

CITY OF COBURG

REQUEST FOR PROPOSALS EMERGENCY STANDBY GENERATOR

Bids Due:
Friday, August 18, 2017, 5:00p.m.

**City of Coburg
91136 N. Willamette Street
P.O. Box 8316
Coburg, Oregon 97408
(541) 682-7870
(541) 485-0655 Fax**

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**CITY OF COBURG
REQUEST FOR PROPOSALS
EMERGENCY STANDBY GENERATOR**

INTRODUCTION

The City of Coburg is seeking Requests for Proposal (RFP) for an Emergency Standby Generator to include the purchase, installation, plumbing, wiring, parts, and all equipment necessary for a fully functioning system. Specifications will match established performance expectations as presented by the City Engineer as reflected in Appendix D.

MAILING INSTRUCTIONS

Brian Harmon, City Public Works
Director

U.S. Mail:
P.O. Box 8316
Coburg, Oregon 97408

Physical Location:
91136 N. Willamette Street
Coburg, Oregon 97408

INQUIRIES

Questions pertaining to the Request for Proposal ("RFP") and the selection process should be directed to Brian Harmon at his email address, which is brian.harmon@ci.coburg.or.us.

SUBMITTAL DATE

Proposals are due no later than 5:00p.m., August 18, and must be received by that time and date. Proposal postmark dates and times will not be considered as meeting that deadline. Proposers must submit in a sealed envelope an original of their proposal to the address shown under "Mailing Instructions" above, or deliver to the physical location.

The City is not responsible for proposals that, whether delivered by mail or courier service, are delinquent, lost, mismarked, and sent to an address other than that given above. The City reserves the right, after opening the proposals, to reject any or all proposals, or to accept the proposal(s) that in its sole judgment is (are) in the best interest of the City.

PROPOSAL SELECTION

The City of Coburg reserves the right, without qualification, to:

1. Select any proposal to be in the best interest of the City of Coburg.
2. Select proposals, based on initial proposals received, without discussion or after detailed discussions or contract negotiations.
3. Reject all proposals.

SELECTION PROCESS

Proposals shall be evaluated by City of Coburg staff and a recommendation made to the City Administrator and City Council. The City of Coburg intends to select the proposer that best meets the City's needs and demonstrates the ability to deliver the desired results. Such factors as reliability and continuity of operations shall be considered in addition to cost proposal in determining a recommended tenant.

The proposal must provide the City's staff with clearly expressed information concerning the proposer's understanding of the City of Coburg specific requirements, which would result in timely commencement and performance of needed services.

PROPOSAL CONTENT

The proposer is encouraged to expand on the scope to fully address the project issues and deliver the services needed. The proposal must include, at a minimum, the following sections in the order indicated.

1. Appendix A – Emergency Standby Generator Bid Form
2. Appendix B – Generator Proposal Form-- Each proposal shall contain the signed Proposal Form in its entirety as provided.
3. Comments Regarding Contract-- Submit comments, if any, to any clause(s) in the contract that proposer desires to clarify or object to.

MANDATORY WALK THROUGH

A site walk through is scheduled only on August 14, 2017 at 10:00 a.m. Vendors should meet at Coburg City Hall, 91136 N. Willamette Street. Questions regarding this walk through can be addressed to Public Works Director Brian Harmon at 541-228-8281 or brian.harmon@ci.coburg.or.us.

SCOPE OF WORK

Information regarding the Scope of Work can be found in Appendix D.

PROPOSED CONTRACT

The City's intent is to use the contract format as shown in the attachment to formalize the contract award. Comments, if any, objecting to any clause(s) in the contract shall be included in writing with the proposal. Objections shall clearly state the objection and the section or provision being objected to.

GENERAL CONDITIONS

1. General Information

The City of Coburg, Oregon will receive at its office located at City Hall, 91136 N. Willamette Street, or by mail directed to the mailing address provided, bid responses. Bids shall be submitted as previously outlined in "proposal content". Bids shall be written in ink, computer generated, or by typewriter.

Mistakes may be crossed out and corrections inserted adjacent thereto and must be initialed in ink by the person signing the bid. Bids are to be verified before submission as they cannot be corrected or altered or signed after bids are opened.

2. *Interpretation of Bids*

Should a bidder find discrepancies in, or omissions from the specifications, or should bidder be in doubt as to their true meaning, bidder may submit to the City Administrator a written request for an interpretation thereof prior to the bid opening. The person submitting the request shall be responsible for its prompt delivery. Any interpretation of, or change in the proposed documents will be made only by an addendum issued to each person to whom specifications have been issued, and shall become part of any contract awarded. The City will not be responsible for any other explanation or interpretations.

3. *Amendments*

The City reserves the right to amend this RFP prior to the proposal due date. All amendments and additional information will be posted on the City of Coburg Official City Web Site at www.coburg.oregon.org. Proposers should check this web page for new information.

4. *Addenda*

Any addenda issued by the City during the time of bidding shall be covered in the bid and shall be made a part of the contract.

