

RANCHO MURIETA COMMUNITY SERVICES DISTRICT
Sacramento County, California

Bidding and Contract Documents
GRANLEES RAW WATER INTAKE IMPROVEMENTS PROJECT

ADDENDUM NO. 2
Issued March 21, 2024

Bidder's Note: Bidder shall acknowledge receipt and examination of this addendum on the Bid form and attach a signed copy to the Bid, both as required by the Sealed Proposal. See last page of this addendum for signature line of Bidder.

NOTICE

****This addendum does not change the bid date. Bids are due on April 1, 2024, at 3:00PM****

The Bidding Documents are hereby clarified, corrected, and changed as indicated below on Pages 1 to 2.

The questions below were received via email.

1. Please confirm as discussed at pre-bid meeting that the owner is responsible to obtain necessary permits, including fish and game permit.
 - a. The District is currently pursuing the permits.
2. Is a Builder's Risk policy going to be required?
 - a. See specification section 5.52.1.4 (page 5-42)
3. What is the intent for the tees that hold the beams to concrete walls. Do they need to be removed, and coated the same as the beams? Please clarify.
 - a. The tees are to be removed and reconditioned in the same manner as the beams.
4. Sheet C2 in the lower left corner, notes demo to river. What are the limits of demolition? Please clarify what is to be demolished.
 - a. Revise the note in the lower left corner of the drawing which states "DEMOLITION TO RIVER" to "TO RIVER". No demolition is intended here.
5. Can the work at the intake gates and the installation of the trash rack be done in the wet?
 - a. This will depend on the contractor's willingness to take that risk and any conditions in the permit. The epoxy anchors for the gates and rack will need to be evaluated for installation in this situation.
6. Please confirm the size of the intake gates.
 - a. Per as-built drawings, the gate openings are 3'x3'. The contractor will need to verify these dimensions.
7. Please confirm the size of the discharge gate to CIA ditch.
 - a. Per as-built drawings, it is a 36" diameter gate. The contractor will need to verify these dimensions.
 - b. Revise specification section 15 19 10, subsection 1.03.A.2 to read "One approximately three-foot by three-foot stainless steel slide gates where indicated on Drawings. Gate will cover a round outlet."

8. Please confirm the size of the Overflow Screen.
 - a. The overflow screen is approximately 12 ft wide x 2 ft tall. Contractor shall verify opening size.
9. Please confirm the diameter of the stainless steel tubing that is to be used to build the trash rack.
 - a. See drawing C8.
10. What is the timeframe for the permit?
 - a. Results from the Categorical Exemption process are expected by the end of March.
11. Can Fontaine-Aquanox be added to the acceptable manufactures list?
 - a. Revise specification section 15 19 10, subsection 2.01.A.5 to read "Fontaine-Aquanox Model Series 20"
 - b. Add specification section 15 19 10, subsection 2.01.A.6 "Or equal"
12. Results from lead testing of the paint on the beams and guardrails.
 - a. The Beams tested NEGATIVE for the presence of lead.
 - b. The Guardrails tested POSITIVE for the presence of lead.
 - c. See attached test report.
13. On drawing C1, add note 4 to the note list stating:

"4. LEAD CONTAINING COATINGS WERE DETECTED ON THE RAILINGS. CONTRACTOR SHALL CUT THE RAILINGS OFF FLUSH WITH THE TOP OF THE CONCRETE WALL AND DISPOSE OF THEM PER STANDARD HAZARDOUS MATERIAL HANDLING PROCEDURES"
14. On Drawing C1, in the upper middle of the page, revise the note pointing to the north wall stating "(E) STEEL RAILING TO REMAIN" WITH "(E) STEEL RAILING TO BE REMOVED, SEE NOTE 4"
15. On Drawing C1, in the upper right of the drawing, revise the note stating "REMOVE (E) DAMAGED STEEL RAILING" to "REMOVE (E) DAMAGED STEEL RAILING, NOTE 4"
16. On Drawing C3, Add a callout pointing to the North wall to install guardrail per Detail 5 on C8.
17. On Drawing C3, Add a callout pointing to the railing on the North wall near the bar rack to install guardrail per Detail 5 on C8.

Rancho Murieta Community Services District,



Michael Fritschi, P.E., Project Manager

ACKNOWLEDGMENT BY BIDDER,

By: _____

Title: _____



March 21, 2024

TO: Domenichelli & Associates
5180 Golden Foothill Parkway, Suite 220
El Dorado Hills, CA 95762

RE: Lead Inspection
Granlees Raw Water Intake
15160 Jackson Road
Rancho Murieta, CA 95683

Lead-Based Paint Testing Report

On March 21, 2024, NORCAL Environmental Management conducted Lead-Based Paint Testing at the above-referenced site. The structure is a raw water intake. The purpose of this inspection was to determine if the beams and railing are coated with lead-based paint or lead-containing paint.

