

Request for Proposal
For
On-Site Sodium Hypochlorite Generation System
Red Mountain Water Treatment Plant
BD 2019-026
for the
City of Glenwood Springs, Colorado
February 21, 2019



RFP Deadline: March 15, 2019 2:00 pm local time

For additional information contact:

Mary Lou Haflinger, Contracts Coordinator

City of Glenwood Springs

(970-384-6468)

On-Site Sodium Hypochlorite Generation System

Red Mountain Water Treatment Plant

PART 1 GENERAL

1.1 PROJECT IDENTIFICATION

The City of Glenwood Springs (City) requests proposals for on-site sodium hypochlorite generation (OSHG) system equipment for the City's Red Mountain Water Treatment Plant (RMWTP) located at 1401 W. 9th Street, Glenwood Springs, Colorado. Prospective Respondents interested in scheduling a site visit may contact Brad Zachman, Water/Wastewater Superintendent, 970-384-6388.

The City intends to pre-select the equipment for design and submittal to the Colorado Department of Public Health and Environment (CDPHE). Purchase of the equipment is anticipated in July after CDPHE approval.

1.2 DESCRIPTION OF WORK

- A. Furnish, deliver, provide pre and post installation verifications, and provide start-up/testing of an OSHG system of the type specified herein, at the location shown on the drawings.
- B. This OSHG system will be bid as a complete system.
- C. All components associated with the OSHG unit, as specified herein, shall also be furnished by the OSHG system vendor or its regional representative. The OSHG unit vendor or regional representative shall furnish all ancillary equipment and instrumentation as specified in Part 2.
- D. Related work:
 - 1. The OSHG system vendor and/or its regional representative shall be responsible for the following:
 - a. Submittal drawings and design for a complete OSHG system
 - b. OSHG system delivery to the RMWTP site in Glenwood Springs, CO
 - c. Programming of the OSHG system's control system
 - d. Installation verification, start-up, testing, and commissioning services of the OSHG system
 - e. Training of WTP staff and supply of Operation and Maintenance (O&M) Manuals
 - f. Provide the City with as-built drawings of vendor supplied equipment in current AutoCAD and .pdf file formats
 - 2. The City (or contracted agent) will be responsible for the following:
 - a. Preparation of the proposed location for the OSHG system
 - b. Installation of the OSHG including interconnecting piping between the system components
 - c. Connection piping from the OSHG Sodium Hypochlorite Storage Tank to the chlorine injection points
 - d. Connection piping from the WTP's house water system to the OSHG system
 - e. Vent piping from OSHG system
 - f. Liquid sodium hypochlorite chemical feed pumping system
 - g. Installation of the electrical conduit and wiring from the OSHG system to the WTP's power source
 - h. OSHG system integration into RMWTP SCADA system

1.3 QUALIFICATIONS

- A. Submit certification that the OSHG vendor has at least ten (10) years of experience in the design and manufacture of OSHG technology
- B. References: minimum of three (3) installations of similar size (preferably within the State of Colorado or similar mountain climates), capacity and site conditions including:
 - a. Facility Name
 - b. Location
 - c. Date of installation
 - d. Owner Contact
 - e. General Contractor contact
 - f. Engineer Contact
 - g. Project contract price and final construction cost

1.4 PROPOSAL SUBMITTAL REQUIREMENTS

- A. The Respondent shall provide the following as part of the Proposal
 - 1. Respondent's standard Terms and Conditions specifying terms of payment and delivery schedule
 - 2. Respondent's standard product brochure describing, in general, operation and maintenance of equipment
 - 3. Costs
 - a. As requested in the Proposal Form for each specified bid alternative
 - b. Estimated annual operations and maintenance costs
 - 4. The following documents, drawings, diagrams, and data:
 - a. Drawings should be project specific, 11-inch by 17-inch size, fully to scale and properly dimensioned and annotated. All piping, fittings, valves, strainers, meters, control valves, air valves and related components should be shown.
 - b. Electrical load calculations for OSHG system
 - c. Sequentially numbered electrical and instrumentation device component Bill of Materials with model numbers and manufacturers listed.
 - d. Process and Instrumentation Diagram (P&ID)
 - e. Control panel(s) front face layout and internal component block diagram.
 - f. List of alarms, indicators, and I/O requirements
 - g. Statement of warranty coverage. See Section 3.4 below for warranty information
 - h. Control narrative
 - i. Process layout schematics for each alternative layout. AutoCAD 2018 format for alternative layouts are available upon request.
 - 5. Product data: Respondent's literature descriptive of, but not limited to:
 - a. General assembly and description of equipment by model and type specific to the unique scope of work defined
 - b. Operating characteristics of all electrical and control equipment: operating voltage and amperage tolerances, ancillary electrical services required
 - c. List of components and materials shipped preassembled and parts list for the other components and materials
 - d. Weight and physical dimensions shall be indicated for each part, assembly, and/or package to be shipped
 - e. Descriptive information including catalogue cuts and manufacturers' specifications for major components
 - f. Electrical schematics and layouts
 - g. Detailed specifications, cut sheets and data for materials, parts, devices and accessories
- B. The Respondent shall provide Proposals for alternate equipment layout and electrical options. The Respondent shall provide relevant information and data from 1.3.A for each alternative if

information and data is different between bids including, but not limited to, drawings and equipment layouts.