5. *Cost for Preparing Proposal*

The cost for developing the proposal is the sole responsibility of the proposer. All proposals submitted become the property of the City.

6. *Bid Openings*

Bids shall be delivered to the City of Coburg on or before the day and hour set for the opening of bids in the published Notice to Bidders. A bidder may withdraw his bid, either personally or by written request, at any time prior to the scheduled time for opening of bids.

7. *Late Bids*

Any bids received after the scheduled time of opening will be noted as received, but they will not be opened or considered.

8. *Contract Discussions*

Prior to award, the apparent successful firm may be required to enter into discussions with the City to resolve any contractual differences. These discussions are to be finalized and all exceptions resolved within one (1) week from notification. If no resolution is reached, the proposal may be rejected and discussions will be initiated with the second highest scoring firm.

9. *Assignment*

No assignment by the contractor or any contract to be entered into hereunder or of any part thereof, except of funds to be received there under by the contractor, will

be recognized by the City unless such assignment has had the prior written approval of the City.

10. *Governing Law*

This contract shall be construed and interpreted according to the laws of the State of Oregon.

11. *Insurance Requirements*

The City of Oregon requires that licensees, lessees, and vendors have an approved Certificate of Insurance (not a declaration or policy) on file with the City for the issuance of a permit or contract. Within ten (10) consecutive calendar days of award of contract, successful proposer must furnish the City with the Certificates of Insurance proving coverage as specified in the provision entitled "Liability Insurance" in Appendix C (Sample Contractor Agreement)

Please carefully review the Sample Contractor Insurance Requirements before responding to the Request for Proposal enclosed herein. The terms of the agreement, including insurance requirements have been mandated by City Council. Your response to the Request for Proposal must indicate if you are unwilling or unable to execute the agreement as drafted as well as providing the insurance requirements. The City will consider this in determining responsiveness to the Request for Proposal.

**APPENDIX A
EMERGENCY GENERATOR
BID SUBMITTAL FORM**

BIDDER'S INFORMATION

The undersigned, being familiar specifications provided and having visited the proposed site of Gen, having inspections and investigations deemed necessary, having studied the Emergency Generator Purchase and Installation with all factors and other conditions affecting the work and costs thereof, hereby propose to install an emergency generator in accordance with the Emergency Generator Purchase and Installation agreement. The undersigned furnish all labor, tools, materials, skills, equipment, and obtain any permits, licenses, and code approvals necessary to complete the installation.

Name of Company/Person Submitting Bid: _____

Contact Person: _____

Address: _____

Phone Number: _____

EMERGENCY GENERATOR BID AMOUNT

Equipment	\$ _____
Labor	\$ _____
Materials/Supplies	\$ _____
Permits, Licenses & Fees	\$ _____
Maintenance	\$ _____

SUBMITTED on _____, 2017

Signature: _____

Printed Name: _____

Title: _____

APPENDIX B EMERGENCY GENERATOR PROPOSAL FORM

PROPOSER

Name / Firm: _____

INFORMATION

- 1. Please provide a brief summary of your installing and Emergency Engine-Generator Systems

- 2. If applicable, please provide one professional reference from a similar customer where you have installed and maintain a similar system.

a. Name: _____
Phone Number: _____

- 3. Please provide one business reference.

a. Name: _____
Phone Number: _____

**APPENDIX C -CONTRACT AGREEMENT
FOR EMERGENCY GENERATOR AND MAINTANANCE.**

**INDEPENDENT CONTRACT SERVICES AGREEMENT
CITY OF COBURG**

Date: _____

Parties:

City of Coburg ("CITY") and
PO Box 8316
91136 N Willamette St.
Coburg, Oregon 97408

Additional Independent Contractor Information:

- a. Type of Entity: Sole Proprietorship Partners Limited Liability Comp Corporation
- b. Address: _____
- c. Telephone: _____
- d. Fax No.: _____
- e. Email: johmg@fcsgroup.com
- f. SSN or Federal ID: _____
- g. License(s) No.: _____
- h. Oregon Agency Issuing License: _____

IN CONSIDERATION OF THE MUTUAL CONVENANTS CONTAINED HEREIN, THE PARTIES AGREE TO THE FOLLOWING TERMS, PROVISIONS AND CONDITIONS:

RECITALS

1. The Contractor was selected via a formal procurement process to provide services to complete the installation and maintenance of an Emergency Engine-Generator system.
2. Contractor has the training, ability, knowledge and experience to provide the services desired by the City.