The XRF lead-paint testing was conducted by Mr. Nathan Ward, California Department of Public Health Certified Lead Inspector/Assessor (CDPH ID No. LRC-00009256).

X-ray fluorescence (XRF) analysis was conducted on the painted surfaces using a Heuresis Pb200i XRF Lead Paint Analyzer, serial number 2060. The instrument was calibrated against the NIST Standard Reference Material 2575, green paint film (1.04 mg/cm²).

The painted surfaces were tested for the presence of lead-based paint using the XRF analyzer in the Action Level mode. The XRF sampling procedures followed during this inspection are in accordance with Housing and Urban Development (HUD) Guidelines, the Environmental Protection Agency (EPA), and the California Department of Public Health (CDPH) requirements.

INCONCLUSIVE RANGE OR THRESHOLD:

ACTION LEVEL MODE	SUBSTRATE	THRESHOLD (mg/cm ²)
READING DESCRIPTION		
Results not corrected for substrate bias on any substrate	Brick	1.0
	Concrete	1.0
	Drywall	1.0
	Metal	1.0
	Plaster	1.0
	Wood	1.0

Currently, the State of California, HUD, and the EPA define lead-based paint as paint or other surface coatings with a lead content equal to or greater than 1.0 milligram per square centimeter (mg/cm²) of surface area.

A representative number of samples were collected from the affected areas.

The XRF readings are as follows:

Sample ID	Sample Location/Description	Substrate	Color	Condition	Lead (mg/cm ²)	Classification
L-01	Blank	N/A	N/A	N/A	0.1	Accept
L-02	Blank	N/A	N/A	N/A	0.0	Accept
L-03	Blank	N/A	N/A	N/A	0.0	Accept
L-04	Calibration	N/A	N/A	N/A	0.9	Accept
L-05	Calibration	N/A	N/A	N/A	1.0	Accept
L-06	Calibration	N/A	N/A	N/A	1.0	Accept
L-07	Beam-Paint	Steel	Blue	Deteriorated	<LOD	N/A
L-08	Beam-Paint	Steel	Blue	Deteriorated	<LOD	N/A
L-09	Beam-Paint	Steel	Blue	Deteriorated	<LOD	N/A
L-10	Beam-Paint	Steel	Blue	Deteriorated	<LOD	N/A
L-11	Railing-Paint	Steel	Yellow	Deteriorated	1.1	LBP
L-12	Railing-Paint	Steel	Yellow	Deteriorated	1.4	LBP
L-13	Calibration	N/A	N/A	N/A	1.0	Accept
L-14	Calibration	N/A	N/A	N/A	1.1	Accept
L-15	Calibration	N/A	N/A	N/A	1.0	Accept

List of Abbreviations:

Abbreviation	Explanation
<LOD	Below Level of Detection
LCP	Lead-Containing Paint
LBP	Lead-Based Paint
LCCM	Lead-Containing Construction Material

The results of the XRF analysis indicate that lead-based paint exists on the railing. Lead-based paint is defined as paint containing lead in excess of 1.0 mg/cm². The paint on the beams does not contain lead.

The State of California Division of Occupational Safety and Health (CAL-OSHA) regulates lead in **any** quantifiable amount, regardless of lead content. CAL-OSHA utilizes the EPA definitions of lead paint to trigger the notification requirements of the CAL-OSHA standard. Proper training and worker protection procedures are required and must be implemented by the abatement contractor in accordance with State and Federal OSHA standards.

The removal of the railing shall be considered lead work. The contractor must submit a Lead-Work Pre-Job Notification to CAL-OSHA.

