

detroit@wvi.com

From: Matt Del Moro <mdelmoro@hbh-consulting.com>
Sent: Wednesday, January 12, 2022 1:14 PM
Cc: detroit@wvi.com
Subject: RE: RE: Detroit Water System Controls Proposal
Attachments: Detroit Water System Site Location.kmz

All,

I wanted to send out a few more clarifications and extend the time to submit proposals to 8:00 AM on Friday January 14th. Please let me know if you have any questions. I have also included a kmz file of the locations of the sites identified in the emails below.

- Software and programming is by others
- No radio or cell studies will be needed for this work. A temporary cellular control system is currently in place and a cellular system will be used in the final design.
- A functional description and narrative should be completed with the controls design and be provided for the system integrator.

If you have any other questions, please don't hesitate to let me know.

Matt Del Moro, PE

Project Engineer

HBH Consulting Engineers, Inc.

501 E First Street | Newberg, OR 97132

main: 503-554-9553 | fax: 503-537-9554

email: mdelmoro@hbh-consulting.com

www.hbh-consulting.com

H B H
CONSULTING
ENGINEERS

From: Matt Del Moro
Sent: Friday, January 7, 2022 10:12 AM
Cc: detroit@wvi.com
Subject: RE: Detroit Water System Controls Proposal

All,

I wanted to clarify a few items from the prior sent email.

- Organization of Proposal: A breakdown of design fees at each site would be helpful based on the sites listed below.
- Mackey Creek: There are currently no controls at Mackey Creek. The only item needing to be integrated into the controls is the actuated valve which is located at the 5,000-gallon raw water tank at the Water Treatment Plant. No other controls are needed at the Mackey Creek site and as such it does not need to be included as a line item in your proposal, the description below for Mackey Creek only is informational.
- Silver Bullet Site: The Raw Water Reservoir referenced at this site is the Silver Bullet Reservoir. The "Raw Water Tank" referenced is the 5,000-gallon polyethylene holding tank at the Water Treatment Plant.

operational prior to the winter of 2022. This means the target date for advertising the project for bids will be no later than the middle of April. However, completing the work ahead of schedule will be viewed positively. **A schedule for beginning and completing work should be included with each proposal.** Proposals are requested to be received back by **Wednesday, January 12th at 3:00 PM.**

System Description

Prior to the fire, the City of Detroit utilized a slow sand filter for primary water treatment. Raw water was sourced through the Breitenbush River and Mackey Creek. Mackey Creek was the primary water source in the spring, fall, and winter. However, during the summer, Mackey Creek dries up and the City swapped over to the Breitenbush River. Raw water from Mackey Creek gravity flows through a 4" HDPE and PVC transmission main connected to the diversion structure. Water leaving Mackey Creek enters a 1,000-gallon polyethylene tank near the intake before gravity flowing down to a 5,000-gallon polyethylene raw water tank at the water treatment plant. At the Breitenbush River, raw water is pumped up to the Silver Bullet Reservoir/Pump Station for storage before being pumped up to the 5,000-gallon raw water tank at the treatment plant. The finished treatment plant will utilize both the old Sand Filters as well as a new packaged membrane filtration system for water treatment. Through the SCADA system, operators should have the ability to select the desired raw water source as well as the desired treatment technology. These settings should remain the preset until changed by the operator.

Mackey Creek Intake

The Mackey Creek Intake consists of a diversion structure with a intake pipe and screen. Water enters the intake pipe through the screen and gravity flows to the 1,000-gallon raw water tank. There are no controls or instrumentation on this 1,000-gallon tank. From this tank, raw water gravity flows into a 5,000-gallon raw water tank at the water treatment plant. There is currently an electrically actuated butterfly valve controlling influent into the raw water tank from Mackey Creek. A level sensor inside the raw water tank is connected to a WesTech packaged temporary ultrafiltration system. The WesTech HMI currently controls the actuated valve from Mackey Creek opening the butterfly valve when the water level in the tank drops below a low level. In the finished system, a larger membrane packaged plant of undetermined manufacturer will replace the temporary equipment. In the finished plant, the SCADA system will need to control the Mackey Creek valve based on tank level and operator settings.

Silver Bullet Pump Station

When operators select the use of the Breitenbush River as the water source, the SCADA system will need to use level sensors inside the 5,000-gallon raw water holding tank at the WTP to call for water from the Silver Bullet Pump Station and Reservoir. Two 250 GPM pumps with VFDs and configured in a lead lag setting will pump water from the Silver Bullet Raw Water Reservoir to the 5,000-gallon raw water tank at the WTP. The Silver Bullet Reservoir has instrumentation inside the reservoir to read tank levels and flow meters are on the effluent end of the pumps. The operators should be able to read the level in the raw water reservoir through the SCADA system and should have control over the Silver Bullet VFDs at the WTP. **The Silver Bullet Pump Station sustained minimal damage and has currently been repaired back to full operation. Existing equipment should be reused where possible and integrated into the control system so as to limit the amount of equipment needing to be replaced and to reduce overall costs.**

Breitenbush Pump Station

As water levels inside the Silver Bullet Pump Station reaches a low level, the SCADA system should be sent to the Breitenbush Pump Station to begin pumping water. The Breitenbush Pump Station consists of two 250 GPM pumps without VFDs operating in lead lag fashion. Water from the Breitenbush River gravity flows into the wetwell through an intake pipe with a fish screen. A backflush is present at the pump station to clean off the intake screen. An actuated valve is located on the discharge line of one of the pumps that opens allowing pumped water to feed back through the intake pipe and blow off the fish screen. The valve currently operates on a timer based on operation time.

Water Treatment Plant

From the 5,000-gallon raw water tank, water will be pumped to either the membrane filtration system or the sand filters based off operator settings. This will be controlled by two electrically actuated valves. A flow meter exists immediately downstream of the 5,000-gallon raw water tank and prior to being directed to either treatment technology. Water is

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501 E First Street
Newberg, Oregon 97132
phone 503-554-9553
fax 503-537-9554

January 14, 2022

City of Detroit
PO Box 589
Detroit, OR 97342

Attn: Kelly Galbraith, City Recorder

Re: Water System Controls Design

Dear Council,

Prior to the fire, process control system was retrofitted and serviced by Portland Engineering and is a cellular system. The SCADA controls system was designed to control operation of each individual site from one central location. The system controlled the operation of the raw water pumps at the Breitenbush and Silver Bullet sites as well as the feed pumps at the WTP, turbidimeters, flow meters, and chemical pumps. An autodialer alarm will contact the operator should system alarms be triggered. A new SCADA Control system is needed to provide control of the systems around town and also provide a recording of instrument reading within the system. SCADA systems are an integral part of a water system.

To provide a uniform system, HBH recommends the City contract directly with a controls engineer to design the control system for the entire water system. The intent of this contract is to design a new control system that returns the City to as close to prefire conditions as possible. Prior to the last council meeting, HBH had requested R&W Engineering provide a quote to design a SCADA system for the City. HBH has since requested quotes from other engineers in an informal quote solicitation process. A description of the work was sent out to six different engineering firms; R&W Engineering, Camtronics, The Automation Group (TAG), Portland Engineering, Fluent Engineering, and Landis Consulting. Each company is believed to be qualified to complete the work required for a functioning water system.

There are limited records of the system that existed prior to the fire. As a result, HBH recommends the City either modify an existing contract or create a new contract with Portland Engineering to provide consultation with the selected control system designer to assist the designer in returning the system as close to prefire conditions as possible. In speaking with Portland Engineering, consultation could be given at an initial kickoff meeting, 30% design, and as needed during early design of the system. Portland Engineering anticipates 10 hours for consultation services that wouldn't exceed \$2,000 without prior authorization.

Many of the engineers are facing significant work loads and expressed they could not be able to complete the design quickly enough to allow the water treatment plant project to go out to construction in the 2022 calendar year. The City received proposals back from R&W Engineering and Landis Consulting. Copies of these proposals are attached to this letter of recommendation.

There are a few minor differences between the quotes submitted. One significant difference between the submitted quotes is R&W Engineering has offered to complete construction

services under existing electrical engineering contracts. R&W Engineering is currently a subcontractor for HBH Consulting Engineers and is providing electrical engineering design of the Water Treatment Plant building. Both engineers will work closely with a system integrator (yet to be selected) to provide coordination of the integrating and programming of the designed control system.