1. Bid 1 – See **Attachment 1** for available area for Bid 1 Scenario. Delivery constraints are shown on the Attachment. Provide layout of system denoting required clearances around installed equipment.
 - a. Electrical Alternate A (preferred): 208V, 3-phase – Respondent shall indicate whether this power option is possible and describe necessary power and equipment requirements
 - b. Electrical Alternate B: 480V, 3-phase, 60 Hz - Respondent shall indicate necessary power and equipment requirements including whether a step-up transformer is needed
 2. Bid 2 – See **Attachment 2** for available area for Bid 2 Scenario. Delivery constraints have been provided on the Attachment. Provide layout of system denoting required clearances around installed equipment.
 - a. Electrical Alternate A (preferred): 208V, 3-phase – Respondent shall indicate whether this power option is possible and describe necessary power requirements.
 - b. Electrical Alternate B: 480V, 3-phase, 60 Hz – Respondent shall indicate necessary power and equipment requirements including whether a step-up transformer is needed
- C. Organize submittal such that relevant information pertaining to Bid 1a, Bid 1b, Bid 2a, and Bid 2b are clearly separated with designated division for each Proposal.

PART 2 PRODUCTS

2.1 GENERAL

- A. The Respondent shall provide a fully functioning OSHG unit capable of meeting every operational and material aspect of this section.

2.2 WATER TREATMENT PLANT INFORMATION

- A. Water Treatment Plant Design Capacity: 8 million gallons per day (MGD)
- B. Process water quality:
1. Minimum feed water temperature: 2.5°C
 2. Maximum feed water temperature: 12.5°C
 3. Minimum water pressure: 40 psi
 4. Water Hardness as Total CaCO₃:
 - a. Range (mg/L): 103 - 222
 - b. To be softened by OSHG system's water softener

2.3 GENERAL DESIGN CRITERIA

Parameter	Value
Production Capacity	Minimum: 15 pounds per day (ppd) chlorine Average (Summer): 65 ppd chlorine Average (Winter): 26 ppd chlorine Maximum Production Capacity: 100 ppd chlorine (Total capacity including redundancy = 200 ppd)
Redundancy	Redundancy capable of 100% (100 lbs per day chlorine) operational capacity with one system isolated and offline for maintenance. Total production capacity for the entire provided system is 200 ppd.

Control	Automatic, Regulated by sodium hypochlorite storage tank level
Percentage sodium hypochlorite	0.8%
Maximum consumables per pound of chlorine produced	3.5 lbs salt 2.5 kWh AC 15 gallons of water
Water input	Potable water
Salt	NSF 60 certified solar salt
Power	Facility has 208, 3-phase power. A 208 3-phase system would be preferred. However, if not feasible vendor may specify 480 3-phase option (provided as Bid Alternates a and b)
Control and D.C. Rectifier Cabinets	NEMA 4X
Skid Assembly	Type 316 Stainless Steel
Operator Interface	Touchscreen
Communication Interface	Ethernet
Programmable Logic Controller	Allen Bradley CompactLogix

2.4 GENERATORS

- A. Furnish skid-mounted sodium hypochlorite generation system complete with
 1. System control panel
 2. Power transformer/rectifier
 3. Electrolyzer assembly
 4. Temperature and level sensors
 5. Drain valve
 6. Acid cleaning system
 7. Valves and hose connections for acid cleaning system
- B. Each system unit shall be factory wired, plumbed, and mounted on a rack or self-contained assembly
- C. All electrical equipment and entire control enclosures will be UL 508 listed
- D. DC Rectifier
 1. Furnish solid-state transformer/rectifier with forced air ventilation to power the electrolysis process
 2. Current regulation: +/- 1 percent with maximum output limit to 110%
 3. Built-in voltmeter and ammeter
 4. Provide sensors and alarm contacts for cell voltage, thermal overload, and internal fault
 5. All internal wiring connections and components will be easily accessible by removing the front access panel

- E. Electrolytic Cell
 - 1. Membrane-less design with anodes and cathodes assemblies on a chassis
 - 2. Casings: Clear acrylic to allow for visual inspection of the entire electrode assembly without the necessity to remove the cell from the system. If clear acrylic material is not to be used, Respondent shall provide method of visual inspection of cells.
 - 3. Electrolytic cells shall be designed to limit baffles, assemblies, and fasteners to limit hydrogen gas blinding
 - 4. Each cell shall be arranged so that it can be completely drained in place and cell construction shall be modular and allow electrodes to be removed as a single assembly
 - 5. Each cell shall have a liquid level switch and a temperature switch
- F. Generation system shall provide redundancy of up to 50 percent of design capacity allowing for operating capacity of 100 pounds per day of chlorine production during maintenance activities.