TERMS OF AGREEMENT

1. **Effective Date.** This Agreement is effective when signed by both parties and approved by the City's legal counsel. This agreement will expire on December 31, 2017, unless earlier terminated in accordance with the provisions of this Agreement or by mutual consent of the parties. Termination or expiration shall not extinguish or prejudice the City's right to enforce this Agreement with respect to any default or defect in performance that has not been cured.
2. **Services.** Contractor shall complete services previously agreed to and as listed in **Exhibit B, Scope of Work**, and as listed in the _____ proposal dated _____.
3. **Consideration.** City shall pay Contractor for the services based on time and materials as set forth in **Exhibit A**. The total payment for all services to complete the work under this Agreement, which includes allowable expenses or reimbursement and work performed to date, shall not exceed \$_____.
 - a. Invoices will be directed to the City of Coburg, Attention: Finance Department, P.O. Box 8316 Coburg, Oregon 97408. Invoices may also be emailed to Anne Heath at anne.heath@ci.coburg.or.us. If an invoice is delivered on a non-business day, the invoice shall be considered received on the next day the City's Finance Department is open for business.
4. **Standard of Care.** Contractor will provide services with the degree of skill and diligence normally employed by professional performing the same or similar services at the time the services are performed. Contractor shall, at all times during the term of this Agreement be duly licensed to perform the Work, and if there is no licensing requirement for the profession or Work. Be duly qualified expert.
5. **Independent Contractor Status.** By its execution of this Agreement, Independent Contractor certifies its status as an "Independent Contractor" as that term is used under the laws of the State of Oregon, and that all performance of any labor or services required to be performed by Independent Contractor under the terms of this Agreement shall be performed in accordance with the standards set forth in ORS 670.600(1997), and incorporated herein by this reference.
6. **Conformance with Oregon Public Contracts Law** Independent Contractor shall comply with all applicable provisions of Oregon law for public contracts. This Agreement

incorporates the provisions required to be in an agreement of this type by ORS 279B.200 through 279B.235 (EXHIBIT C).

- 7. Tax Duties and Liabilities.** Independent Contractor shall be responsible for all federal, state and local taxes, if any, applicable to any payments received pursuant to this Agreement, including, but not limited to income tax, payroll tax, social security and self-employment tax. CITY shall not withhold, pay or in any other manner be responsible for payment of any taxes on behalf of Independent Contractor.
- 8. Reimbursement of Expenses.** Independent Contractor shall not be entitled to reimbursement by CITY for any expenses incurred by Independent Contractor unless otherwise agreed in writing.
- 9. Materials and Supplies.** Independent Contractor shall supply all materials and supplies needed to perform the services required unless otherwise agreed in writing.
- 10. No Authority to Bind CITY.** Independent Contractor shall have no authority to enter into contracts on behalf of CITY, its officers, agents and employees. This Agreement shall not create a partnership or joint venture of any sort between the parties.
- 11. Federal Employment Status.** In the event payment made pursuant to this Agreement is to be charged against federal funds, Independent Contractor hereby certifies that it is not currently employed by the Federal Government and the amount charged does not exceed Independent Contractor's normal charge for the type of services provided.
- 12. Hold Harmless.** Independent Contractor shall defend and hold harmless CITY, its agents, servants and employees from and against all claims, demands and judgment (including attorney fees), made or recovered against them including, but not limited to damages to real or tangible personal property or for bodily injury or death to any person, arising out of, or in any manner connected with this Agreement, to the extent that any such damage, injury or death is caused by, or sustained in connection with the performance of, Independent Contractor, its employees, servants or agents. CITY shall promptly notify Independent Contractor in a reasonable manner to facilitate the defense of any such claim.
- 13. Termination by City,** in whole or in part, whenever for any reason CITY shall determine that such termination is in the best interest of CITY. Thirty days' notice of termination shall be effected by delivery to the Independent Contractor of a Notice of Termination specifying the extent to which performance of the work under the Agreement is terminated and the date on which such termination is effective. Upon delivery to the Independent Contractor of a Notice of Termination under this paragraph, the Independent Contractor and CITY shall, by agreement, make an appropriate written modification to this Agreement governing completion of portions of the Independent Contractor's work and payment therefore by CITY. **A completed Federal Form W-9 shall accompany this signed document when returned by the Independent Contractor.**
- 14. Independent Contractor Termination:** The Independent Contractor shall give the CITY a ninety-day notice of termination, which will be effected by deliverance of a Notice of Termination to the City. Such notice shall include the date on which the termination is effective. The Independent Contractor and CITY shall, by agreement, make an appropriate written modification to this Agreement governing completion of portions of the Independent Contractor's work and payment therefore by the City to the Independent Contractor.

