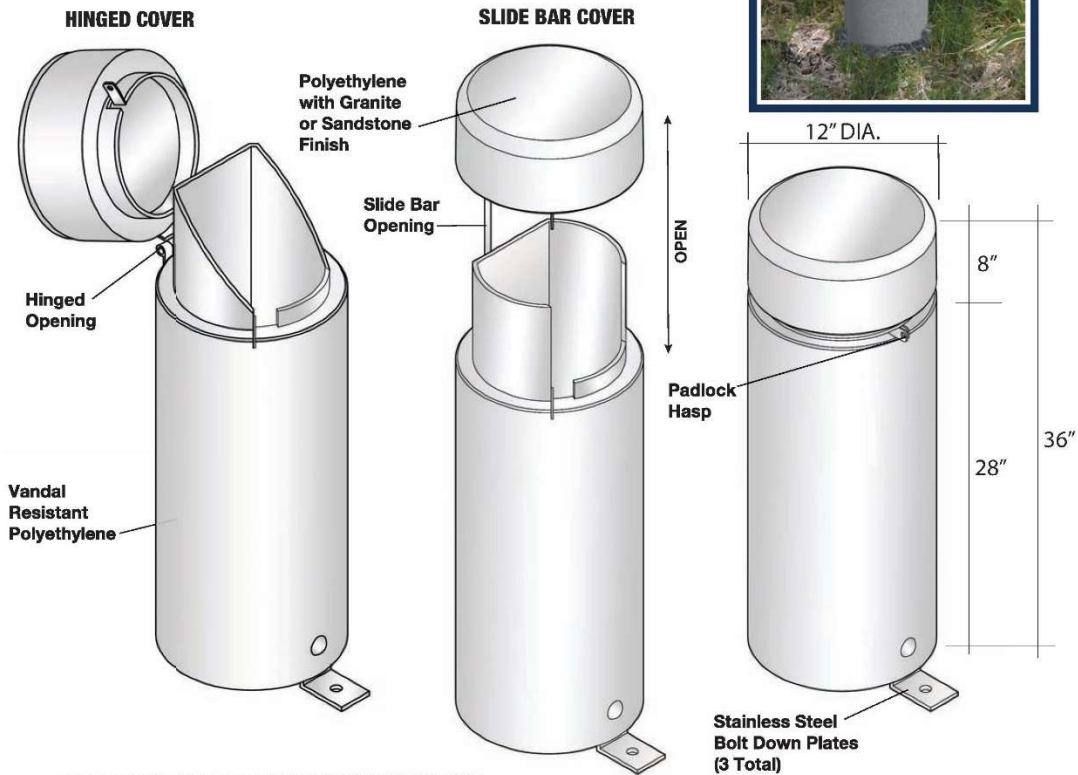
ROUND ENCLOSURES WATER SAMPLING STATION

POLYETHYLENE

FEATURES

Sampling Stations are manufactured from low density polyethylene material with UV inhibitors for commercial or residential settings. Easy access, safe sampling and non-corrosive. They are maintenance free, graffiti resistant, sturdy, lightweight, high impact resistant with outstanding weatherability. Aesthetically pleasing finishes include Sandstone and Granite, additional colors are available.

OPTIONAL ITEMS INCLUDE: Sampling Bibb, Directional Flow Flush Valve.



12" x 36" WATER SAMPLING STATION

DESCRIPTION	NOMINAL SIZE W x H	PART NUMBER	APPROX. WEIGHT	PALLET QTY.
Round Enclosure with Hinged Cover	12" DIA. x 36"	P6002010-Hinged	15 lbs.	9
Round Enclosure with Slide Bar Cover	12" DIA. x 36"	P6002010-Slide Bar	15 lbs.	9

Contact an Armorcast representative for more information.
Armorcast Products Company reserves the right to update or discontinue product information at any time without notice.

www.armorcastprod.com

Tel: (818) 982-3600 Fax: (818) 982-7742

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