2.5 BRINE SYSTEM AND TANK

- A. The brine tank shall be one-piece, rotationally-molded of linear high-density polyethylene. A high-quality, chemically-resistant plastic with high stress crack and impact resistance shall be used. The tank shall be translucent and comply with USDA and FDA regulations for storage and processing of food. Plastic containing any fillers will not be acceptable.
- B. Brine system shall include brine proportioning method sized to proportion brine for flow range
- C. Brine system shall be designed to store 15 days of brine for average operation at highest salt concentration acceptable for effective brine dilution. If this storage capability is not possible for system due to brine tank size or footprint, Respondent shall include maximum potential storage capabilities of brine system in their proposal.

2.6 OSHG ANCILLARY EQUIPMENT

- A. Water softener
 - 1. Water softener to soften feed water to acceptable levels. Water softener shall be sized for production range and allow for continuous operation during routine maintenance operations.
 - 2. Preference is for a two tank softener system.
- B. Sodium Hypochlorite Storage Tanks
 - 1. Compatible with sodium hypochlorite. Liquid level indicator. 30-hour storage time at design capacity flow. Multiple sodium hypochlorite tanks are preferred to accommodate storage requirements.
 - 2. Tanks shall be fitted with mechanism for liquid level measurement
 - 3. All storage tanks shall include a level transmitter
- C. Hydrogen Mitigation System
 - 1. OSHG system shall include a hydrogen mitigation system to exhaust hydrogen from the system to venting. Each liquid sodium hypochlorite tank shall have a dedicated hydrogen mitigation system.
 - 2. Hydrogen mitigation system shall include hydrogen blower to vent exhaust hydrogen, hydrogen gas monitor, air flow monitor on vent stack, and associated controls and alarms
 - 3. Blowers shall provide enough forced ventilation to reduce hydrogen gas to 25 percent of hydrogen's lower explosive limit
 - 4. Hydrogen mitigation system shall include pressure differential switch for blower operation
 - 5. Hydrogen detector and alarm

- D. Acid Cleaning System
 - 1. OSHG System shall include acid cleaning system utilizing hydrochloric or muriatic acid. Respondent to provide recommendations for O&M of cleaning system and cleaning intervals.
- E. Provide water temperature control equipment to heat and/or cool process water to temperature appropriate for the OSHG system requirements.

2.7 SYSTEM CONTROL PANEL

- A. Respondent shall program the PLC prior to shipment with standard alarms, indications, and system operation requirements
- B. Status indicators and alarms shall be visible at system's HMI and available to output to RMWTP's SCADA system
- C. System shall be capable to receive operational prompts from RMWTP's SCADA system
- D. Respondent shall provide the City with all pertinent software to control system
- E. The panel display and PLC programs shall be provided to the City. If they are password protected or have any other methods of locking people out of accessing the programs, all the passwords and other information or programs needed to have full access to the programs shall be provided. The Rockwell RSLogix programs are not intended to be provided for this, just all other information necessary to access the programs.
- F. The control panel shall communicate to the RMWTP's SCADA system over ethernet communications and have a place in the control panel for the ethernet to plug into.

PART 3 EXECUTION

3.1 INSTALLATION

- A. Pre-installation Verification: Respondent shall provide pre-installation verification of equipment following delivery of all equipment to ensure all equipment has been delivered and is free of defect or damage. Pre-installation verification shall be one trip to site from qualified factory representative. If equipment is found to be missing or damaged, subsequent site visits shall be made by qualified factory representative at no cost to the City until verification is complete.
- B. Post-installation Verification: Respondent shall provide post-installation verification that all equipment has been installed properly according Respondent's recommendations prior to start-up and testing. Verification shall include one site trip to verify installation of equipment.
- C. Respondent shall be available for questions and coordination with the City regarding installation of equipment

3.2 START-UP AND TESTING

- A. Respondent shall provide services of a qualified field engineer to check installation, conduct start-up, and instruct the City's operations personnel in proper operations and maintenance of the system
- B. Respondent shall furnish all necessary labor, tools, and equipment necessary for start-up and testing of equipment

- C. Respondent shall perform start-up of the OSHG system following confirmation of correct installation and confirm all system equipment is functioning properly
- D. Respondent will work with the City to perform performance testing and verify system operation in RMWTP treatment process and verify proper communication of alarms, indicators, and operational prompts
- E. Respondent shall modify or replace defective equipment and re-test if system fails to meet performance requirements

3.3 ON-SITE INSTRUCTION AND TRAINING

- A. At least one day (8 hours) of onsite training for the City's personnel
- B. Furnish the City with electronic versions and at least two (2) hard-copies of the O&M Manual for the system
- C. Provide the City with as-built drawings of vendor supplied equipment in current AutoCAD and .pdf file formats

3.4 WARRANTY

- A. Warranty term shall be two (2) years after project date of substantial completion for the complete OSHG system. The Respondent shall warrant all equipment to be of quality construction, free of defects in material and workmanship. A written warranty shall include specific details.
- B. All necessary equipment, repairs, replacement, and labor shall be made at no expense to the City.
- C. All components shall be manufactured, assembled and tested as a unit by a single supplier and the supplier shall retain complete system responsibility.
- D. Components failing to perform as specified by the Engineer, or as represented by the Respondent, or as proven defective in service during the warranty period, shall be replaced, repaired, or satisfactorily modified by the Respondent without cost of parts to the City.