- 15. Rights in Data.** All original written material, including programs, card decks, tapes, listings, and other documentation originated and prepared for CITY pursuant to this Agreement, shall become exclusively the property of CITY. The ideas, concepts, knowhow, or techniques developed during the course of this Agreement by Independent Contractor personnel can be used by either party in anyway it may deem appropriate. Material already in Independent Contractor's possession, independently developed by Independent Contractor outside the scope of this Agreement, or rightfully obtained by Independent Contractor from third parties, shall belong to Independent Contractor. This Agreement shall not preclude Independent Contractor from developing materials which are competitive, irrespective of their similarity to materials which might be delivered to CITY pursuant to this Agreement. Independent Contractor shall not, however, use any written materials developed under this Agreement in developing materials for others, except as provided in this section.
- 16. Confidentiality.** During the course of performance hereunder, Independent Contractor or its agent, employees, or contractors, may receive confidential information. Independent Contractor agrees to use its best efforts to maintain the confidentiality of such information and to inform each agent and employee performing services of the confidentiality obligation that pertains to such information.
- 17. Assignment/Subcontract.** Independent Contractor shall not assign, sell, transfer, subcontract or sublet rights, or delegate responsibilities under this Agreement, in whole or in part, without the prior written approval of CITY. No such written approval shall relieve Independent Contractor of any obligations of this Agreement, and any transferee or subcontractor shall be considered the agent of Independent Contractor. Independent Contractor shall remain liable as between the original parties to this Agreement as if no such assignment had occurred.
- 18. Successors in Interest.** The provisions of this Agreement shall be binding upon and shall inure to the benefit of the parties to this Agreement and their respective successors and assigns.
- 19. Compliance with all Government Regulations.** Independent Contractor shall comply with all federal, state and local laws, codes, regulations and ordinances applicable to the work performed under this Agreement. Failure to comply with such requirements shall constitute a breach of contract and shall be grounds for termination of this Agreement. Damages or costs resulting from noncompliance shall be the sole responsibility of Independent Contractor.
- 20. Attorney Fees.** In the event a lawsuit of any kind is instituted on behalf of CITY to enforce any provision of this Agreement, Independent Contractor shall pay such additional sums as the Court may adjudge reasonable for attorney fees plus all costs and disbursements at trial and on any appeal.
- 21. Force Majeure.** Neither party to this Agreement shall be held responsible for delay or default caused by fire, riot, acts of God and/or war which is beyond that party's reasonable control. CITY may terminate this Agreement upon written notice after determining such delay or default will unreasonably prevent successful performance of the Agreement.
- 22. Assistance regarding Patent and Copyright Infringement.** In the event of any claim or suit against CITY on account of any alleged patent or copyright infringement arising out of the performance of this Agreement or out of the use of any material furnished or work or

services performed hereunder, Independent Contractor shall defend CITY against any such suit or claim and hold CITY harmless from any and all expenses, court costs, and attorney's fees in connection with such claim or suit.

- 23. Severability.** If any provision of this Agreement is declared by a court to be illegal or in conflict with any law, the validity of the remaining terms and provisions shall not be affected; and the rights and obligations of the parties shall be construed and enforced as if the Agreement did not contain the particular provision held to be invalid.
- 24. Access to Records.** CITY and its duly authorized representatives shall have access to books, documents, papers and records of Independent Contractor which are directly pertinent to this Agreement for the purpose of making audit, examination, excerpts and transcripts.
- 25. Waiver.** Failure of CITY to enforce any provision of this Agreement shall not constitute a waiver or relinquishment by CITY of the right to such performance in the future nor of the right to enforce any other provision of this Agreement.
- 26. Amendments.** The terms of this Agreement shall not be waived, altered, modified, supplemented or amended in any manner whatsoever, without prior written approval of CITY. No modification of this Agreement shall bind either party unless reduced to writing and subscribed by both parties, or ordered by a Court.
- 27. Nondiscrimination.** Independent Contractor shall comply with all applicable requirements of federal and state civil rights and rehabilitation statutes, rules and regulations.
- 28. Dual Payment.** Independent Contractor shall not be compensated for work performed under this contract from any CITY agency other than the agency which is a party to this contract.
- 29. Remedies.** This Agreement shall be governed by and construed in accordance with the laws of the State of Oregon, and any litigation arising out of this Agreement shall be conducted in the courts of the State of Oregon, County of Washington.
- 30. Entire Agreement.** This Agreement signed by both parties is the parties' final and entire Agreement and supersedes all prior and contemporaneous oral or written communications between the parties, their agent and representatives. There are no representations, promises, terms, conditions or obligations other than those contained herein.

IN WITNESS WHEREOF the parties have executed this Agreement to be effective the date first set forth above.

CITY OF COBURG

Signature _____

Title: _____

Date: _____

Printed Name _____

Signature _____

Title: _____

Printed Name _____

Date: _____

EXHIBIT A
PAYMENT SCHEDULE TO CITY OF COBURG

(List tasks to billed)

TOTAL PROJECT BUDGET

\$ _____

EXHIBIT B
SCOPE OF SERVICES TO BE PERFORMED

(List scope of work to be performed)

EXHIBIT C

RELEVANT PROVISIONS OF ORS CHAPTER 279B

279B.220 Conditions concerning payment, contributions, liens, withholding. Every public contract shall

contain a condition that the contractor shall:

1. Make payment promptly, as due, to all persons supplying to the contractor for labor or material for the performance of the work provided for in the contract.
2. Pay all contributions or amounts due the Industrial Accident Fund from the contractor or subcontractor incurred in the performance of the contract.
3. Not permit any lien or claim to be filed or prosecuted against the state or a county, school district, municipality, municipal corporation or subdivision thereof, on account of any labor or material furnished.
4. Pay to the Department of Revenue all sums withheld from employees under ORS 316.167.