Schedules proposed by both engineers provide a similar timeline for completion of work. Alterations to designs and determinations made at kickoff meetings are always bound to revise schedules. The schedules provided provide a good overview of the availability of the engineers to complete the design of the work.

Each engineer submitted a fee to complete the control system design at each of the following sites: Breitenbush Intake/Pump Station, Silver Bullet Reservoir/Pump Station, Water Treatment Plant, Reservoir A, Control Building B, and Reservoir B. Work at Reservoir A, Control Building B, and Reservoir B could be combined into work at the Water Treatment Plant due to the proximity of the sites. However, it was noted that much of the existing controls at Silver Bullet, Reservoir B, and Control Building B are still existing. The expectation is to incorporate these controls to reduce overall costs to complete design and construction.

Landis Consulting submitted a fixed lump sum fee of \$86,910 for the Water Treatment Plant site, \$23,480 for the Breitenbush Pump Station site, and \$23,480 for the Silver Bullet Pump Station site. In total, the fixed lump sum fee for Landis Consulting was \$133,870.

R&W Engineering submitted a time and materials fee, not to exceed \$6,750 for general services, \$7,000 for the Breitenbush River Intake site, \$3,900 for the Silver Bullet Reservoir site, \$9,800 for the Water Treatment Plant site, and \$4,000 for the combined Reservoir B and Control Building B site. The total time and materials fee for R&W Engineering is not to exceed \$31,450.

Due to the schedules and work detailed in the proposal and the fee summarized above, HBH recommends the award of the controls system design to R&W Engineering.

If you have any further questions, please do not hesitate to reach out to me.

Sincerely,
HBH Consulting Engineers, Inc.

Matthew Del Moro, PE
Project Manager



January 10, 2022

P77.P22.001
Revision 1

City of Detroit
PO Box 589
Detroit, OR 97342

Attention: Mayor James Trett

Subject: Water System Controls & SCADA

Dear Jim:

R&W Engineering, Inc. is pleased to provide you with the following proposal for professional electrical engineering services. We have included our scope of work, fee proposal, rate schedule, standard terms and conditions, and proposed project schedule for your use. We look forward to the opportunity to work with you on this project.

Project Understanding:

Project Location: Detroit, OR

Project Description: Design a system for monitoring and control of the City of Detroit Water Supply and Treatment. The water treatment system will use a package filter with integral controls. Our system will design a Supervisory Control and Data Acquisition (SCADA) system for raw water supply, raw water storage, treatment, and finished water storage, while incorporating the sites that are able to be re-used. The scope of work below describes each sites design needs in more detail.

Client Contact: Continuing support to the City of Detroit while working with HBH Consulting Engineers to replace facilities damaged by fire in 2020. Follow up email from Matt Del Moro on January 6, 2022.

Scope of Work:

1. General

- 1.1. Meet with HBH and the City to determine project expectations and desires for control and SCADA.
- 1.2. Visit water system sites throughout the City to document existing conditions.

- 1.3. Research and recommend communication method for overall system integration. Meet with the City Integrator to review system requirements.
- 1.4. Prepare Functional Description document and system block diagram. Present to the project team for review and comment.
- 1.5. Prepare drawings and specification for construction. Drawings will be prepared for each site. Specifications will be a common document that is applicable to all project sites.

2. Mackey Creek Raw Water Supply

- 2.1. Integrate control of the supply line valve at the Water Treatment Plant to allow operator selection of preferred supply to raw water storage tank.
- 2.2. Arrange SCADA system to allow addition of control panel at potential future Mackey Creek Pump Station.

3. Breitenbush River Intake

- 3.1. Design a control system to monitor wet well level and operate two lift pumps from a signal at the Silver Bullet Reservoir. Control the screen flush system based on a set time interval.
 - 3.1.1. Design control panel power including uninterruptable power supply and surge suppression
 - 3.1.2. Design programmable controller I/O for analog and digital signals required for pumping and flushing operation.
 - 3.1.3. Prepare control panel layout drawings including operator interface.
- 3.2. Design pump starter schematic diagrams
- 3.3. Prepare interconnection diagrams for the following:
 - 3.3.1. Wet well level monitoring
 - 3.3.2. Pump call
 - 3.3.3. Pump operation status
 - 3.3.4. Screen flush valve
 - 3.3.5. Building intrusion
 - 3.3.6. Alarm monitoring and reporting

4. Silver Bullet Reservoir

- 4.1. Integrate the existing control system into the overall SCADA control design for control of the following:
 - 4.1.1. Pump call and speed control from the WTP.
 - 4.1.2. Reservoir level monitoring from the WTP

- 4.1.3. River intake pump call when Breitenbush River source is selected by the operator.

5. Water Treatment Plant (WTP)

- 5.1. Design a control system to monitor and control the raw water supply from two sources and provide interface with a package treatment skid control system. Include pump control for sand filter pumps, sand filter finished water pumps, and monitoring and display for level and flow at finished water Reservoir A.
 - 5.1.1. Design control panel power including uninterruptable power supply and surge suppression
 - 5.1.2. Design programmable controller I/O for analog and digital signals required for pumping, monitoring, and display.
 - 5.1.3. Prepare control panel layout drawings including operator interface.
- 5.2. Prepare interconnection diagrams for the following:
 - 5.2.1. Reservoir A level monitoring
 - 5.2.2. Raw water valve control
 - 5.2.3. Sand filter pump control and status for raw and finished water
 - 5.2.4. Filter control system integration
 - 5.2.5. Finished water flow/total
 - 5.2.6. Chlorine monitoring and dosing
 - 5.2.7. Interface control for chemical pumping
 - 5.2.8. Valve monitoring for supply to Reservoir B

6. Reservoir B

- 6.1. Integrate the existing control system into the overall SCADA control design for control of the following:
 - 6.1.1. Chlorine monitoring and dosing control
 - 6.1.2. Reservoir level monitoring and alarm.

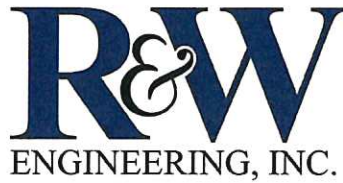
Assumptions:

1. Building design and conduit layout will be done under a separate scope of work and fee.
2. Meetings will be held by telephone or computer conference except for one on-site meeting where State of Oregon COVID protocols will be met.
3. Construction, programming, startup, and testing will be by others.
4. Construction review services will be provided under design and services during construction contracts with HBH.

Schedules:

The project will likely require a phased approach, addressing each site individually. Because replacement of the Water Treatment Plant site is progressing first and is anticipated to be the master site for the overall SCADA system design, our schedule will address this site first with other sites progressing as desired by the City of Detroit and project engineering staff. Our proposed schedule for each site follows:

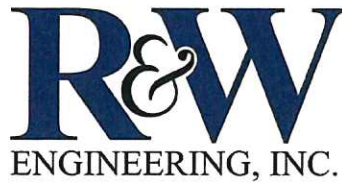
1. Water Treatment Plant/Treated Water Reservoir A
 - a. Begin Design – as soon as notice to proceed (NTP)
 - b. Prepare functional description – 2 weeks after kick-off meeting
 - c. 90% design documents – 4 weeks after approved functional description
 - d. City and project team review – 1 week
 - e. Final signed documents – 1 week after final review comments
2. Breitenbush River Intake
 - a. Begin design – as soon as NTP by City and engineering team
 - b. 90% design documents – 3 weeks
 - c. City and project team review – 1 week
 - d. Final signed documents – 1 week after final review comments
3. Silver Bullet Reservoir and Pump Station
 - a. Design minor modifications – 1 week concurrent with WTP design effort
4. Reservoir B/Control Building B
 - a. Design minor modifications – 1 week concurrent with WTP design effort



2022 HOURLY BILLING RATES

PRINCIPAL _____	\$205.00/hr
PROJECT MANAGER _____	\$185.00/hr
SENIOR ENGINEER II _____	\$170.00/hr
SENIOR ENGINEER I _____	\$137.00/hr
ENGINEER _____	\$125.00/hr
SENIOR TECHNICIAN II _____	\$132.00/hr
SENIOR TECHNICIAN I _____	\$105.00/hr
TECHNICIAN/DESIGNER _____	\$95.00/hr
PROJECT SUPPORT _____	\$80.00/hr
CLERICAL _____	\$53.00/hr
MILEAGE _____	IRS ALLOWABLE EXPENSES PLUS 10%
OTHER EXPENSES _____	COST PLUS 10%

Expires: December 31, 2022



STANDARD TERMS AND CONDITIONS

January 5, 2021

The following terms and conditions are intended for incorporation by reference into quotations and agreements, orders, or authorizations for professional services ("Agreement") entered into between R&W Engineering, Inc. (R&W) and the Client.