3.5 SPARE PARTS LIST: Respondent to provide the following equipment during start-up and testing phases as described in section 3.2.

- A. One (1) electrolytic cell
- B. One (1) metering pump for each metering application, as applicable
- C. One (1) brine pump
- D. One (1) differential pressure switch
- E. One (1) cell level switch
- F. One (1) cell temperature switch
- G. One (1) cell temperature sensor
- H. One (1) solenoid valve
- I. One (1) spare rotameter of each size used on the system
- J. One (1) of each instrument normally attached to the electrolytic cell if not listed here
- K. One (1) complete set of spare fuses (Control Panel and Rectifier)
- L. Complete set of gaskets

3.6 PROPOSAL SELECTION

- A. Proposal Acceptance and Proposal Evaluation

1. Provided that the proposals are delivered to the City at the time, place, and under the conditions contained herein, the proposals shall be conditionally accepted without alteration or correction pending evaluation.
 2. The City reserves the right for the following:
 - a. Reject any proposal for any reason
 - b. Seek clarification to bid submittals
 - c. To issue subsequent bids
 - d. To not award a contract
- B. Proposal Evaluation Process
1. The Proposal shall be selected in accordance with the procedures set forth herein.
 2. Selection shall occur with reasonable promptness by appropriate written notice to the Respondent whose Proposal meets the requirements and criteria set forth in the Proposal Form.
 3. Proposals will be evaluated based on responsiveness, capability and past performance as evidenced by the requested references, technical elements, equipment footprint, price, and life-cycle costs.
 4. In addition to price and other material factors, the City, in consultation with Engineer, shall consider the following in the context of selection:
 - a. Equipment installation list and references
 - b. Operational flexibility
 - c. The ability, capacity, and skill of the Respondent to provide the services required
 - d. The quality and availability of the Respondent's technical support and service staff. The Respondent shall provide resumes of technical support and service staff.
 - e. The capability of the Respondent to perform the contract or provide the service promptly, or within the time specified, without delay or interference
 - f. The character, integrity, reputation, judgment, experience, and efficiency of the Respondent
 - g. The sufficiency of the financial resources of the Respondent relating to their ability to perform the contract
 - h. Delivery schedule
 - i. Respondent terms and conditions

PART 4 SUBMITTAL REQUIREMENTS

Submit an original of your response to this Request for Proposal to the City of Glenwood Springs, Procurement Department, on or before 2:00 p.m. (local time), **March 15, 2019** (note: this is not a postmarked date). Submittal by Fax is NOT acceptable. Bids may also be submitted electronically to **bidresponse@cogs.us** no later than the required time and date. Include the Bid title and #BD2019-026 in the subject line of the email. If email responses are not sent to the email address listed above, they will be considered as non-responsive and will not be accepted.

Emailed copies of each Proposal are limited to a maximum of 15 MB capacity. Proposals exceeding the 15 MB limit may be split into multiple files each less than 15 MB total size. Please use the Delivery Receipt option to verify receipt of your email.

Respondent shall guarantee their proposal for 180 days from the proposal due date. It is anticipated that an agreement or purchase order from the City will be received prior to this date. If the project is delayed due to regulatory agency review or other unforeseen reasons, the impact of such delay on equipment cost shall be known and stated by the Respondent in their proposal.

Mail or deliver responses in a sealed package to:

**City of Glenwood Springs
Procurement Department, First Floor
101 W. 8th Street
Glenwood Springs, CO 81601**

with the following information clearly delineated on the outside of the package:

**Name of the Firm
BD# 2019-026
On-Site Sodium Hypochlorite Generation System
Due date: March 15, 2019 (2:00 P.M.)**

Bids may also be submitted electronically to bidresponse@cogs.us no later than the required time and date. Include the Bid title and #BD2019-026 in the subject line of the email.

Late Responses: Responses received after the time and date specified, whether delivered or mailed, will not be considered and will be returned to the submitting party unopened. It is the sole responsibility of each respondent to ensure that their submittals arrive at the office of the Procurement Department prior to the time and date specified.

PART 5 INQUIRIES

Questions which arise during the RFP preparation period regarding issues around this RFP, purchasing and/or award should be directed, in writing, via fax, email or U.S. mail, to Mary Lou Haflinger, Contracts Coordinator, Procurement Department, City of Glenwood Springs, 101 West 8th Street, Glenwood Springs, Colorado 81601, marylou.haflinger@cogs.us, fax number 970-945-2597. The vendor submitting the question shall be responsible for ensuring that the question is received by the Procurement Department by **March 1, 2019**.

Any official interpretation of this RFP must be made by an agent of the City's Procurement Department who is authorized to act on behalf of the City. The City shall not be responsible for interpretations offered by employees of the City who are not agents of the City's Procurement Department.