279B.230 Condition concerning payment for medical care and providing workers' compensation.

1. Every public contract shall contain a condition that the contractor shall promptly, as due, make payment to any person, co-partnership, association or corporation furnishing medical, surgical and hospital care services or other needed care and attention, incident to sickness or injury, to the employees of the contractor, of all sums that the contractor agrees to pay for the services and all moneys and sums that the contractor collected or deducted from the wages of employees under any law, contract or agreement for the purpose of providing or paying for the services.
2. Every public contract shall contain a clause or condition that all subject employers working under the contract are either employers that will comply with ORS 656.017 or employers that are exempt under ORS 656.126. [2003 c.794 §76c]

279B.235 Condition concerning hours of labor.

1. An employer must give notice in writing to employees who work on a public contract, either at the time of hire or before commencement of work on the contract, or by posting a notice in a location frequented by employees, of the number of hours per day and days per week that the employees may be required to work.
2. In the case of contracts for personal services as described in ORS 279A.055, the contract shall contain a provision that the employee shall be paid at least time and a half for all overtime worked in excess of 40 hours in any one week, except for individuals under personal services contracts who are excluded under ORS 653.010 to 653.261 or under 29 U.S.C. 201 to 209 from receiving overtime.
 - a. Except as provided in subsection (4) of this section, contracts for services must obtain a provision that requires that persons employed under the contracts shall receive at least time and a half pay for work performed on the legal holidays specified in a collective bargaining agreement or in ORS 279B.020 (1)(b)(B) to (G) and for all time worked in excess of 10 hours in any one day or in excess of 40 hours in any one week, whichever is greater.
 - b. An employer shall give notice in writing to employees who work on a contract for services, either at the time of hire or before commencement of work on the contract, or by posting a notice in a location frequented by employees, of the number of hours per day and days per week that the employees may be required to work.

APPENDIX D
EMERGENCY ENGINE-GENERATOR
ENGINEER PERFORMANCE SPECIFICATION

**CITY OF COBURG STANDBY GENERATOR
PERFORMANCE SPECIFICATION**
Branch Engineering, Inc. Project No. 17-004b

1.1 PROJECT CONDITIONS

- A. **Environmental Conditions:** Engine-generator system shall withstand site specific environmental conditions without mechanical or electrical damage or degradation of performance capability:

1.2 WARRANTY

- A. **Manufacturer provided warranty for material and workmanship for minimum of twenty-four (24) months or 2000 hours.**

1.3 CERIFICATIONS & LISTING

- A. IBC Seismic
- B. U.S. EPA – Engine Stationary Emission Regulation 40CFR60
- C. UL2200 – Standards for Stationary Engine Generator Assemblies
- D. NFPA 110 – Level 2 Class 72 Type 10

1.4 ENGINE-GENERATOR SET

- A. **Factory-assembled and -tested, engine-generator set.**
- B. **Mounting Frame:** Maintain alignment of mounted components without depending on concrete foundation; and have lifting attachments.
- C. **Capacities and Characteristics:**
 - 1. **Power Output Ratings:** Electrical output power rating for Standby operation of not less than 80.0kW, at 80 percent lagging power factor, 120/240, Series Delta, Three phase, 4 - wire, 60 hertz.
- D. **Generator-Set Performance:**
 - 1. **Start Time:** Comply with NFPA 110, Level 2, Type 10, system requirements.
 - 2. **Ambient Condition Performance:** Engine generator shall be designed to allow operation at full rated load in an ambient temperature under site conditions, based on highest ambient condition. Ambient temperature shall be as measured at the air inlet to the engine generator for enclosed units.

1.5 ENGINE

- A. Engine Fuel: Natural Gas/Liquid Propane Dual Fuel System with Auto-Changeover.**

1.6 CONTROL AND MONITORING

- A. Engine generator control shall be microprocessor based and provide automatic starting, monitoring, protection and control functions for the unit.**

1.7 OUTDOOR GENERATOR-SET ENCLOSURE

- A. Description: Sound Attenuated Aluminum housing. Multiple panels shall be lockable and provide adequate access to components requiring maintenance. Instruments, control, and battery system shall be mounted within enclosure.**
- B. Construction:**
- 1. Hinged Doors: With padlocking provisions. Restraint/Hold back hardware to prevent door to keep door open at 180 degrees during maintenance. Rain lips over all doors.**
 - 2. Exhaust System:**
 - a. Muffler Location: Within enclosure.**
 - 3. Hardware: All hardware and hinges shall be stainless steel.**
 - 4. Wind Rating: Wind rating shall be 150 mph**
 - 5. Mounting Base: Suitable for mounting on sub-base fuel tank or housekeeping pad.**
 - 6. A weather protective enclosure shall be provided which allows the generator set to operate at full rated load with a static pressure drop equal to or less than 0.5 inches of water.**
- C. Engine Cooling Airflow through Enclosure: Housing shall provide ample airflow for engine generator operation at rated load in an ambient temperature.**
- D. Sound Performance: Reduce the sound level of the engine generator while operating at full rated load to a sound Level 2 output range of 63-78 d(B)A measured at any location 7 m from the engine generator in a free field environment.**
- E. Site Provisions:**
- 1. Lifting: Complete assembly of engine generator, enclosure shall be designed to be lifted into place as a single unit, using spreader bars.**