1. R&W professional services consist of and are limited to those services performed enumerated in the Agreement. R&W's services shall be performed consistent with and limited to the professional skill and care ordinarily provided by consultants practicing in the same or similar locality under the same or similar circumstances ("Standard of Care"). R&W shall perform its services as expeditiously as is consistent with professional skill and care and the orderly progress of the Project. Such Standard of Care is not a warranty or guarantee, and R&W shall have no such obligation.
2. Additional services, over and above those stated in the Agreement, may be provided if authorized or confirmed by the Client and will be paid for by the Client as provided below unless otherwise specifically provided in the Agreement. Such services will be charged at R&W's standard rates in effect when performed. Costs will be reimbursed according to R&W's standard reimbursement rates in effect when incurred, and if no rate is in effect, at R&W's cost plus the standard markup on such costs. R&W will provide the Client with a statement of its current standard rates upon request.
3. The Client will provide full information as to the Client's requirements for the project as may be requested by R&W from time to time. R&W will notify Client of errors and/or discrepancies in such information to the extent they are actually identified, but otherwise shall be entitled to rely on the adequacy and accuracy of information provided by the Client. The Client will examine and respond promptly to R&W's submittals and inquiries and will provide prompt written notice to R&W whenever the Client observes or otherwise learns of any defect in the services performed by R&W or in the work performed appurtenant to such services.
4. All documents, including drawings and specifications, provided by R&W are instruments of service with respect to the particular project for which they are provided, and R&W shall retain its ownership and property interest in such documents whether or not the project is completed. The Client may make, distribute, and retain such copies as are reasonably necessary for information and reference in connection with the construction, use, and occupancy of the particular project for which the documents are provided. Such documents are not intended or represented to be suitable for re-use by the Client or by others for any other purpose. Any additional use or re-use, without the written consent of R&W, shall be at the Client's sole risk and without liability or legal exposure to R&W or its subconsultants and the Client shall indemnify and hold harmless R&W and its subconsultants from all claims, damages, losses, and expenses, including attorneys' fees arising out of or resulting from such use.
5. To the maximum extent permitted by law, the Client agrees to limit the total aggregate liability of R&W and its subconsultants for the Client's damages arising out of services performed with respect to any project to the sum of \$10,000 or to R&W's total fee for services rendered on such project, whichever is greater. This limitation shall apply regardless of the cause of action or legal theory pleaded or asserted.

6. Unless specifically stated otherwise in the Agreement, the following payment provisions shall apply. The initial deposit, if any, shall be retained and credited to the final payment due under the Agreement. R&W will invoice the Client as services are performed. Invoices are payable upon receipt and the Client shall not backcharge or withhold payment from R&W for any reason without R&W's specific written consent. Client has no right to withhold payment of any amounts due and owing as a set-off of any alleged claims against R&W. In the event R&W has to engage a collector or attorney, pursue collections, or file a lien to secure payment, Client will be responsible for all costs and fees associated with such activities regardless of whether suit or action is instituted. Invoices unpaid after thirty (30) days are delinquent and shall bear interest at the rate of one and one-half percent (1.5%) per month, or the maximum amount allowed by law, whichever is less, until paid. Failure to pay R&W's invoices within sixty (60) days of the due date will be considered a material breach, and R&W may terminate its services upon notice in writing to Client. R&W shall have no responsibility to provide deliverables or respond to requests for information from Client or any governing authority until amount owed is paid in full. R&W will not be responsible for any claims or damages which may arise as a result of Engineer exercising any of its rights in this paragraph.
7. R&W and the Client agree that any dispute arising under or related to the Agreement will be submitted to a mediator agreed to by both parties as soon as such dispute arises and, in any event, prior to commencement of arbitration or litigation. Such mediation shall occur at a place mutually convenient to the parties and the mediation fee and expenses shall be shared equally by the parties who agree to exercise their best efforts in good faith to resolve all disputes in mediation.
8. R&W will have the option to enforce payment of delinquent accounts by suit or action in a court of law or by arbitration. All other complaints, disputes and/or controversies that may arise out of or in connection with the agreement, order, or authorization, or services performed pursuant to such agreement, order, or authorization, including claims which might be pleaded or urged in a counterclaim or setoff in any action to enforce payment, shall be finally resolved by arbitration under the laws of the State of Oregon and in accordance with the Construction Industry Arbitration Rules of the American Arbitration Association. The decision of the arbitrator shall be final and binding upon the parties.
9. The Agreement shall be governed by the laws of the State of Oregon. R&W and the Client consent to the exclusive jurisdiction and venue of the State and Federal courts of Oregon.
10. Neither R&W nor the Client shall assign, sublet, or transfer any rights under or interest in this Agreement without the written consent of the other. Nothing contained in this paragraph shall prevent R&W from employing such independent professional associates and subconsultants as R&W may deem appropriate to assist in the performance of services. Further, nothing under this Agreement shall be construed to give any rights or benefits in this Agreement to anyone other than R&W and the Client. All duties and responsibilities undertaken pursuant to this Agreement will be for the sole and exclusive benefit of the Client and R&W and not for the benefit of any other party.
11. To the extent caused by the negligence or willful misconduct of either Party or those under its control and direction associated with this project, such Party shall indemnify and hold harmless the other Party from any and all third-party suits, claims, liabilities, or losses arising out of such negligence or willful misconduct.

Landis Consulting

ENGINEERING SERVICES

2022-01-14

Jim Trett
Mayor, City of Detroit
2340 Martin Drive #103
Stayton, OR 97383

Subject: Professional Services Proposal and Agreement
Detroit Water Treatment Control Systems Project – Detroit, OR

Dear Mr. Trett,

Thank you for contacting Landis Consulting for this project. Ben Perry is committed as the principal-in-charge and Devon Lute as Project Manager/Electrical Engineer. This letter confirms our understanding of the Scope of Work, presents our fee proposal for Professional Services, and will act as an Agreement and Notice to Proceed. This proposal is based on the initial email and phone conversations and draft P&ID.

1. Project Scope.

- a. New control system for the following:
 - i. New water treatment plant, including Reservoir A, Reservoir B and Control Building B
 1. Incorporate the existing WesTech membrane system
 2. New raw water pumps and tank, sand filters, chemical treatment, chlorine injection, backwash system, and reservoirs.
 3. Ability to select between Silver Bullet & Breitenbush Pump Stations.
 4. Investigate and re-use (to the extent practical) existing control equipment in Building B.
 - ii. Silver Bullet Pump Station
 1. Pump station sustained minimal damage and fire. Intent is to re-use as much equipment as practical.
 2. VFD pump monitoring and alarms.
 3. Reservoir level measurement and flow monitoring.
 4. Cellular connection to WTP.
 - iii. Breitenbush Pump Station
 1. VFD pump monitoring and alarms.
 2. Cellular connection to WTP.

2. Assumptions.

- a. Landis will include the following:

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- i. Development of P&IDs (I&C components)
 - ii. PLC control panel drawings
 - iii. Instrument loop drawings
 - iv. Control narrative
 - v. Vendor coordination of I&C components
 - vi. City has an integrator of record (Portland Engineering). Landis will work with PEI to incorporate their standards for PLC control panels, hardware, and instrumentation.
 - vii. Control and instrumentation specifications (Div 40)
 - b. Based on our existing workload, we propose to complete the WTP design by April 2022 and then complete the Breitenbush and Silver Bullet PS designs by June 2022.
 - c. The following will be provided by Others:
 - i. P&ID development of the mechanical and piping systems.
 - ii. PLC and SCADA programming and HMI/OIT screen development
 - iii. Conduits and conductors for all control and instrumentation systems. This is the “field wiring” between control panels, power panels, and instruments.
 - iv. All electrical engineering (Division 26 systems).
 - v. Motor starter, soft starter, and VFD wiring schematics to be developed by the Electrical Engineer.
 - vi. NO work at Mackey Creek intake.
 - vii. Owner has determined that no radio or cell studies are required. Cellular system will be part of the final design.
 - d. Other assumptions as outlined in Appendix B.
3. **Professional Services.**
 - a. Designing, bidding and construction services.
4. **Design Schedule.**
 - a. Our proposal is based on the following estimated design schedule. There may be a cost impact if the design or construction schedule is extended.
 - b. 100% Water Treatment Plant Construction Documents Complete by end of April 2022.
 - c. 100% Silver Bullet & Breitenbush Pump Stations complete by mid June 2022.
 - d. 100% Construction Complete by June 2023.
5. **Professional Fees.** Landis Consulting will provide its professional services for controls engineering on a fixed lump sum basis as follows.

