





Purchasing Division
Finance Department
Room 120
411 West First Street
Duluth, Minnesota 55802

 218-730-5340
 purchasing@duluthmn.gov

Addendum 2
Solicitation 24-99397
Lakewood Water Treatment Plant Power Improvements - Construction

This addendum serves to notify all bidders of the following changes to the solicitation documents:

- Please see the attached documents

Please acknowledge receipt of this Addendum by noting on the quote form.

Posted: **April 16, 2024**



**ADDENDUM #2
24-99397
LAKEWOOD WATER TREATMENT PLANT POWER SYSTEM IMPROVMENTS – CONSTRUCTION
CITY OF DULUTH
PROJECT 00616197
APRIL 11, 2024**

Page 1 of 1

CERTIFICATION

I hereby certify that this document was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Print Name: Scott Chilson

Signature: *Scott R. Chilson*

Date: 4/11/24 License #: 44287

NOTICE

This Addendum is issued to modify, explain or correct the original drawings, specifications and/or previous addendums and is hereby made a part of the Contract Documents. Please attach this Addendum to the specifications in your possession and note receipt of this Addendum on page 00 41 00-2 of the bid. The bid date remains unchanged.

SPECIAL PROVISIONS

SP-4 PRE-BID CONFERENCE

CLARIFICATION Record of pre-bid Conference and Attendance are attached to this addendum.

ENGINEERING TECHNICAL SPECIFICATIONS

DIVISION 03 – CONCRETE

SECTION 03 45 00 Precast Architectural Concrete

Page 03 45 00-2, 2.02 Materials, A. Concrete, 3. Aggregate/Surface Finish

OMIT: "3. Aggregate/Surface Finish: Match existing precast concrete mansard panel finish color, size and texture."

ADD: "3. Aggregate/Surface Finish: Aggregate for the exterior wythe shall be similar to Duluth Brownstone. The finish shall be exposed aggregate."

END OF ADDENDUM



City of Duluth
DEPARTMENT OF PUBLIC WORKS/UTILITIES
Engineering Division
211 City Hall • Duluth MN 55802
(218) 730-5200 Fax: (218) 730-5907

PRE-BID MEETING AGENDA RECORD

RE: City Project 2135 – Lakewood Water Treatment Plant Power Improvements / City of Duluth

TIME: 10:00 A.M. (Virtual)

DATE: April 11, 2024

LOCATION: Virtual Meeting

ATTENDEES: Refer to the Sign-In List

1. Sign In/Roll Call

2. INTRODUCTION

3. KEY PERSONNEL

a. OWNER - City of Duluth

i. City Project Manager – Aaron Soderlund (218) 730-5083, cell (218) 349-6331

b. MSA Professional Services, Inc. – (218-722-3915)

i. Project Manager – Scott Chilson, (608) 355-8868, cell (608) 963-6527

ii. Project RPP – Phillip Lockett, cell (218) 348-9161

4. BID DOCUMENTS

a. Drawings

b. Project Manual

i. Bid Form

ii. Special Provisions

iii. Appendices

1. FEMA Funding Information

2. Hazardous Materials Report

3. Existing Plans

4. Engineering Technical Specifications

5. SCOPE OF WORK (SP-2)

a. Upgrade Electrical Service to the Lakewood WTP.

b. Owner Provide Materials and Services

i. MN Power/Contractor

ii. SCADA Contractor

iii. Power System Integrator

iv. Generator(s)

v. Transformer(s)

c. Phased construction is essential. The facility must stay operational. All interruptions have to be planned and minimize down time.

6. CONTRACT TIME

Refer to Detailed Schedule

7. FUNDING (SP-53)

- a. PFA

8. Bid From and Partial Payments (SP-17)

- a. Mobilization
- b. Milestone 1 / Contract Implementation
- c. Milestone 2 / 2024 Work
- d. Milestone 3 / 2025 Work
- e. Milestone 4 / 2026 Work
- f. Owner Directed Addition Allowance
- g. Diesel Fuel Allowance
- h. Railroad Fee Allowance
- i. Access Control Contractor Allowance

9. ANTICIPATED CONSTRUCTION SEQUENCE (SP-47)

- 1. Notice to Proceed
- 2. Obtain Permits
- 1. Utility Service Coordination
- 2. Coordination with OWNER agents
 - a. SCADA Contractor
 - b. Power System Integrator
 - c. Transformer Supplier
 - d. Generator Supplier
- 3. Equipment and Material Shop Drawings
- 4. Release of approved equipment and materials to production
- 5. Preconstruction Meeting
- 6. Mobilize
- 7. 2024 Work
 - a. Clear and Grub
 - b. Site grading
 - c. UGE installation
 - d. Construct STR 910
 - e. Construct STR 940
 - f. Construct STR960
 - g. Extend electrical into STR 100 Transformer room.
 - h. Initial restoration
- 8. 2025 Work
 - a. Receive, unload, store, and install all equipment including OWNER furnished equipment and material for this project.
 - b. Field Wiring
 - c. All practical testing and start-ups
 - d. Driveway paving following delivery of the generators.
 - e. All practical restoration and landscaping.
 - f. Construct fencing.
 - g. Start-up, test, commission, and training related to new fiber optic communication network.