PART 6 INSURANCE REQUIREMENTS

The Contractor shall purchase and maintain at its own expense, insurance which is at least as broad, and with limits at least as great as outlined below:

General Liability

Policy form:	Occurrence
Policy Aggregate	\$ 2,000,000
Products/completed operations aggregate	2,000,000
Each occurrence limit	1,000,000
Personal & advertising injury limit	1,000,000
Products/completed operations Defense in excess of limits	
Per location / per job aggregate limit	
Blanket contractual Independent contractors	

Primary & non-contributory
Show Waiver of Subrogation in favor of the City All locations / operations
(if not, show city job/location specifically)
Name the City as "Additional Insured"

Automobile Liability:

Combined single limit: \$ 1,000,000
Any auto (or Hired & Non-owned, if you own no vehicles)
Show Waiver of Subrogation in favor of the City
Primary & non-contributory
Auto pollution liability(IF you carry any hazardous cargo)
(If the Vendor is providing repairs to City vehicles on the Vendor's property, the Vendor shall possess Garage Liability Insurance, covering premises, auto and completed operations)
Name the City as "Additional Insured"

Workers' Compensation:

Workers Compensation benefits: per Colorado Statute
Employers liability – limit per accident \$ 100,000
Employers liability – limit per disease 100,000
Employers liability – disease aggregate 500,000
All owners/officers who will be on City property or job site must be covered
Show Waiver of Subrogation in favor of the City
Coverage must apply to workers in Colorado

PART 7 INDEMNIFICATION

The successful Vendor shall indemnify and hold the City harmless from any and all claims, liabilities, losses and causes of action which may arise out of the fulfillment of the Vendor's contractual obligations as outlined in this Solicitation. The Vendor or its insurer(s) shall pay all claims and losses of any nature whatever in connection therewith, and shall defend all suits, in the name of the City when applicable, and shall pay all costs and judgments which may issue thereon.

PART 8 RESPONDENT DUE DILIGENCE

Each respondent shall judge for themselves as to all conditions and circumstances having relationships to the RFP, and become informed about the unique challenges of working in the City of Glenwood Springs. Failure on the part of any Respondent to make such examination and become informed shall not constitute ground for declaration of not understanding the conditions with respect to making its RFP.

PART 9 CONFIDENTIAL OR PROPRIETARY INFORMATION

All submittals in response to this RFP become public record and therefore become subject to public inspection. Any confidential information contained in your submittals must be clearly identified as such or it will not be treated as confidential or proprietary by the City and then only to the extent allowable by law in the Open Records Act. Unrestricted disclosure of proprietary or confidential information by the respondent places it in the public domain. Proprietary or confidential information is defined by the City to be any information that is not generally known to competitors and which may provide a competitive advantage. Submittals in their entirety cannot be specified confidential or proprietary.

PART 10 AMENDMENTS

In the event that it becomes necessary to revise any part of this RFP, or if additional information is necessary to enable the respondent to make an adequate interpretation of this RFP, a supplement to the RFP will be provided to each potential Respondent who has obtained a RFP and registered with the City's Procurement Department. Amendments to this RFP may be issued at any time prior to the time set for

receipt of proposals. Respondents are required to acknowledge receipt of any amendments by submitting a signed copy of each amendment issued. Signed copies must be submitted as part of the signed RFP submittal.

PART 11 WITHDRAWAL OR MODIFICATION OF RFP

Any respondent may modify or withdraw a RFP in writing at any time prior to the deadline for submission of the RFP. Any request for withdrawal of a RFP must be signed by the individual who signed the initial RFP.

PART 12 ACCEPTANCE

- A. Any RFP received shall be considered an offer, which may be accepted by the CITY OF GLENWOOD SPRINGS based on initial submission without discussions or negotiations.
- B. Acceptance time. By submitting an offer in response to this solicitation the respondent agrees that any offer it submits may be accepted by the CITY OF GLENWOOD SPRINGS at any time within 90 days from the closing.
- C. The CITY OF GLENWOOD SPRINGS reserves the right to reject any or all offers received in response to this solicitation and to waive informalities and minor irregularities in offers received, and/or to accept any portion of the offer if deemed in the best interest of the CITY OF GLENWOOD SPRINGS.
- D. Failure of the respondent to provide in its RFP any information requested in the RFP may result in rejection for non-responsiveness.

PART 13 RFP PREPARATION COST

Expenses incurred by prospective respondents in preparation, submission, and presentation of this RFP are the responsibility of the respondents and cannot be charged to the City.

PART 14 AWARD

It is the intent of the City of Glenwood Springs to select the individual or company best qualified and technically able to provide the required services. Selection of an individual or company will be made on the proposals received as set out in the selection criteria.

The City will issue a contract after award for the design services. Upon completion of the design and acceptance and approval by the CDPHE, the City will issue a Purchase Order for the equipment.