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- a. Engineering Design Services Water Treatment Plant
- | | | |
|----|---------------------------------------|-------------|
| 1. | 50% Design | \$ 36,060 |
| 2. | 90% Design | \$ 27,310 |
| 3. | Construction Documents | \$ 4,200 |
| 4. | Bid Period Services | \$ 1,740 |
| 5. | Construction Period Services | \$ 17,600 |
| 6. | Warranty / Post-Construction Services | <u>\$ 0</u> |
| | Total Electrical Fees: | \$ 86,910 |
- b. Engineering Design Services Breitenbush PS
- | | | |
|-----|------------------------------|-----------------|
| 7. | 90% Design | \$ 13,520 |
| 8. | 100% Design | \$ 3,200 |
| 9. | Bid Period Services | \$ 1,240 |
| 10. | Construction Period Services | <u>\$ 5,520</u> |
| | Total Electrical Fees: | \$ 23,480 |
- c. Engineering Design Services Silver Bullet PS
- | | | |
|-----|------------------------------|-----------------|
| 11. | 90% Design | \$ 13,520 |
| 12. | 100% Design | \$ 3,200 |
| 13. | Bid Period Services | \$ 1,240 |
| 14. | Construction Period Services | <u>\$ 5,520</u> |
| | Total Electrical Fees: | \$ 23,480 |
- d. Reimbursables
- | | | |
|-----|---------|--------|
| 15. | Mileage | \$ 500 |
|-----|---------|--------|
6. *Design Meetings and Visits.*
- a. This proposal includes a budget of three (3) meetings in Detroit, OR. Additional meetings will be additional services.
- i. Kickoff meeting / investigate field conditions.
 - ii. Additional meeting for investigation of field conditions / coordination
 - iii. Review meeting
7. *Construction Visits.*
- a. This proposal includes four (4) site visits in Detroit, OR during construction for inspections. Additional site visits will be additional services.
- i. WTP Construction Progress
 - ii. WTP Final Punch

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- iii. Breitenbush PS Final Punch
- iv. Silver Bullet PS Final Punch

8. Additional Services.

- a. Additional Services or tasks may be provided at any time during the project as needed to meet project requirements. Landis Consulting will provide an Additional Service Request (ASR) describing the scope and compensation for added tasks and any schedule adjustments which may be required. Additional Services will commence only upon written approval of the ASR which will act as a Notice to Proceed for the ASR.

9. Design Agreement.

- a. It is understood that this document will be executed between City of Detroit and Landis Consulting. The Terms and Conditions in the Appendix of this proposal shall apply pending contract execution.

10. Printing Exclusions

- a. We have excluded the costs of printing documents for this entire project. We have assumed all deliverables, including but not limited to, Drawings, Specifications, Meeting Notes, Calculations, Estimates, Product Data, etc., will all be delivered to the Client in electronic (PDF) format. Printing of documents can be provided on a time & material basis upon request.

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We look forward to working with you towards the successful completion of this project. Please call or email me with any questions concerning our scope of work or proposal or if I may provide any additional information.

Respectfully submitted,



Ben Perry, PE

President

Ben_Perry@landisconsulting.com

503.606.8657

Encls: Attachment A, Landis Consulting Terms and Conditions
 Attachment B, Electrical Scope of Services
 Attachment C, Landis Consulting Electronic Document Requirements

Landis Consulting
ENGINEERING SERVICES

If this Proposal and Terms of Agreement are acceptable, please indicate your acceptance and our authorization to proceed with this work by signing below and returning one executed original to me.

Client _____ City of Detroit _____

Accepted by _____ Date _____

Print Name / Title _____

The Terms and Conditions included in Attachment A are part of this Proposal and Agreement, as well as the Scope of Services in Attachment B and the Electronic Document Requirements in Attachment C.

Landis Consulting

ENGINEERING SERVICES

ATTACHEMENT "A"

LANDIS CONSULTING TERMS AND CONDITIONS

These Terms and Conditions shall govern the agreement between Client and Consultant for this Project:

Definition: Project, design scope and schedule, professional fees, reimbursable expenses, Client and Consultant are as defined in the proceeding Professional Services Proposal and Agreement to these Terms and Conditions.

Standard of Care: In providing services under this Agreement, Consultant will endeavor to perform in a manner consistent with that degree of care and skill ordinarily exercised by members of the same profession currently practicing under similar circumstances.

Hazardous Materials: The Client agrees that the Consultant has no responsibility for discovery, presence, handling, removal or disposal of, or exposure of persons to, hazardous materials or toxic substances in any form at the Project site(s).

Notice to Proceed and Commencement of Services: Landis Consulting shall require a written Notice to Proceed prior to starting work and any Additional Services for the Project. Any Notice to Proceed shall also be authorization for Landis Consulting to invoice and procure payment for services performed.

Additional Services: Project design scope, process, and/or deliverables which are not identified by this Proposal are Additional Services. Landis Consulting will identify any work requested of us which is deemed to be outside or beyond our scope of services to our Client and will not proceed with any Additional Services until written authorization to proceed is received from the Client.

Project Schedule: This proposal is based upon the information about the project schedule provided by the Client at the time of the Proposal. Changes to the scope, revisions to the project, or significant schedule changes may require additional compensation and/or additional time to complete the work.

Value Analysis: We will provide ongoing value analysis throughout the design process. Value analysis (value engineering) after the issue of Bid Documents will be accepted on an Additional Services basis.

Requests for Information: The Consultant may review and approve or take other appropriate action on the Contractor's submittals such as shop drawings, product data, samples and other data which the Contractor is required to submit, but only for the limited purpose of checking for conformance with the design concept and the information shown in the Construction Documents. The Consultant's review shall be conducted with reasonable promptness while allowing sufficient time in the Consultant's judgement to permit adequate review. The Consultant shall not be responsible for any deviations from the Construction Documents not brought to the attention of the Consultant, in writing, by the Contractor.

Substitutions: The Consultant shall execute and make recommendations regarding a reasonable quantity of substitutions of materials, products or equipment proposed by the Client's other Consultants or Contractors. The Consultant shall be compensated for an unreasonable amount of substitution requests, as well as any services required to modify and coordinate the Construction Documents prepared by the Consultant with those of the Consultant's sub-consultants and/or the Client's consultants resulting from substitutions, as Additional Services. The Consultant shall also be entitled to an adjustment in schedule caused by such Client-requested effort.

Reproduction: This proposal assumes that the Client will be responsible for the printing/reproduction costs related to all Owner review, Bidding or Negotiation, and Construction Documents Phases' plans and specifications.

Reimbursable Expenses: The following are in addition to design fees compensation and are expenses incurred by us directly related to providing design services for this Project.

Reimbursable Expenses are billed at cost plus 10% for processing and may include:

- Transportation and living expenses in connection with out of town travel.
- International long-distance communication.
- Fees paid for securing approval of authorities having jurisdiction over this project.
- If authorized in advance by the Client, expenses of overtime work requiring higher than standard hourly billing rates.
- Expense of reproductions, postage, couriers, handling and delivery of Instruments of Service borne directly by the Consultant.
- Expense of any additional insurance coverage or limits, including professional liability insurance, requested by the Client or Owner in excess of the Consultant's standard limits.
- Testing equipment, rental fees, and costs of electrician/specialist to place, remove or investigate equipment or conditions of an existing installation.

Termination of Services: This agreement may be terminated by the Client or the Consultant upon not less than seven (7) calendar days' written notice to the other party for the Client's or Consultant's convenience and without cause. In the event of termination, the Client shall pay the Consultant for all services rendered to the date of termination, reimbursable expenses, and reimbursable termination expenses.

Change Order Liability: At no point during the execution of this contract shall Landis consulting be liable for change order costs, with the exception of extra effort or expense associated with a legitimate, proven design error. Otherwise, all change orders shall be the responsibility of the Owner, regardless of their magnitude relative to the base contract.