1.8 VIBRATION ISOLATION DEVICES

- A. Vibration Isolation: Generators installed on concrete slab-on-grade shall be provided with elastomeric isolator pads integral to the generator, unless the engine manufacturer requires use of spring isolation.**

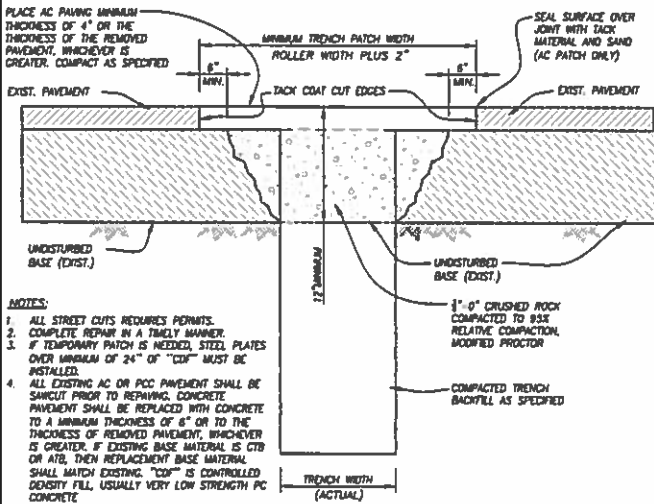
1.9 FINISHES

- A. Indoor and Outdoor Enclosures and Components: Powder-coated and baked over corrosion-resistant pretreatment and compatible primer. Manufacturer's standard color or as directed by owner.

1.10 ACCESSORIES

- A. The following accessories shall be supplied with system:
 1. Remote annunciator panel complying with NFPA 110.
 2. Battery heater – maintains battery temperature at or above manufacturer suggested temperature.
 3. Engine block heater – Thermostatically controlled to maintain manufacturer recommended coolant temperature for startup requirements of NFPA 110.
 4. Generator heater – Maintains stator windings above dew point. Auto-ON when generator is not running or as recommended by manufacturer.
 5. Automatic battery charger
 6. Battery Backup – Heavy Duty battery supplied by generator manufacturer and designed for use in proposed generator system



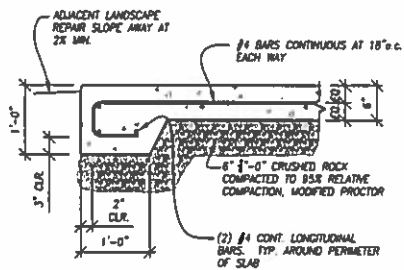


NOTES:

1. ALL STREET CUTS REQUIRES PERMITS.
2. COMPLETE REPAIR IN A TIMELY MANNER.
3. IF TEMPORARY PATCH IS NEEDED, STEEL PLATES OVER MINIMUM OF 24" OF "COF" MUST BE INSTALLED.
4. ALL EXISTING AC OR PCC PAVEMENT SHALL BE SAWCUT PRIOR TO REPAIRING. CONCRETE PAVEMENT SHALL BE REPLACED WITH CONCRETE TO A MINIMUM THICKNESS OF 8" OR TO THE THICKNESS OF REMOVED PAVEMENT, WHICHEVER IS GREATER. IF EXISTING BASE MATERIAL IS CTD OR ATD, THEN REPLACEMENT BASE MATERIAL SHALL MATCH EXISTING. "COF" IS CONTROLLED DENSITY FILL, USUALLY VERY LOW STRENGTH PC CONCRETE.

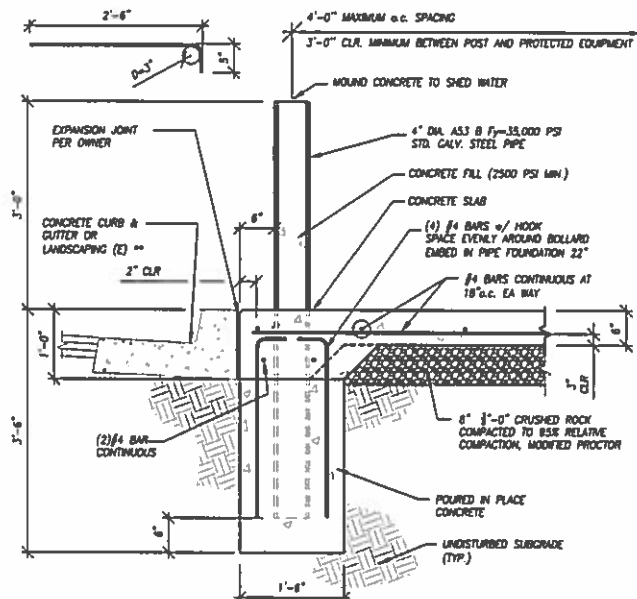
1 ASPHALT REPAIR

SCALE: N.T.S.