PART 15 SUBMITTAL OWNERSHIP

- A. All materials submitted with regard to this solicitation shall become the property of the CITY OF GLENWOOD SPRINGS and will only be returned at the CITY OF GLENWOOD SPRINGS's option. The CITY OF GLENWOOD SPRINGS shall have the right to use all ideas or adaptations of the ideas contained in proposals received, subject to the confidential or proprietary limitations contained herein. Disqualification of any document does not restrict or eliminate this right.
- B. Following the award of a contract, responses to this solicitation may be subject to release as public information unless the response requests otherwise and specific parts of the response can be shown to be exempt from public information. Respondents are advised to consult with their legal counsel regarding disclosure issues and take the appropriate precautions to safeguard trade secrets or any other proprietary information. The CITY OF GLENWOOD SPRINGS assumes no obligation or responsibility for asserting legal arguments on behalf of potential Respondents.
- C. This is not a public bid opening; therefore, the City of Glenwood Springs will release a list of vendors who submitted proposals if requested. The CITY OF GLENWOOD SPRINGS will confirm receipt of your RFP if requested.

PROPOSAL FORM

PROPOSAL

A. Bid 1 – Electrical Alternate A: Total Price for the OSHG System (price guaranteed for 180 days from Date of Proposal):

_____ Dollars (\$ _____)

1. Cost Items

i. Design and Submittals

_____ Dollars (\$ _____)

ii. Equipment

_____ Dollars (\$ _____)

iii. Start-up, Testing Services Per 8-Hour Day for Qualified Factory Representative

_____ Dollars (\$ _____)

iv. Number of Days Required for Installation, Start-up, Testing Services

_____ Days

B. Bid 1 – Electrical Alternate B: Total Price for the OSHG System (price guaranteed for 180 days from Date of Proposal):

_____ Dollars (\$ _____)

1. Cost Items

i. Design and Submittals

_____ Dollars (\$ _____)

ii. Equipment

_____ Dollars (\$ _____)

iii. Installation, Start-up, Testing Services Per 8-Hour Day for Qualified Factory Representative

_____ Dollars (\$ _____)

iv. Number of Days Required for Installation, Start-up, Testing Services

_____ Days

C. Bid 2 – Electrical Alternate A: Total Price for the OSHG System for Alternative Layout 1 (price guaranteed for 180 days from Date of Proposal):

_____ Dollars (\$ _____)

1. Cost Items

i. Design and Submittals

_____ Dollars (\$ _____)

ii. Equipment

_____ Dollars (\$ _____)

iii. Installation, Start-up, Testing Services Per 8-Hour Day for Qualified Factory Representative

_____ Dollars (\$ _____)

iv. Number of Days Required for Installation, Start-up, Testing Services

_____ Days

D. Bid 2 – Electrical Alternate B: Total Price for the OSHG System for Alternative Layout 1 (price guaranteed for 180 days from Date of Proposal):

_____ Dollars (\$ _____)

1. Cost Items

i. Design and Submittals

_____ Dollars (\$ _____)

ii. Equipment

_____ Dollars (\$ _____)

iii. Installation, Start-up, Testing Services Per 8-Hour Day for Qualified Factory Representative

_____ Dollars (\$ _____)

iv. Number of Days Required for Installation, Start-up, Testing Services

_____ Days

PROPOSAL AUTHENTICITY

The undersigned Respondent hereby certifies:

1. That this Proposal is genuine and is not made in the interest of, or in the behalf of, any undisclosed person, firm, or corporation,
2. That Respondent has not directly or indirectly induced or solicited any other Respondent to put in a false or sham Proposal;
3. That Respondent has not solicited or induced any person, firm, or corporation to refrain from quoting; and
4. That Respondent has not sought by collusion to obtain for himself any advantage over any other Respondent or over the Owner.