Dispute Resolution: Any claims or disputes between the Client and Consultant arising out of this Agreement shall be submitted to non-binding mediation. Client and Consultant agree to include a similar mediation agreement with all contractors, subcontractors, sub-consultants, suppliers and fabricators, thereby providing for mediation as the primary method of dispute resolution among all parties. This agreement shall be governed by and in accordance with the laws of the State of Oregon, venue exclusively in Marion County, Oregon.

Claims for Consequential Damages: The Client and Consultant waive consequential damages for claims, disputes and other matters in question arising out of or relating to this Agreement. This mutual waiver is also applicable, without limitation, to all consequential damages due to either party's termination.

Ownership of Instruments of Service: The Client acknowledges the Consultant's products of service, including electronic files, as instruments of professional service. Nevertheless, the final instruments of professional service prepared under this Agreement shall become the property of the Client upon completion of service and payment in full of all monies due to the Consultant. The Client shall not reuse or make any modifications to the instruments of professional service without prior written authorization of the Consultant. The Client agrees, to the fullest extent permitted by law, to indemnify and hold harmless the Consultant, its officers, directors, employees and sub-consultants (collectively, Consultant) against any damages, liabilities or costs, including reasonable attorney's fees and defense costs, arising from or allegedly arising from or in any way connected with the unauthorized reuse or modification of the instruments of professional service by the Client or any person or entity that acquires or obtains the instruments of professional service from or through the Client without the written authorization of the Consultant.

Billings / Payments: Landis Consulting understands that billing / payment terms will be per a modified AIA C401 Consultant Agreement or equivalent.

Professional Services Agreement: Landis Consulting requires and executed Professional Design Services Agreement be accomplished with the Client no later than the completion of Design Development Phase services or 50 % completion. This proposal is based on the execution of a modified AIA C401 Consultant Agreement or equivalent. Landis Consulting reserves the right to withhold any sealed documents until an executed Professional Design Services Agreement is in place on this Project.

END ATTACHMENT A; PROPOSAL TERMS AND CONDITIONS

Landis Consulting
ENGINEERING SERVICES

Landis Consulting

ENGINEERING SERVICES

ATTACHEMENT "B"

LANDIS CONSULTING ELECTRICAL SCOPE OF SERVICES

This attachment defines our proposed Electrical Engineering & Consulting Scope, Process and Deliverables. Refer to the fee proposal cover letter and other attachments for additional information.

ELECTRICAL CONSULTING SERVICES SCOPE

The following Scope is included in this Proposal for each Phase of design and construction:

ELECTRICAL CONSULTING PROCESS AND DELIVERABLES

The above Scope will be addressed during each Design Phase and shall include deliverables as follows:

100% Construction Documents

- Review and confirmation of design development documentation and Owner's program, budget and schedule
- Execution of control Construction Document Drawings based on the approved 50% Design Development concepts
- Application of standard or custom details and control schematics as required
- Coordination of electrical systems with the other disciplines
- Issuance of project specific technical specifications
- Construction document meetings / site visits (as outlines in our cover letter)
- Stamping of final documents by a Professional Engineer currently licensed in the State of Oregon
- Responses to reviewing agency comments as required

Bidding

- Response to bidding contractor questions
- Preparation of addenda as necessary for distribution by Prime Consultant
- Assistance with analysis of bid results if necessary

Construction Administration

- Review of product submittal data
- Response to requests for information (RFI's)
- Site visit as outlined in our proposal document

Post Construction

- Not Included

ELECTRICAL CONSULTING ASSUMPTIONS, OPTIONAL SERVICES AND EXCLUSIONS

Assumptions

Unless otherwise in this proposal, Landis Consulting has assumed the following:

- Project will be designed as one bid package.
- Meetings where attendance by Landis Consulting personnel is required will be in Detroit, Oregon as noted in cover letter.
- 2-D AutoCAD backgrounds will be provided by the Prime Consultant to Landis Consulting for use on this Project in AutoCAD format
- Specifications will be produced in book form using CSI's 40 Division format
- This Project is not pursuing LEED® certification or any other sustainability-related goal that impacts the design.

Optional Services

Additional services may be provided for additional fee and may include, but not limited to the following items:

- Life cycle cost analysis
- SEED design, analysis, and documentation
- 3-D CAD systems clash detection with Navisworks®
- LEED® consulting
- LEED® documentation
- Coordination with multiple equipment manufacturers for the same item
- Owner training
- Arc flash analysis and coordination study
- LiDAR 3D building scanning
- Operations and maintenance manual review
- One-year warranty walk-through on site
- Pre-Con meetings / site visits unless specifically outlined in our cover letter

Exclusions

Any Electrical Engineering Scope, Process and Deliverables not mentioned in this attachment shall be Additional Services and may be pursuant to Attachment A; Proposal Terms and Conditions.

HOURLY RATES OF PROFESSIONAL SERVICES

Landis Consulting's hourly billing rates are:

Principal.....	\$ 195 / hour
Senior Project Manager.....	\$ 145 / hour
Engineer.....	\$ 135 / hour
Designer.....	\$ 105 / hour
CAD Operator.....	\$ 90 / hour
Clerical.....	\$ 75 / hour

END ATTACHMENT B; LANDIS CONSULTING ELECTRICAL SCOPE OF SERVICES

Landis Consulting

ENGINEERING SERVICES

ATTACHEMENT "C"

LANDIS CONSULTING ELECTRONIC DOCUMENT REQUIREMENTS

This proposal is based upon producing and receiving electronic drawing files for the project in the latest version of AutoCAD. It is also based upon the following assumptions:

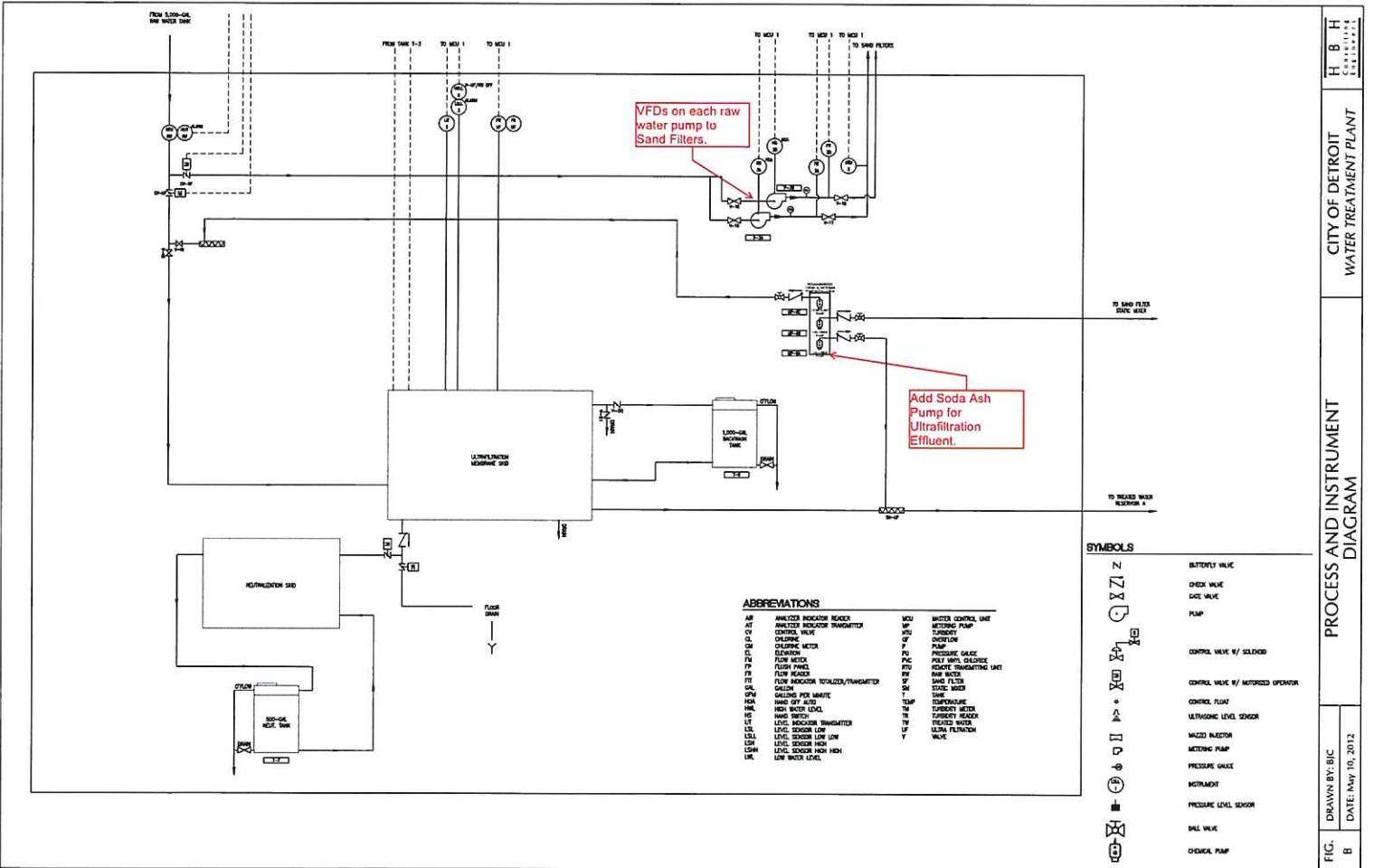
- Landis Consulting will be provided with Architectural backgrounds by the Architect and necessary background information by the other design team members
- Drawings and specifications for the mechanical and plumbing designs shall be made available to Landis Consulting no less than 5 business days before Landis Consulting's deliverables are due. This will allow time for Landis Consulting to coordinate and incorporate design elements related to those disciplines.
- Backgrounds are to be provided with visibility of architectural annotation layers and / or elements controllable separate from the background elements
- Background updates shall be three updates per design phase milestone
- Uploads of Landis Consulting' drawing files shall be three uploads per design phase milestone
- Landis Consulting may provide the construction contractor(s) with drawing files to support their completion of as-built documents
- Drawings shall be electronically stamped and signed if allowed by the authority having jurisdiction