3 SLAB-ON-GRADE

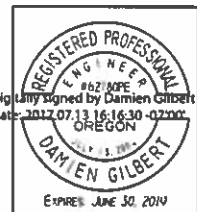
SCALE: N.T.S.



**FOR SIM CONDITION, WHERE SLAB EDGE ADJOINS LANDSCAPING SEE DETAIL 3/C2 FOR GRADING AT SLAB EDGE.

2 PROTECTION BOLLARD & SLAB EDGE

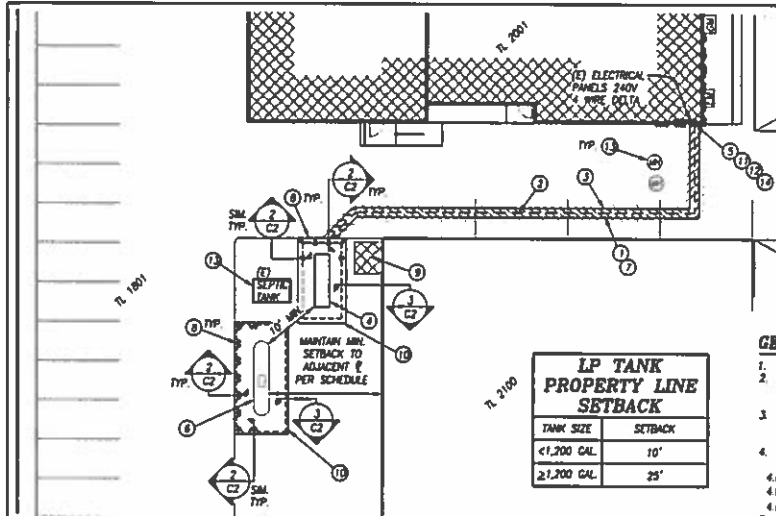
SCALE: N.T.S.



**CITY OF COBURG
STANDBY GENERATOR IMPROVEMENTS**
91136 NORTH WILLAMETTE ST.
COBURG, OREGON 97108

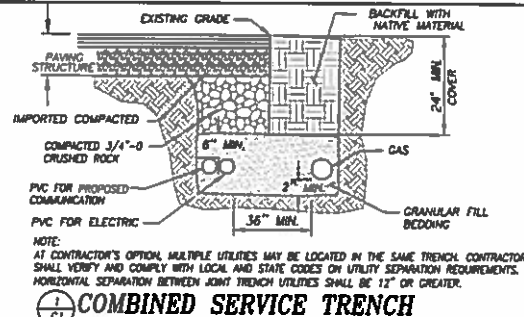
DATE	7/13/2017
BY	DL
CHECKED	DL
DATE	17-08-18
DETAILS	

C2



LP TANK PROPERTY LINE SETBACK

TANK SIZE	SETBACK
<1,200 GAL	10'
≥1,200 GAL	25'



KEY NOTES

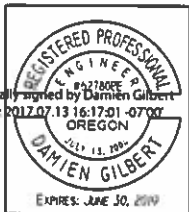
- SAW CUT & REMOVE EXISTING AC PAVING PROTECT SAW CUT EDGE DURING CONSTRUCTION.
- PROVIDE COMBINED SERVICES TRENCH PER DETAIL (1) (C1).
- FURNISH & INSTALL RIGID ELECTRICAL CONDUIT PER MFG. SPECIFICATIONS.
 - (1) MAIN POWER FEED FROM GENERATOR TO AUTOMATIC TRANSFER SWITCH.
 - (1) CONTROL WIRE FROM GENERATOR TO AUTOMATIC TRANSFER SWITCH.
 - (1) POWER SUPPLY FEED FROM EXISTING PANEL TO GENERATOR BATTERY CHARGER.
 - (1) COMMUNICATIONS WIRE FOR REMOTE MONITORING PANEL.
 - (1) NATURAL GAS SUPPLY PIPING, COORDINATE w/ HW NATURAL.
 - (1) 1" SPARE CONDUIT FOR CITY USE.
 - (1) OTHER CONDUITS REQUIRED BY DESIGN.
- PROVIDE APPROPRIATE SEPARATION IN COMBINED SERVICES TRENCH FURNISH & INSTALL DUAL FUEL 50 KW ENCLOSED GENERATOR PER SPECIFICATION DOCUMENT. INSTALL GENERATOR ON CONCRETE PAD PER MFG. & GENERAL NOTE 2.
- FURNISH & INSTALL APPROPRIATE CIRCUIT BREAKER AUTOMATIC TRANSFER SWITCHES, REMOTE ALARM ANNUNCIATOR PANEL, AND ALL CONNECTIONS TO EXISTING CIRCUIT BREAKERS AND TRANSFER SWITCHES SHALL BE EXTERIOR GRADE & MOUNTED TO EXTERIOR OF EXISTING BUILDING, AS NEEDED.
- FURNISH & INSTALL LP TANK SUFFICIENTLY SIZED BY LP SUPPLIER TO SUPPLY BACKUP FUEL FOR A PERIOD OF 72 HRS. AT 100% LOAD. INSTALL & ANCHOR TO CONCRETE SLAB PER GENERAL NOTE 2. CONNECT SUPPLY PIPING PER GENERATOR MFG.
- BACKFILL & REPLACE AC PAVING PER DETAIL (1) (C2).
- FURNISH & INSTALL PIPE PROTECTION BOLLARDS PER DETAIL (2) (C2).
- DEMOLISH, REMOVE, & REPAIR GRADING AT EXISTING STRUCTURE.
- CONSTRUCT SLAB-ON-GRADE PER DETAIL (2) (C2) & (3) (C2).
- PROVIDE EXTERIOR UV PROTECTED CONDUITS & CONNECTIONS FOR EXTERIOR FUTURES.
- PROVIDE CONDUITS THROUGH WALL FOR FUTURES TO BE INSTALLED AT INTERIOR OF BUILDING, SEAL ALL PENETRATIONS.
- PROTECT EXISTING UNDERGROUND UTILITIES.
- PROVIDE NATURAL GAS CONNECTION TO EXISTING.