Name of Respondent: _____

Business Address: _____

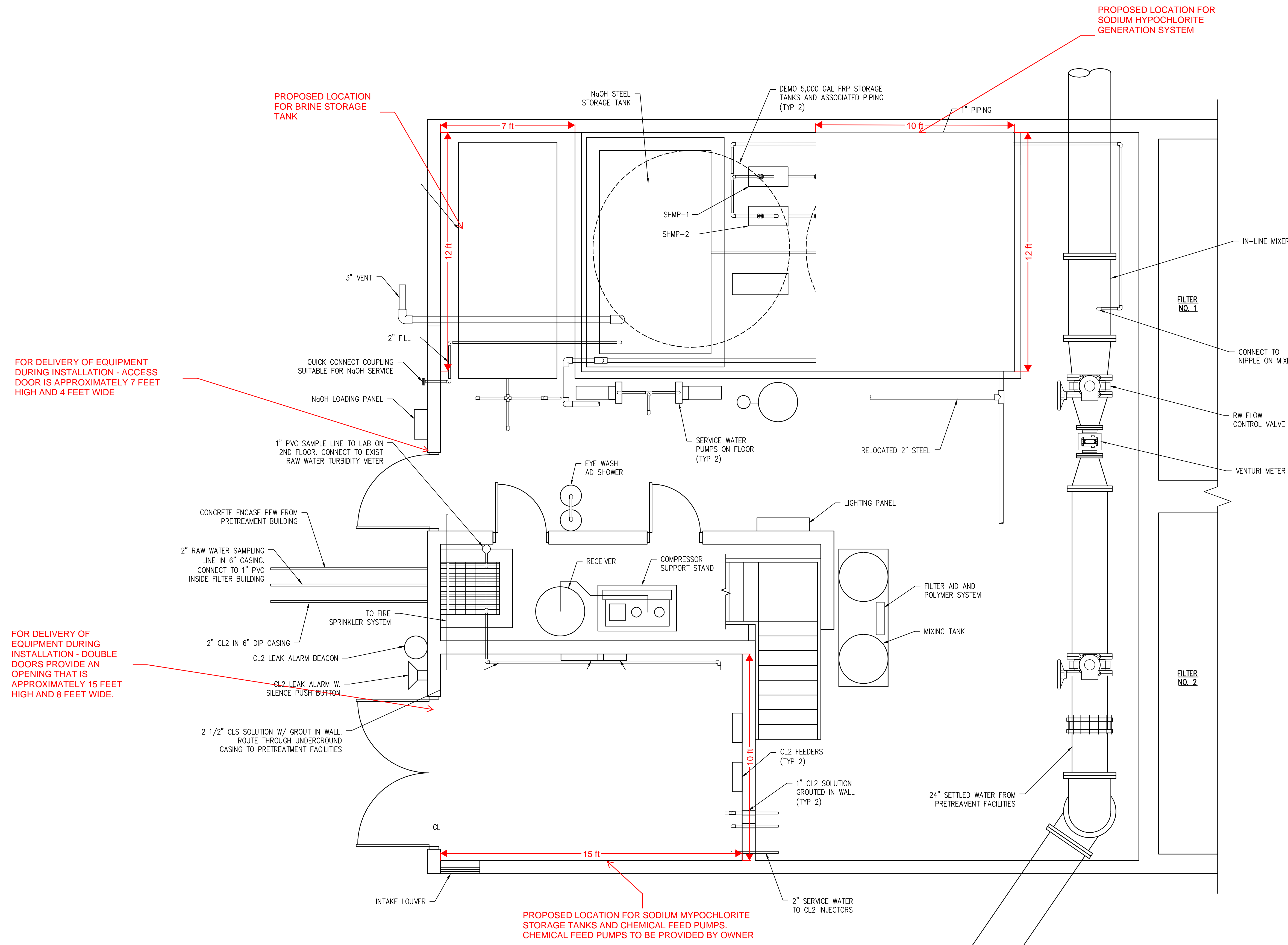
Telephone Number: _____ Fax Number: _____

Representative: _____

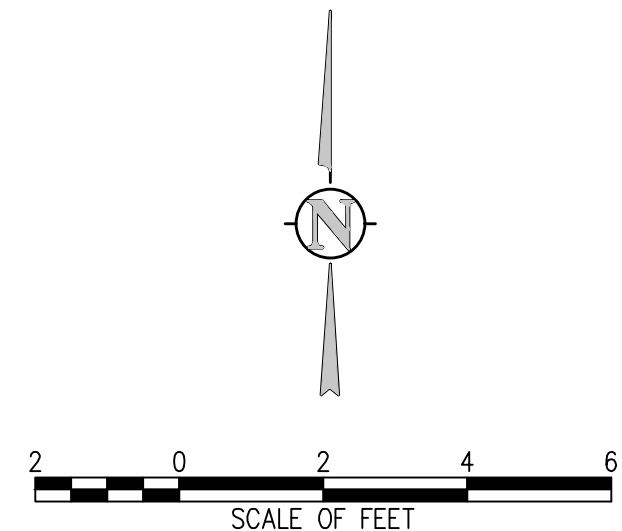
Signature: _____

Email Address: _____

ATTACHMENT 1 - BASE BID PROPOSED LAYOUT



GROUND FLOOR PLAN
 3/8" = 1'-0"