While the following services may be provided, they are not included in this proposal:

- Changing versions of AutoCAD during the project
- Using non-Landis Consulting Standards including, but not limited to, fonts, symbols or layering
- Converting drawings during or at the end of the Project to a different version, format or standard

If the electronic document and drawing requirements of this Project differ from the above assumptions and understandings, Landis Consulting can update their Scope of Work and fees to match the requirements.

END OF ATTACHMENT C; ELECTRONIC DOCUMENT REQUIREMENTS



1059-IND-985205

Quotation Developed Especially for:

Matt DeMaro
HBH Consulting Engineers
2316 Portland Rd
Newberg, OR 97132
Phone:

Prepared on 10/27/2021 by:

Greg Jones
Cell: 503-991-1609
11035 NE Marx St
Portland OR 97220
Phone: 503-262-7246
Fax: 503-262-1299
www.rainforrent.com





Rental Quotation

Portland

www.rainforrent.com

11035 NE Marx St
Portland OR 97220
Phone: 503-262-7246
Fax: 503-262-1299

Quotation Number: 1059-IND-985205

Prepared By: Greg Jones

Customer: HBH Consulting Engineers

Customer ID: 7062737

Address: 2316 Portland Rd

City/State: Newberg, OR 97132

Contact: Matt DelMaro

Office:

Fax:

Job Description:

Customer needs a genset to supply temporary power at a water treatment plant in Detroit, Oregon.

Location:

Rockaway Beach, OR

Rental Sub Total: \$2,071.42

Sub Total: \$2,071.42

Recommended Optional Items - Rental: \$0.00

Recommended Optional Items - Sales: \$0.00

Does not include sales tax

Accept/Decline:

Initial:

By checking Accept and initialing customer is acknowledging that the additional cost for the above items will be added to the grand total.

Rental Protection - RPP: \$0.00

Est. Delivery Hauling \$787.20

Est. Pick-up Hauling \$787.20

Est. Install Labor \$0.00

Est. Removal Labor \$0.00

Est. Services \$0.00

Est. Air Quality Fee \$0.00

Est. Rev Air Quality Fee -\$0.00

Est. Enviro Recovery Fee \$62.00

Est. Rev Enviro Recovery Fee -\$0.00

(Does Not Include Sales Tax)

Grand Total: \$3,707.82

Date Prepared: 10/27/2021

Valid Until: 11/26/2021

Customer

Date

By signing this quotation, customer represents that he/she has read and agreed to both the Statement of Work and Scope of Agreement sections, and is also agreeing to the grand total amount listed above, plus any recommended optional items if checked and initialed. If customer requires a Purchase Order number to process and submit payment, it must be supplied to Rain for Rent at the time of acceptance of this quotation. Please insert Purchase Order number here:

Rental Protection Plan

I have received and reviewed the Rental Protection Plan Agreement incorporated as the last page of this estimate. By initialing this paragraph, I understand that I am agreeing to enter into and be bound by the terms of the Rental Protection Plan Program Agreement and that I am authorized to enter into this Agreement on behalf of Customer. FOR ALL RENTALS OF EQUIPMENT, EXCEPT THOSE SPECIFICALLY EXCLUDED, YOU MAY EITHER SHOW PROOF OF PROPERTY INSURANCE IN ACCORDANCE WITH INSURANCE REQUIREMENTS AND RENTAL AGREEMENT, OR PURCHASE THE RENTAL PROTECTION. THE PURCHASE OF THE RENTAL PROTECTION PLAN FOR RENTALS OF EQUIPMENT IS NOT MANDATORY AND MAY BE DECLINED IF YOU HAVE PROOF OF ALL RISK PROPERTY INSURANCE AS REQUIRED BY CONTRACT.

Initial here:



Portland

Rental Quotation

www.rainforrent.com

11035 NE Marx St
 Portland OR 97220
 Phone: 503-262-7246
 Fax: 503-262-1299

Quotation Number: 1059-IND-985205

Application: Genset Materials: N/A Flow: N/A Suction Lift: N/A Friction Loss: N/A Static Head: N/A

*Rain for Rent Cycle = 28 Days.

This quotation has not been flagged as PREVAILING WAGE.

Rental Items

Qty	Unit	Duration	Item	Description	Day	Week	*Cycle	Extension
1	Each	1 *Cycle	RR GENSET	Generator 56 kw	\$321.42	\$785.71	\$2,071.42	\$2,071.42

Rental Sub Total: \$2,071.42

Sub Total: \$2,071.42



Portland

Rental Quotation

www.rainforrent.com

11035 NE Marx St
Portland OR 97220
Phone: 503-262-7246
Fax: 503-262-1299

Quotation Number: 1059-IND-985205

Statement of Work

Background:

Customer requires backup generator for pump station in Detroit, Oregon.

Scope:

Rain for Rent will delivery, return, and rent the equipment outlined in this quote.

References Materials:

Rain for Rent has provided this proposal for equipment as requested and without design criteria or requirements based on customer provided information.

Operating Parameters: 56 kw, 480 V, 3 phase.

Estimated Duration: Based on 28 day "cycle" rental.

Rain for Rent Responsibilities:

-Deliver generator to the City of Detroit treatment plant.

Customer Responsibilities:

- Installation of generator. Customer is responsible for providing power from the generator to any/all components. This included providing the appropriate power cable from the generator to the component and from the transfer switch to the generator.
- Ensure that the application of this system does not damage nearby structures or cause negative impacts to the environment either directly or indirectly.
- Provide the following services and associated materials: Fueling, Filter Changes, Lubricating Oils every 300 hours of service.
- Protect system from damage and malfunction due to temperature or any substance that will cause corrosion, damage or leakage. Customer must provide protection that does not impede system function.

Rain for Rent Exclusions:

- Installation and operation of generator.
- Power cable for components.
- All design input and services. This system is provided as per customer provided information.
- Generator maintenance. Field maintenance is available by a Rain For Rent technician upon request, standard mechanic hourly fees apply.

Standard T&M Hourly Rates:

Foreman	\$99 per hour
Installer	\$88 per hour
Mechanic	\$99 per hour
Service Truck	\$32 per hour
Driver	\$96 per hour
Winch Truck	\$56 per hour



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Fax: 503-262-1299

Quotation Number: 1059-IND-985205

Additional Information

This quote is an estimate made in good faith. Actual time and materials will be charged.
RENTAL RATES ARE FOR 10 HOURS USE PER DAY, 50 HOURS USE PER WEEK, AND 200 HOURS PER MONTH.

Double shift charged at 1 1/2 times normal rate, and triple shift charged at 2 times normal rate. Total hours of usage will be determined at the end of the rental duration, overtime or double time shift rates will be applied as needed based on hours of usage.

