I. Introduction

You are invited to submit a quote with a brief statement of qualifications for the work specified in this Request for Quote to be considered for selection by the Cher-Ae Heights Indian Community of the Trinidad Rancheria to: Complete the site preparation and construction of a concrete foundation for a 36,000 gallon steel water tank.

It is anticipated that compensation under any contract resulting from this Request for Quote (RFQ) will be on a cost plus fee basis with a not-to-exceed amount. Construction of this project is expected to commence with reasonable immediacy upon contract approval in order to complete the foundation before the end of the calendar year, 2023.

Questions regarding this RFQ will only be accepted via email. All questions shall be submitted in writing to the attention of Julia Shiplacoff, P.E., at julias@stetsonengineers.com with the subject line "Trinidad Tank Foundation RFQ." Questions shall be submitted before 5:00 PM (PDT) on October 13, 2023. All questions will be responded to in a group addendum format to all prospective consultants by October 20, 2023. Written questions must include the individual's name, the name of the firm, address, telephone number and email.

II. Project Description

The Cher-Ae Heights Indian Community of the Trinidad Rancheria (Trinidad Rancheria) is a federally recognized Indian tribe. Trinidad Rancheria is located in rural/remote Northern California and is composed of 106.522 acres dispersed between three separate areas of tribal trust lands and one fee parcel. The core land holding (main parcel) is located west of U.S. Highway 101 along the Pacific Coast, just southeast of the town of Trinidad, California, and approximately 25 miles north of the City of Eureka, California. This main parcel accommodates Tribal Offices, Tribal Member Housing, Social Services, a Tribal Library, the Heights Casino and the Sunset Restaurant.

The Rancheria is installing a steel finished (potable) water tank under a separate contract; this project will construct a foundation to support the steel tank on the Rancheria's main parcel according to the plans and specifications attached to this RFQ as Appendix A. Current geotechnical work may result in the recommendation of additional foundation stabilization (such as resized footings or piers) which will trigger an update to the foundation design in Appendix A. Any revision to the design will be sent to interested parties who submit a letter of intent as detailed in Section IV, below, before the deadline for submittal of the quote.

III. Scope of Work and Schedule

The licensed contractor's scope of work for the Steel Potable water Tank Foundation includes the following items:

Task 1. Mobilization and Site Preparation

A. Mobilize materials and equipment to site.
B. Clearance and removal of any debris from site.
C. Backfilling (if necessary), levelling, and compaction of the soil foundation.
D. *Soil compaction testing is to be done by a professional geotechnical engineer under separate contract before Task 2. Construction of Foundation may commence and is NOT part of this scope.*

Task 2. Construction of Foundation

A. Excavate and shape material for foundation.
B. Furnish and install formwork, reinforcement, and concrete according to Plans and Specifications in Appendix A.
C. Install provided anchor bolts according to Appendix A.
D. Strip forms and backfill the perimeter of foundation with specified grade].
E. Install sand bedding according to Appendix A.

Task 3. Over-excavation and Re-compaction (if necessary, given site conditions)

A. Over-excavation and hauling of native materials (vegetation, roots, loose rock, etc…) if encountered, and re-compaction to 6' below grade and 3' outside the foundation limits, prior to Task 2 Construction of Foundation, as determined by the geotechnical engineer.

Task 4. Dewatering (if necessary)

A. Remove water from the site to the satisfaction of the geotechnical engineer, prior to Task 2 Construction of Foundation.

Task 5. Demobilization and Clean-up

B. Clean site upon completion of all construction work. Remove all temporary work and debris from site. Ensure no dumping on Trinidad Rancheria.

The Contractor must be able to begin construction immediately upon contract approval, anticipated in November of 2023.

IV. Letter of Interest

A single page letter of interest on Consultant letterhead shall be transmitted via email to Leslie Sanders, at lsanders@trinidadrancheria.com , and CC Julia Shiplacoff, P.E., at julias@stetsonengineers.com , no later than **5:00 pm (PDT), September 29, 2023**. The letter shall state the Consultant's intent to submit a quote for the project and be addressed to:

Jacque Hostler-Carmesin
Chief Executive Officer
Trinidad Rancheria
1 Cher-Ae Lane
PO Box 630
Trinidad, Ca. 95570
(707) 677-0211

V. Quote Requirements

Consultant's quote must provide a table with a cost per Task, as described in the Scope of Work and corresponding schedule to complete the Tasks. Consultant must include a brief statement of qualifications with the quote, indicating key personnel and their licenses (C-8, C-12, and C-50, or equivalent, are anticipated) and experience, three references to similar projects (with descriptions and contact information for the project manager), and a clear understanding of the items noted in the Scope of Work, above. Consultant shall disclose any financial, business or other relationship with the Trinidad Rancheria. The quote must not exceed 10 pages.