NO.	DATE	DESIGNED BY	DESCRIPTION

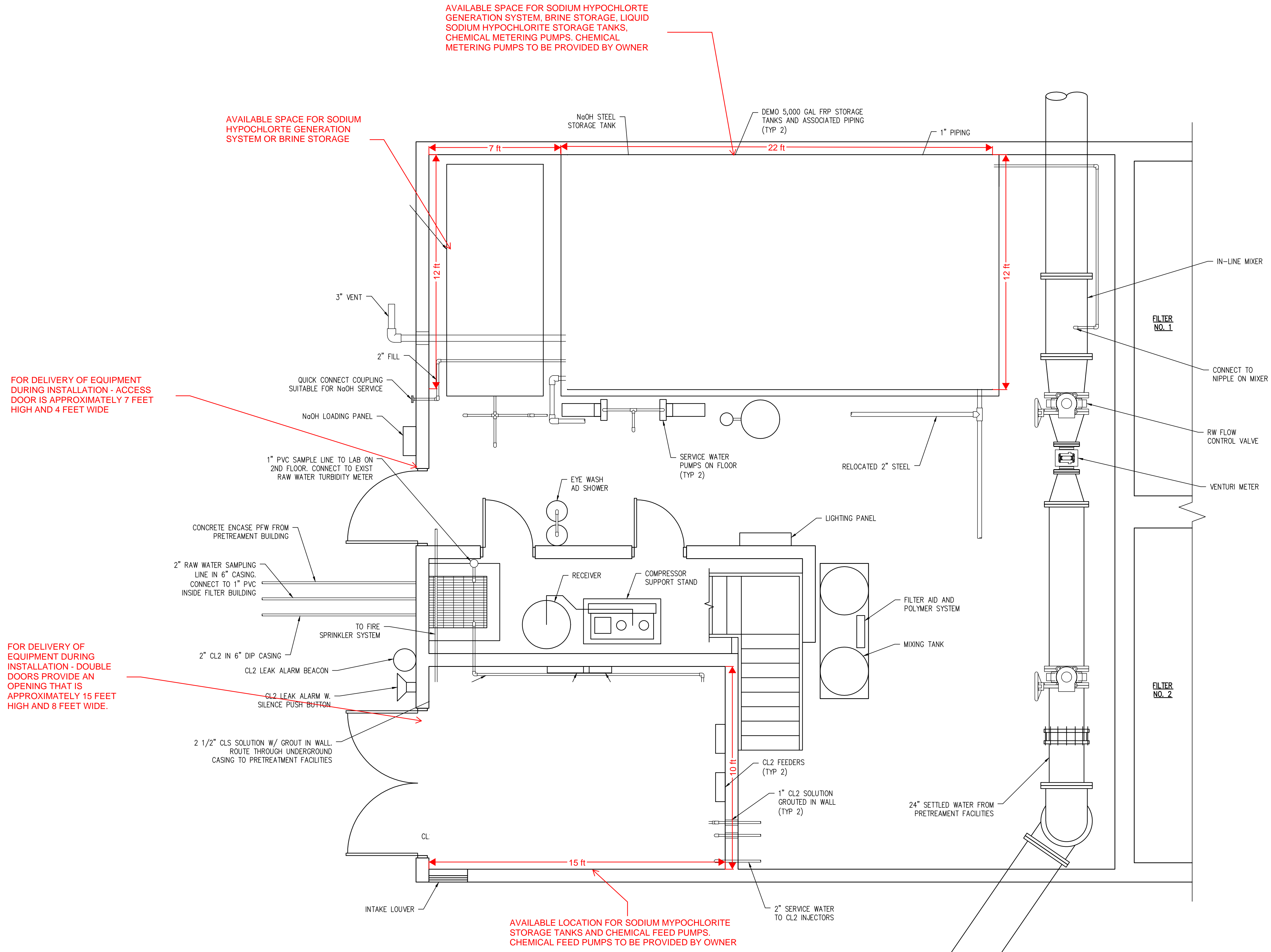
DESIGNED BY:	BLM
DRAWN BY:	LLG
CHECKED BY:	JJM
JOB #:	1007e
DATE:	FEBRUARY 2019
© JVA, INC.	

WATER PRETREATMENT FACILITIES
 ON-SITE HYPOCHLORITE GENERATION
 GLENWOOD SPRINGS, COLORADO

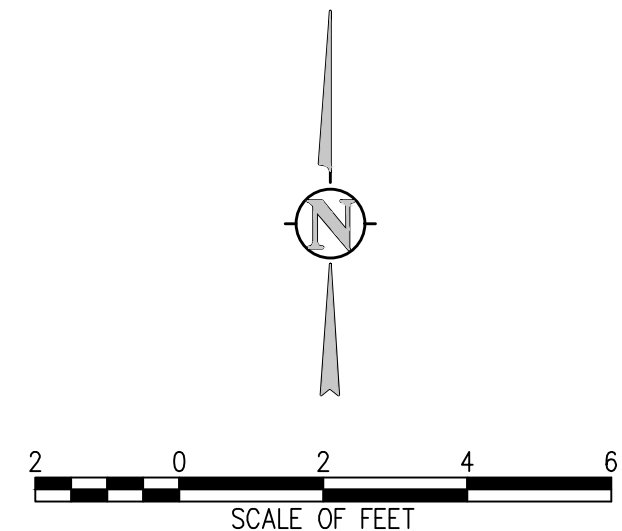
GROUND FLOOR

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ATTACHMENT 2 - BID ALTERNATE 1 PROPOSED LAYOUT



GROUND FLOOR PLAN
 3/8" = 1'-0"



NO.	DATE	DESIGNED BY	DESCRIPTION

DESIGNED BY:	BLM
DRAWN BY:	LLG
CHECKED BY:	JJM
JOB #:	1007e
DATE:	FEBRUARY 2019
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WATER PRETREATMENT FACILITIES
 ON-SITE HYPOCHLORITE GENERATION
 GLENWOOD SPRINGS, COLORADO

GROUND FLOOR

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