Additional Information:

- If additional equipment is required, additional charges will apply.
- This quote is an estimate made in good faith. Actual time and materials will be charged.

- Product availability, pricing and services are subject to change based on factors out side of Rain For Rents control ie, possible shut downs in manufacturing, shipping, and available work force due to developing Covid-19 health crisis.



Rental Quotation

Portland

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11035 NE Marx St
Portland OR 97220
Phone: 503-262-7246
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Quotation Number: 1059-IND-985205

Scope of Agreement

If Customer has entered into a Master Service Agreement with Rain for Rent and there is a conflict between the terms and conditions of this Scope of Agreement and the Customer's Master Service Agreement, then the terms and conditions in the Customer's Master Service Agreement signed by Rain for Rent will prevail.

Availability of products and services is subject to change without notice.

The rental period begins the day the equipment is delivered and continues until returned to originating Rain for Rent facility unless agreed to in writing before the rental period begins. A Cycle is defined as 4 weeks or 28 days which is our standard billing period. The weekly and/or daily rate for equipment quoted will be listed in the products grid when products are eligible for less than cycle rates. Payment terms are net 30 days from invoice date. Interest at the rate of 18% per year shall be charged on any past due invoice.

A Fuel Surcharge will be calculated and invoiced based on the diesel fuel price as published by the Department of Energy on <https://www.eia.gov/petroleum/gasdiesel>

An Environmental Recovery Fee shall apply to all rental charges invoiced for the duration of the rental pursuant to this quote/Estimate to help offset direct and indirect costs associated with regulatory compliance, obtaining permits, and obtaining licenses. California Air Quality Fee will be added to the cost of diesel pumps used in California only. This is a State mandated fee.

Customer is prohibited from deducting retention from Rain for Rent invoices and charging Rain for Rent liquidated damages.

Customer is responsible for flushing and cleaning tanks, roll off boxes, pipelines, pumps, filters and other Rain for Rent equipment prior to return unless specifically agreed to by both parties in writing.

The Terms and Conditions of the Rain For Rent Rental and Acute Hazardous Waste Agreements, Credit Application/Master Rental & Sales Agreement, Invoice and this Quotation (also known as the Rain for Rent Rental/Sale Estimate as may be referenced in any Master Service Agreement, Blanket Purchase Order, or any other contractual document executed between the parties) contain the complete and final agreement between Rain For Rent and Customer and no other agreement in any way modifying or adding to any of said Terms and Conditions will be binding upon Rain For Rent unless made in writing and signed by a Rain For Rent Corporate Officer or Rain for Rent authorized representative.

The Customer cannot alter the equipment without Rain for Rent's prior written approval. Customer is responsible for equipment, repairs, maintenance and damage, excluding normal wear and tear or damage caused by Rain for Rent. All returned equipment is subject to inspection by Rain for Rent personnel. Damages and accrued rent will be invoiced to Customer while equipment is out of service for repairs. The Customer is responsible for damage caused by reactive, corrosive or abrasive material; including, but not limited to sand, sodium hydroxide, chlorine, and acids. Customer must notify Rain for Rent immediately of any spill so that any necessary repairs to the system can be made and to minimize service interruption. The Customer assumes all risks of loss due to operation and use of the equipment. Customer will provide "all risk" property insurance for rented equipment.

Customer shall pay Rain For Rent additional expenses caused by unforeseen or changing conditions, including, but not limited to, soil, underground conditions, rock formations, environmental conditions, weather events, regulations or restrictions, hard pan, boulders, cesspools, gas lines, water lines, drain pipes, underground electrical conduits or other above ground or underground obstructions.

All equipment rented or used products sold are provided "AS IS, WHERE IS" in their present condition. Rain for Rent makes no warranties, expressed or implied of any kind whatsoever with respect to the equipment or products. Customer agrees that customer is renting equipment or purchasing used products based on their judgment and evaluation, without reliance upon any statements of representations by Rain for Rent, and that Rain for Rent is not responsible for any defects in their operation or for any repairs, parts or services, unless otherwise noted.

All new products sold are provided without warranty beyond the terms of such warranty offered by the manufacturer, if any. Customer must comply with all original manufacturer's terms and conditions for any warranty claims that may arise. Neither Rain for Rent nor the manufacturer warrants the product if it has failed due to corrosion, misuse or damage; (2) it has been altered, repaired or modified in any way that would adversely affect its operation; or (3) it was installed or operated other than in accordance with manufacturer's operating instructions. Products supplied by Rain for Rent are warranted to be free from any defect in workmanship and material under conditions of normal use and service. Rain for Rent's obligation under this warranty is limited to replacing or repairing at the designated manufacturer's or Rain for Rent facility any part or parts returned to it with transportation charges prepaid, which Rain for Rent determines in its sole discretion to be defective.

This Quotation excludes any additional costs to Rain for Rent associated with Owner Controlled Insurance (OCIP) or WRAP insurance programs that will be added to Rain For Rent's prices.

De-watering, Roll-off, Vacuum boxes and similar equipment are not liquid tight. Rentee accepts full responsibility for all losses, damages and costs caused by or arising out of spills, leakage or discharge from this equipment. Rain for Rent will not be held liable for any structural or soils subsidence. This Quotation is valid for 30 days and is subject to credit approval.

Rain for Rent will take every effort to protect our customers and employees. Due to the current pandemic, all quoted equipment and services are subject to delay, change, or unilateral cancelation by Rain for Rent. Please be assured every effort will be made to execute the quote as written.

The customer is responsible to inform Rain for Rent of any jobsite hazards, precautions, or entry requirements relating to the Corona Virus prior to Rain for Rent personnel going onsite to perform work or deliver equipment. This includes informing Rain for Rent if anyone at the jobsite has tested positive and provide a list of actions taken to protect Rain for Rent personnel.

RENTAL PROTECTION PLAN PROGRAM AGREEMENT

If you elect to maintain All Risk Property Insurance coverage, and the certificate of insurance You provide to Rain for Rent to evidence Your insurance coverage expires or is cancelled for any reason, You agree Rain for Rent may charge RPP for Your rentals until such time as You provide an acceptable and valid certificate of insurance to Rain for Rent.

This Rental Protection Plan Program Agreement (this "RPP Agreement") is entered into between the undersigned Rentor and Rentee in relation to the Master Rental and Sales Agreement (MRSA) between Rentor and Rentee. If Rentee has checked or initialed, as applicable, the Rental Protection Plan Program (the "RPP Program") box on the quote, then Rentee has opted-in to the RPP Program and this RPP Agreement shall supplement the MRSA whether or not executed by Rentee. Rentee understands and agrees that the RPP Program is not insurance and that the RPP Program provides only limited coverage, as described below.

1. Cost; Deductible; Maximum Coverage; Rentee shall pay a fee equal to 14 percent (14%) of the rental charge for each covered item, which fee shall be listed on each invoice during which period Rentee has opted to participate in the RPP Program. In the event of a Covered Occurrence, as defined below, Rentee shall further be responsible for the lesser of \$500 or 10 percent (10%) of the total loss, as a deductible. The maximum coverage available under the RPP Program is \$150,000 per Covered Occurrence, whether or not there is more than one piece of equipment involved in the occurrence.

2. Coverage; The RPP Program provides coverage only for losses involving Covered Equipment, as defined below, in the following instances: fire that was not caused by Rentee's gross negligence or willful misconduct; theft for which a police report was filed, and that occurred despite Rentee's reasonable precautions to protect and secure the covered equipment; and vandalism for which a police report was filed (individually, "Covered Occurrence," and collectively, "Covered Occurrence"). The RPP Program provides coverage only for the following types of equipment: pumps, electric submersible pumps, tanks, generators, light towers, filtration, boxes, heaters, spillguards, safety products, sprinklers, hoses, pipe, valves and fittings ("Covered Equipment"). Coverage does not extend to any equipment not owned by Rentor such as re-rented equipment.

3. Exclusions; The RPP program does not cover any equipment or event of loss that is not specifically described in Section 2. Without limiting the foregoing, the RPP Program does not provide coverage for the following: misuse of equipment; willful abuse of equipment; failure to maintain equipment; failure to secure items from theft (including but not limited to failing to store items in a fenced, locked area or failing to maintain personnel on site); damage or theft while in transit to or from a jobsite; corrosion from any source; any damage caused by named storm events; any instance that occurs while the account is not in good standing, such as a default as defined in the MRSA or upon written notice of non-payment; and any occurrence not reported to Rentor within 24 hours after the occurrence. The RPP program does not provide coverage for: electronic equipment (controls, instrumentation, and wiring), flow meters, water meters, wheel wash systems & accessories, Freezesentry items, or tires.