Quotes are due by **5:00 pm PDT, Friday, November 3, 2023**, via email to Leslie Sanders at lsanders@trinidadrancheria.com

Exceptions

Consultant is to clearly note any exclusions or exceptions to the above Scope of Work in their statement of qualifications, or state that no exceptions are being made.

VI. Additional Information

The Cher-Ae Heights Community of the Trinidad Rancheria is committed to supporting Native American-owned businesses and promoting economic development within Native American communities. In accordance with this commitment, we encourage Native American-owned businesses to participate in this RFQ. To qualify for Native American preference, a business must be at least 51% owned, controlled, and operated by a Native American individual or tribe recognized by the federal government. Native American preference will be factored into the evaluation of submitted quotes. While price and quality remain critical considerations, preference may be given to Native American-owned businesses in cases where their quotes are competitive. If you have any questions or need clarifications regarding the Native American preference policy in this RFQ, please contact Leslie Sanders, Transportation and Land-Use, at lsanders@trinidadrancheria.com .

Bidding and Contracting Documents can be viewed on the Humboldt Builders Exchange, https://www.humbx.com/ and Trinidad Rancheria https://trinidad-rancheria.org/news-announcements/ websites.

Attached to this Request for Quote is:

Appendix A: Plans and Specifications for Concrete Ring Foundation

APPENDIX A: PLANS AND SPECIFICATIONS- STEEL FINISHED WATER TANK FOUNDATION

GENERAL NOTES:

1. TANK AND FOUNDATION DESIGNED FOR 103 MPH WIND. TANK HAS BEEN DESIGNED TO AWWA D103-09. WIND & SEISMIC LOADS PER CBC 2019.
2. NOTE USED
3. CONCRETE DESIGN PER ACI 318-14.
4. PROVIDE ½" MIN CANE FIBER JOINT FILLER PER ASTM D1751 BENEATH TANK BOTTOM ABOVE RINGWALL FOOTING PER AWWA D103-09.

FOUNDATION NOTES:

1. THE FOUNDATION SHALL BE CONSTRUCTED ACCORDING TO THE REQUIREMENTS OF SECTION 13 OF AWWA D103-09 FOR A TYPE 1 FOUNDATION (STEEL-BOTTOM TANKS SUPPORTED ON RINGWALLS).
2. THE SITE SHALL BE CLEARED OF ALL VEGETATION, ORGANIC MATERIALS, RUBBISH, DEBRIS, AND OTHER FOREIGN OR OBJECTIONABLE MATERIALS ABOVE THE GROUND SURFACE. REMOVE ALL TOP SOIL, STUMPS, LARGE ROOTS, BURIED LOGS, AND OTHER OBJECTIONABLE MATERIALS BELOW THE GROUND SURFACE.
3. NOT USED
4. THE FOUNDATION HAS BEEN DESIGNED WITHOUT A CURRENT GEOTECHNICAL REPORT. UNLESS A SOILS OR GEOTECHNICAL REPORT HAS BEEN FURNISHED TO CST, THE FOUNDATION DESIGN IS BASED ON ASSUMED SOIL DESIGN PARAMETERS THAT MAY NOT REFLECT ACTUAL CONDITIONS. THE FOUNDATION DESIGN IS PRELIMINARY ONLY. DO NOT USE FOR CONSTRUCTION UNTIL SOIL DESIGN PARAMETERS ARE VERIFIED BY A SOILS ANALYSIS REPORT. CST ASSUMES NO LIABILITY AND DISCLAIMS LIABILITY FOR THE FOUNDATION DESIGN.
5. SOIL BENEATH THE ENTIRE TANK AND FOUNDATION SHALL BE INSPECTED AND CERTIFIED BY A LICENSED GEOTECHNICAL ENGINEER PRIOR TO CONSTRUCTION OF THE FOUNDATION TO VERIFY THAT THE FOLLOWING CRITERIA HAVE BEEN MET. IF THE SOIL IS NOT VERIFIED, OR IF THE SOIL DOES NOT MEET ALL OF THESE CRITERIA, THE FOUNDATION DESIGN AND DRAWINGS SHALL BE NULL AND VOID.
   - 5.a. THE SOIL SHALL BE UNDISTURBED SOIL OR COMPACTED FILL.
   - 5.b. THE SOIL SHALL HAVE A MINIMUM ALLOWABLE BEARING CAPACITY OF 2000 PSF AT 2'-6" BELOW GRADE. ALL SOIL BENEATH THE ENTIRE TANK AND FOUNDATION SHALL MEET OR EXCEED THE MINIMUM BEARING CAPACITY.
   - 5.c. THE SOIL SHALL PROVIDE UNIFORM SUPPORT FOR THE ENTIRE FOUNDATION.
   - 5.d. THE SOIL SHALL BE SUITABLE IN ALL RESPECTS TO PROPERLY SUPPORT THE TANK.
6. THE SOILS SHALL BE INSPECTED AND CERTIFIED AS SUITABLE IMMEDIATELY PRIOR TO PLACING OF CONCRETE.
7. ALL COMPACTED FILL SHALL BE PLACED AS RECOMMENDED BY THE GEOTECHNICAL REPORT.
8. UNLESS OTHERWISE REQUIRED IN THE SITE SPECIFICATION OR OTHERWISE DIRECTED BY THE ONSITE GEOTECHNICAL ENGINEER, ALL COMPACTED FILL SHALL BE PLACED IN LAYERS NOT EXCEEDING 8" IN LOOSE THICKNESS AND SHALL BE COMPACTED TO A MINIMUM DENSITY OF 95% OF THE MATERIAL'S STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D698).
9. NOT USED.
10. NOT USED.
11. NO WATER-SOLUBLE SULFATE TESTING AVAILABLE. CONTRACTOR TO INSURE THAT SOIL SULFATE LEVELS ARE NEGLIGIBLE OR SHALL UPGRADE CONCRETE IN CONTACT WITH SOILS AS NECESSARY.
12. IF CONDITIONS EXIST WHICH REQUIRE FOOTING AND/OR FLOOR DESIGN DETAILS DIFFERING FROM THOSE SHOWN ON THE DRAWINGS, SUCH NEW DESIGN AND DETAILS SHALL BE PROVIDED BY THE OWNER OR THE OWNER'S DESIGNATED AGENT. CST STORAGE CANNOT SHOW DETAILS ON ITS DRAWINGS OTHER THAN THOSE DERIVED AS A RESULT OF THE DESIGN EFFORTS OF ITS OWN ENGINEERING DEPARTMENT.

CONCRETE NOTES:

1. RINGWALLS AND SLABS, BEFORE PLACING THE CANE JOINT FIBER FILLER, SHALL BE LEVEL WITHIN +/- 1/8" IN ANY 30 FT CIRCUMFERENCE UNDER THE SHELL. THE LEVELNESS OF THE CIRCUMFERENCE SHALL NOT VARY BY MORE THAN +/- 1/4" FROM AN ESTABLISHED PLANE.
2. CONCRETE WORK SHALL CONFORM TO THE REQUIREMENTS OF ACI 301-16 EXCEPT AS MODIFIED BY THE SUPPLEMENTAL REQUIREMENTS NOTED BELOW.
3. CONCRETE SHALL ATTAIN AN ULTIMATE 28-DAY COMPRESSIVE STRENGTH OF 4,000 PSI.
4. REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60. WELDING OF BARS IS NOT PERMITTED. FIELD BENDING OF PARTIALLY EMBEDDED REINFORCING BARS SHALL CONFORM TO SECTION 3.3.2.8 OF ACI 301-16.
5. CEMENT SHALL CONFORM TO ASTM C150, TYPE 2 WITH AIR ENTRAINING ADMIXTURE PER ASTM C260 ADDED AT THE MIXER TO ACHIEVE 4%±2% BY VOLUME OF ENTRAINED AIR AT THE POINT OF CONCRETE PLACEMENT.
6. MAXIMUM WATER CEMENT RATIO: 0.45
7. MAXIMUM AGGREGATE SIZE SHALL BE 1½". FINE AND COARSE AGGREGATES SHALL CONFORM TO ASTM C33, AND THE RESTRICTIONS ON REACTIVE MATERIALS SPECIFIED IN ASTM C33, PARAGRAPHS 7.3 AND 11.2, SHALL APPLY.
8. READY MIX CONCRETE SHALL CONFORM TO ASTM C94, OPTION A. THE SUPPLIER SHALL BE RESPONSIBLE FOR DETERMINING THE PROPORTIONS USED IN THE CONCRETE MIX.
9. EARTH CUTS MAY BE USED AS FORMWORK FOR FOOTINGS ONLY, PROVIDED THE FOOTING DEPTH DOES NOT EXCEED 48".
10. THE FOLLOWING SECTIONS OF ACI 301-16 DO NOT APPLY: ARCHITECTURAL CONCRETE, LIGHTWEIGHT CONCRETE, MASS CONCRETE, PRESTRESSED CONCRETE, AND SHRINKAGE-COMPENSATING CONCRETE.
11. MINIMUM COVER FOR REINFORCING STEEL SHALL BE 3" CLEAR UNLESS NOTED OTHERWISE.
12. ALL REINFORCING SHALL BE BENT COLD.
13. LAP SPLICES OF REINFORCING STEEL SHALL BE PER THE REBAR SPLICE SCHEDULE UNLESS NOTED OTHERWISE. MINIMUM STAGGER OF SPLICES SHALL BE THE GREATER OF ONE LAP LENGTH OR 24".