9. 2026 Work
 - a. Receive, unload, store, and install all equipment including OWNER furnished equipment and material for this project.
 - b. Field Wiring
 - c. Complete Start-up, testing, and initial training of the power systems
 - d. Energize the new service, maintain the existing service.
 - e. Power gear and system testing with CONTRACTOR provided load bank.
 - f. Connect Pump No.1, and test power system for reliability.
 - g. Connect house power to Pump House and Surge Valve Building
 - h. Replace the existing transformer at the WTP and connect to the new power system. Contractor shall provide temporary generator and deliver the existing 500kVA transformer to OWNER identified location.
 - i. Complete reliability test.
 - j. Demo existing OHE service, provide OHE lines, and 5000kVA transformer.
 - k. Complete and close-out the project.

10. OWNER FURNISHED EQUIPMENT, SERVICES AND MATERIALS (SP-56)

The OWNER will furnish equipment, materials, and services as identified in the contract documents. The work under this contract shall provide complete coordination and installation of all the equipment, materials, and service to provide a complete and operable electrical power system as described by these documents. It is the expectation that the work under this contract will provide all coordination, supervision, scheduling, and administration of the OWNER furnished equipment, materials, and services. The OWNER will hold the contract and pay the suppliers directly on the recommendation of the CONTRACTOR and ENGINEER. Refer to technical specification for additional information and details related to scope service to be furnished to the contractor.

The CONTRACTOR shall provide all work, equipment, and materials to receive, inspect, unload, store, relocate, completely install, start-up, test, and commission per the contract and the manufactures requirements.

The CONTRACTOR shall be responsible for project supplier shop drawings, Record Drawings, O&M's, administration, supervision, execution, and delivery.

All concerns related to owner furnished equipment, materials, and services shall be promptly identified, documented, to provide in writing to the OWNER and ENGINEER

11. Comments and Directions from City

- a. *Project is located at the WTP. This is 24/7/365 secure facility. Coordination with WTP staff will be essential.*
- b. *Account for working along Congdon Ave. This is an important roadway to the city and events. Construction shall not impact events and the roadway must intact for events. Refer to Special Provisions.*
- c. *Note that city anticipates advertising Woodland Booster Station Project for bid this week.*

12. Contractors Question

- a. *Schedule flexibility: Will the notice to proceed be held until June? Schedule is conservative and is intended to worst case. The city will issue notice to proceed ASAP. Improvement or expedited construction schedule is encouraged.*

13. Site Visits

- a. Service Site and powerhouse site are outside the fence. If access to the facility may be provided upon request to Aaron Soderlund, City of Duluth.



CITY OF DULUTH
 PURCHASING DIVISION
 Room 100 City Hall
 411 West First Street
 Duluth, Minnesota 55802-1199
 218/730-5340 218/730-5922 FAX
purchasing@duluthmn.gov

PRE-BID ATTENDANCE LIST

April 11, 2024

City Job Number: 2135

Project: City of Duluth

Lakewood Water Treatment Plant

Electrical Improvements

NAME	COMPANY	PHONE	EMAIL
Aaron Soderlund	City of Duluth	(218) 349-6331	asoderlund@duluthmn.gov
Tom Johnson	City of Duluth	(218) 730-5103	tajohnson@duluthmn.gov
Mike Wolf	City of Duluth	(218)-730-5004	MWolf@DuluthMN.Gov
Dave Horvath	Benson Electric	(715) 394-5547	
Fireflies			
Matthew Laveau	Laveau Electric	(218) 384-4001	
Mason Pichetti	True North Excavation, LLC	(218) 576-2547	
Peter Aldritt	Magney Construction	(952) 474-1674	paldritt@magneyconstruction.com
Tory George	PEC	(218)-725-3424	tory.george@archkey.com
Todd Flicek			
Rick Hart			
Scott Chilson	MSA	(608) 355-8868	schilson@msa-ps.com