4. Claims; All claims must be submitted within 24 hours of the Covered Occurrence. Rentor's mechanic will inspect the equipment following any claim. The mechanic's findings as to the cause of the damage and cost of repair will be final. In the event of a theft or vandalism, Rentee must also provide supporting evidence that the site was secured at the time of loss.



January 13, 2022

HBH Consulting Engineers, Inc
Matt Del Moro
Phone: 503.554.9553
Email: mdelmoro@hbh-consulting.com

Quote Number: EP220110-01

Re: MP65 Generator Rental,

Scope of Work: Peterson Power Systems, Inc. will provide an MP65 generator at 240V 1P to be used in a standby application. Duration of the rental could be for several months. 50' of cable has been requested, will be connected by electrician onsite. A battery charger and block heater cord will also be provided.

Equipment: Price reflects quantity:

Table with 5 columns: Qty, Description, Rates, 1-Week, 4-Week. Rows include MP65 Generator and Cable package.

Estimated Rental Costs: Standby/Single Shift usage..... \$2,771.00 (4-week rental)

Additional Services:

Table with 2 columns: Type of Service, Price. Rows include Service Maintenance Charge, Fueling, Transportation, Environmental Fee, Heavy Equipment Rental Tax.

Estimated Project Costs: Based on current scope*..... \$2,903.30 (4-week rental)

*Estimate does not include any transportation, technician, technician travel time, or fueling.

Since 1936



QUOTE ACCEPTANCE FORM

Should you wish to proceed with the rental outlined in this quotation and agree to the Peterson Power Systems Inc., terms and conditions attached separately, please supply your purchase order number or job number, sign and date below showing your acceptance of our quotation and terms and conditions. Please send the signed document to Peterson Power Systems Inc. Compliance with all city codes, permits or any other applicable licenses is the responsibility of the customer.

The signed quote will be provided to Peterson Power Systems Inc. before equipment can be authorized for delivery.

These prices, equipment selections, and equipment configurations included are subject to prior commitment. This pricing is valid for the next 30 days.

Customer: HBH Consulting Engineers, Inc.
Quote Number: **EP220110-01**
Quote Date: January 13, 2022

Purchase Order Number: _____

Authorized Signature: _____

Name Printed: _____

Date: _____

Delivery Address: _____

Site contact: _____

Phone: _____

Delivery Date: _____

Time: _____

Since 1936

detroit@wvi.com

From: Matt Del Moro <mdelmoro@hbh-consulting.com>
Sent: Monday, January 10, 2022 1:55 PM
To: James Trett; Tim Luke
Cc: detroit@wvi.com
Subject: Revised Generator Quotes for Detroit
Attachments: Rain for Rent Quote - Detroit WTP Portable Generator Proposal.pdf; United Rental Quote - Detroit WTP Portable Generator.PDF; Peterson Power Quote - Detroit WTP Portable Generator.docx

All,

See the attached quotes for generators for the City of Detroit for your review. Any references to HBH will need to be corrected on the final signed contract; however, since they sent them to me, many were put in our name. I have requested an updated one from Sunbelt but have not heard back yet.

Matt Del Moro, PE

Project Engineer

HBH Consulting Engineers, Inc.

501 E First Street | Newberg, OR 97132

main: 503-554-9553 | fax: 503-537-9554

email: mdelmoro@hbh-consulting.com

www.hbh-consulting.com

H B H
CONSULTING
ENGINEERS

BATCH TRANSACTION

DATE: 01/13/2022 AUTHOR: KGDEOR1

CRITERIA:

Code	Account ID	Name	Date	Reference	Amount
WATERADJ	636	CROWDER, SUSAN	01/13/2022	Transferred balance	\$33.91
				Totals (1):	\$33.91
				Grand Totals:	\$33.91



RENTAL QUOTE

BRANCH 267
3362 SILVERTON ROAD NE
SALEM OR 97301
503-393-1222

202028857

Job Site

RESIDENTIAL HOUSING
110 E WEBBER ST
DETROIT OR 97342

Office: 503-854-3496 Job: 503-854-3496

Customer # : 4647263
Quote Date : 01/10/22
Estimated Out : 02/07/22 08:00 AM
Estimated In : 03/07/22 08:00 AM
UR Job Loc : 110 E WEBBER ST, DET
UR Job # : 3
Customer Job ID:
P.O. # : QUOTE
Ordered By : RENTAL QUOTE
Written By : WILLIAM TAUMOELAU
Salesperson : CHRISTOPHER YOUNG

CITY OF DETROIT
PO BOX 589
DETROIT OR 97342-0589

**This is not an invoice
Please do not pay from this document**

RENTAL ITEMS:

Qty	Equipment	Description	Minimum	Day	Week	4 Week	Estimated Amt.
1	2403187	GENERATOR 70-84 KVA TIER 4 IT IS CUSTOMERS RESPONSIBILITY TO ENSURE ALL FLUID LEVELS ARE MAINTAINED FOR DURATION OF RENTAL PERIOD. IN ADDITION TO DIESEL FUEL, TIER 4 EQUIPMENT REQUIRES DEF (DIESEL EXHAUST FLUID) TO OPERATE PROPERLY UNITED RENTALS PHVAC CAN PROVIDE BOTH DIESEL FUEL AND/OR DEF IF REQUESTED.	400.00	400.00	675.00	1,863.00	1,863.00
1	800/3025	EXTENSION CORD 12/3 50' 110V	6.00	6.00	13.00	27.00	27.00

Rental Subtotal: 1,890.00

SALES/MISCELLANEOUS ITEMS:

Qty	Item	Price	Unit of Measure	Extended Amt.
1	OR HEAVY EQUIP. RENTAL TAX [DRSUROR/MCI]	37.800	EACH	37.80
1	ENVIRONMENTAL SERVICE CHARGE [ENV/MCI]	37.260	EACH	37.26
1	DELIVERY CHARGE	139.300	EACH	139.30
1	PICKUP CHARGE	139.300	EACH	139.30

Sales/Misc Subtotal: 353.66

Agreement Subtotal: 2,243.66

Estimated Total: 2,243.66

COMMENTS/NOTES:

CONTACT: RENTAL QUOTE

TO SCHEDULE EQUIPMENT FOR PICKUP, CALL 800-UR-RENTS (800-877-3687)
WE ARE AVAILABLE 24/7 TO SUPPLY YOU WITH A CONFIRMATION #
IN ORDER TO CLOSE THIS CONTRACT

This proposal may be withdrawn if not accepted within 30 days. The above referenced Rental Protection Plan, environmental, and tax charges are estimates and are subject to change.

NOTICE: This is not a rental agreement. The rental of equipment and any items listed above is subject to availability and subject to the terms and conditions of the Rental and Service Agreement, which are available at <https://www.unitedrentals.com/legal/rental-service-terms-US> and which are incorporated herein by reference. A COPY OF THE RENTAL AND SERVICE AGREEMENT TERMS ARE AVAILABLE IN PAPER FORM UPON REQUEST.

RESOLUTION NO. 636

**A RESOLUTION AMENDING THE PLANNING COMMISSION GUIDELINES
REGARDING THE SET MEETING DATE AND TIME FOR
PLANNING COMMISSION TO CONVENE**

WHEREAS, The Detroit City Council Enacted the Planning Commission Procedural Guidelines on January 9, 2001; and,

WHEREAS, the Detroit City Council voted that the Planning Commission meetings would commence at 6:30 p.m. on the fourth Tuesday of the month; and,

WHEREAS, The Planning Commission voted unanimously at it's January 18, 2022 regular meeting to request Council permission to change the meeting date and time to the third Tuesday of the month at 5:30 p.m. and,

WHEREAS, the Detroit City Council discussed and considered the request from the Planning Commission.

BE IT HEREBY RESOLVED AS FOLLOWS: The Planning Commission Procedural Guideline page 3, number 3.1, regular meeting shall be amended to change the date and time to the third Tuesday of the month at 5:30 p.m. beginning February 15, 2022.

PASSED BY THE COMMON COUNCIL OF THE CITY OF DETROIT on this 1st day of February, 2022.

Effective date: February 1, 2022

Ayes____ Nays____ Absent____

James R. Trett, Mayor

Kelly Galbraith, City Recorder