DISCLAIMER: UNLESS A SOIL OR GEOTECHNICAL REPORT HAS BEEN FURNISHED TO CST, THE FOUNDATION DESIGN AND DRAWINGS ARE BASED ON ASSUMED SOIL DESIGN PARAMETERS THAT MAY NOT REFLECT ACTUAL CONDITIONS. THE FOUNDATION DESIGN AND DRAWINGS ARE PRELIMINARY ONLY. DO NOT USE FOR CONSTRUCTION UNTIL SOIL DESIGN PARAMETERS ARE VERIFIED BY A SOIL ANALYSIS REPORT. CST ASSUMES NO LIABILITY AND DISCLAIMS LIABILITY FOR THE FOUNDATION DESIGN.

REGISTERED PROFESSIONAL ENGINEER
YUEYING QIAN
C 73381
CIVIL
STATE OF CALIFORNIA
5.26.2022.

APPROVED
JGardner , 2/26/2021 ,8:33:54 AM

REV	REVISION	DATE	BY	APR.

CST STORAGE

GENERAL NOTES
18'-5 9/16" DIA x 18' HIGH TANK
FOR:
TRINIDAD RANCHERIA
TRINIDAD, CA,. USA

DRAWN BY	ORDER NO.	DATE	DWG. NO.
KMB	20-9502	FEB 22, 2021	918F018-209502FND1
CHECKED BY	APPROVED BY		
MMN	JAG		

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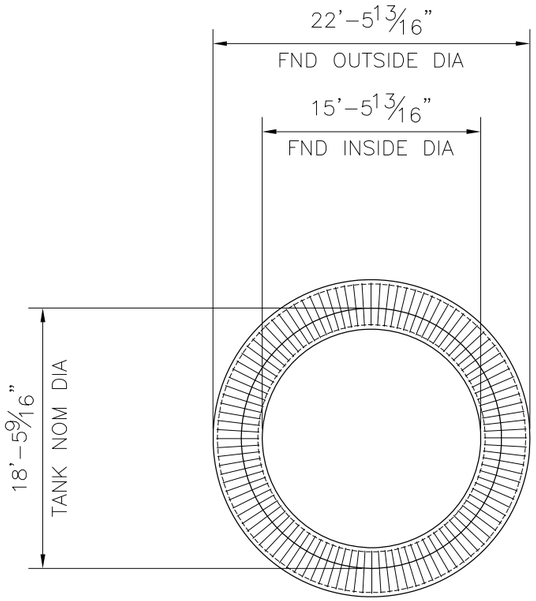
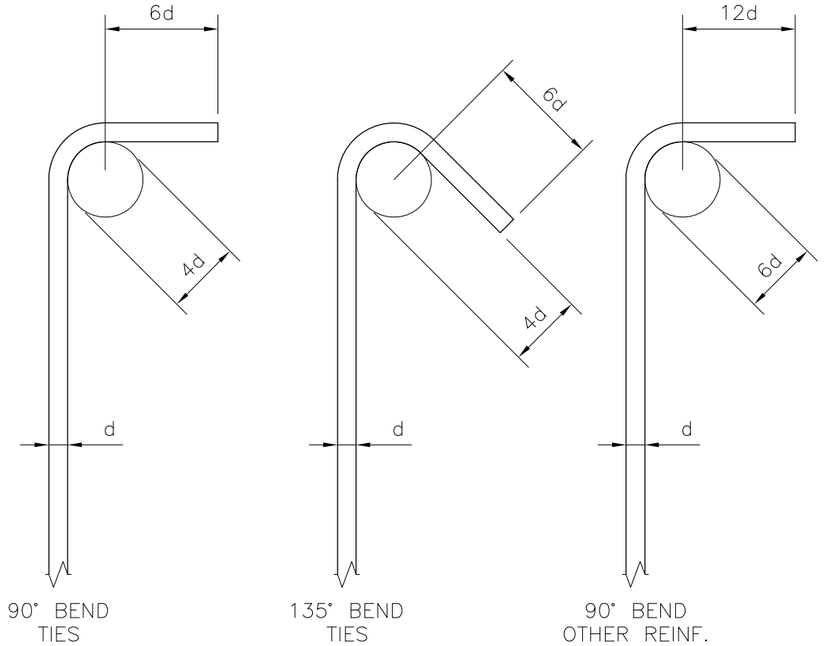