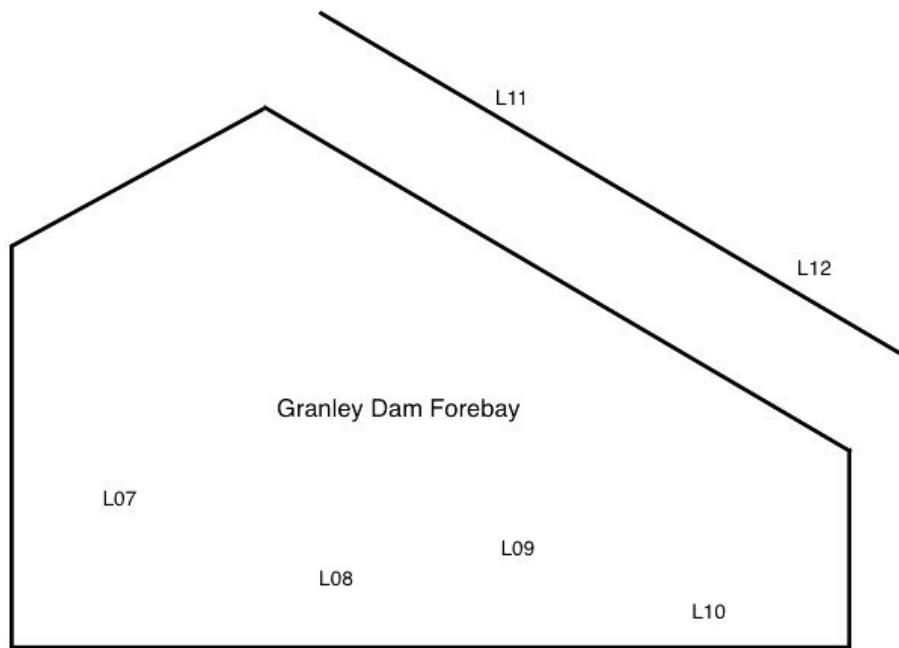
The lead sample collection at this site was a limited evaluation to determine the presence of lead on the beams and railing on the raw water intake and is not a lead risk inspection and/or a full assessment of the site in accordance with CDPH.

Sincerely,

A handwritten signature in black ink, appearing to read 'Nathan Ward', with a stylized, cursive flourish.

Nathan Ward
State Certified Lead Inspector/Assessor
CDPH I.D. #LRC-00009256

15160 Jackson Rd.
Rancho Murieta, CA



Date: 03/21/2024

Job Name: Granlees Raw Water Intake

Job Number: 24-295

Lead XRF Sample Data Report

Sample ID	Location	Component	Substrate	Color	XRF Reading	Condition
L-01	Blank	N/A	N/A	N/A	0.1	Accept
L-02	Blank	N/A	N/A	N/A	0.0	Accept
L-03	Blank	N/A	N/A	N/A	0.0	Accept
L-04	Calibration	N/A	N/A	N/A	0.9	Accept
L-05	Calibration	N/A	N/A	N/A	1.0	Accept
L-06	Calibration	N/A	N/A	N/A	1.0	Accept
L-07	Beam	N/A	Steel	Blue	<LOD	Deteriorated
L-08	Beam	N/A	Steel	Blue	<LOD	Deteriorated
L-09	Beam	N/A	Steel	Blue	<LOD	Deteriorated
L-10	Beam	N/A	Steel	Blue	<LOD	Deteriorated
L-11	Railing	N/A	Steel	Yellow	1.1	Deteriorated
L-12	Railing	N/A	Steel	Yellow	1.4	Deteriorated
L-13	Calibration	N/A	N/A	N/A	1.0	Accept
L-14	Calibration	N/A	N/A	N/A	1.1	Accept
L-15	Calibration	N/A	N/A	N/A	1.0	Accept

LEAD HAZARD EVALUATION REPORT

Section 1 – Date of Lead Hazard Evaluation _____

Section 2 – Type of Lead Hazard Evaluation (Check one box only)

Lead Inspection Risk assessment Clearance Inspection Other (specify) _____

Section 3 – Structure Where Lead Hazard Evaluation Was Conducted

Address [number, street, apartment (if applicable)]		City	County	Zip Code
Construction date (year) of structure	Type of structure <input type="checkbox"/> Multi-unit building <input type="checkbox"/> School or daycare <input type="checkbox"/> Single family dwelling <input type="checkbox"/> Other _____		Children living in structure? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't Know	


Section 4 – Owner of Structure (if business/agency, list contact person)

Name		Telephone number		
Address [number, street, apartment (if applicable)]		City	State	Zip Code

Section 5 – Results of Lead Hazard Evaluation (check all that apply)

No lead-based paint detected
 Intact lead-based paint detected
 Deteriorated lead-based paint detected
 No lead hazards detected
 Lead-contaminated dust found
 Lead-contaminated soil found
 Other _____

Section 6 – Individual Conducting Lead Hazard Evaluation

Name		Telephone number		
Address [number, street, apartment (if applicable)]		City	State	Zip Code
CDPH certification number	Signature 		Date	

Name and CDPH certification number of any other individuals conducting sampling or testing (if applicable)

Section 7 – Attachments

- A. A foundation diagram or sketch of the structure indicating the specific locations of each lead hazard or presence of lead-based paint;
- B. Each testing method, device, and sampling procedure used;
- C. All data collected, including quality control data, laboratory results, including laboratory name, address, and phone number.

First copy and attachments retained by inspector
 Second copy and attachments retained by owner

Third copy only (no attachments) mailed or faxed to:
 California Department of Public Health
 Childhood Lead Poisoning Prevention Branch Reports
 850 Marina Bay Parkway, Building P, Third Floor
 Richmond, CA 94804-6403
 Fax: (510) 620-5656