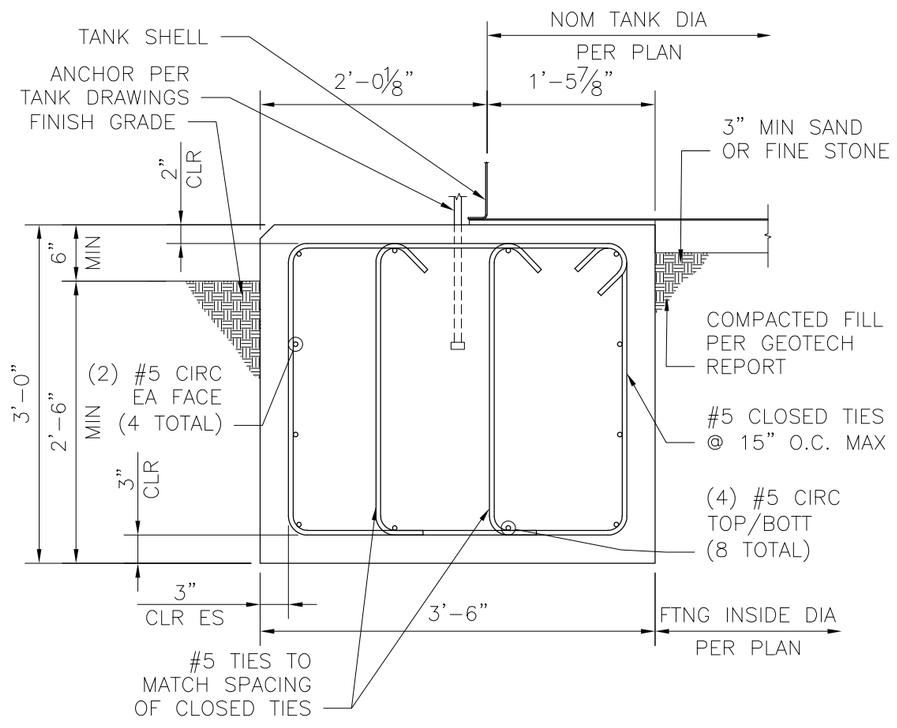


FOUNDATION PLAN



STANDARD HOOKS

REBAR SPLICE SCHEDULE	
REBAR SIZE	SPLICE LENGTH
#4	32"
#5	40"
#6	48"
#7	70"
#8	80"



SECTION AT RING WALL FOOTING

DISCLAIMER: UNLESS A SOIL OR GEOTECHNICAL REPORT HAS BEEN FURNISHED TO CST, THE FOUNDATION DESIGN AND DRAWINGS ARE BASED ON ASSUMED SOIL DESIGN PARAMETERS THAT MAY NOT REFLECT ACTUAL CONDITIONS. THE FOUNDATION DESIGN AND DRAWINGS ARE PRELIMINARY ONLY. DO NOT USE FOR CONSTRUCTION UNTIL SOIL DESIGN PARAMETERS ARE VERIFIED BY A SOIL ANALYSIS REPORT. CST ASSUMES NO LIABILITY AND DISCLAIMS LIABILITY FOR THE FOUNDATION DESIGN.

APPROVED
JGardner , 2/26/2021 ,8:31:32 AM

REV	REVISION	DATE	BY	APR.

CST STORAGE

FOUNDATION PLAN AND DETAILS
18'-5 9/16" DIA x 18' HIGH TANK
FOR:
TRINIDAD RANCHERIA
TRINIDAD, CA,. USA

DRAWN BY	ORDER NO.	DATE	DWG. NO.
KMB	20-9502	FEB 22, 2021	918F018-209502FND2
CHECKED BY	APPROVED BY		
MMN	JAG		

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