GENERAL NOTES

- CONTRACTOR TO OBTAIN ALL NECESSARY BUILDING PERMITS APPLICABLE FOR COMPLETION OF WORK SPECIFIED HEREIN.
- PRIOR TO SUBMITTING PERMIT DOCUMENTS, CONTRACTOR SHALL PROVIDE ENGINEER WITH PRODUCT DATA SHEETS FOR ALL COMPONENTS REQUIRING ENGINEERED SEISMIC ANCHORAGE DESIGN TO CONCRETE SLABS. THESE PRODUCTS SHALL INCLUDE GENERATOR & LP TANK ASSEMBLIES.
- CONTRACTOR SHALL PROVIDE SUBMITTAL DOCUMENTS TO ENGINEER, FOR APPROVAL, PRIOR TO START OF WORK OR PRIOR TO PROCUREMENT OF ANY PRODUCTS. THESE PRODUCTS SHALL INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING: GENERATOR, LP TANK, RELATED ACCESSORIES, ALL EARTHWORK PRODUCTS.
- ALL EARTHWORK PRODUCTS SHALL CONFORM TO THE APPLICABLE SECTIONS OF THE CURRENT ODOT STANDARD SPECIFICATIONS FOR CONSTRUCTION FOR:
 - a. CONCRETE - PAVING CLASS-400-3/4" w/ AIR ENTRAINMENT - SE 4.1.5X
 - b. CRUSHED ROCK - DENSE-GRADED AGGREGATE BASE (SIZE PER PLAN)
 - c. AC PAVING - 1" DENSE LEVEL 2 IN/AC
- GENERATOR SYSTEM, LP TANK, CONNECTIONS TO EXISTING, AND RELATED ACCESSORIES ARE TO BE DESIGN/BUILD BY CONTRACTOR AND QUALIFIED DESIGN/BUILD SUBCONTRACTORS, AS NEEDED. SUBMITTED DESIGN AND ALL OTHER PRODUCTS SHALL CONFORM w/ THE APPLICABLE GOVERNING CODES, INDUSTRY STANDARDS, AND THE INCLUDED PERFORMANCE SPECIFICATION.
- THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK AND AGREE TO BE FULLY RESPONSIBLE FOR ANY LOCATION OF ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (USA) AT (800) 227-2600 TO INDICATE EXISTING UTILITIES AT LEAST 48 HOURS PRIOR TO BEGINNING WORK. THE CONTRACTOR SHALL TAKE PRECAUTIONARY MEASURES TO PROTECT THESE UTILITIES. THE CONTRACTOR SHALL DO NO EXCAVATION UNTIL ALL UTILITY AGENCIES AND THE CITY HAVE BEEN NOTIFIED AND HAVE BEEN GIVEN THE OPPORTUNITY TO MARK THEIR FACILITIES IN THE FIELD.
- ALL WORK WITHIN PUBLIC RIGHT-OF-WAY SHALL BE PER CITY OF COBURG PUBLIC WORKS REQUIREMENTS. A RIGHT-OF-WAY USE AND EXCAVATION PERMIT ALONG WITH A TRAFFIC CONTROL PLAN WILL BE REQUIRED PRIOR TO ANY WORK IN THE PUBLIC RIGHT-OF-WAY.

LEGEND

- PROPERTY LINE
- ADJACENT LINE
- PROPOSED JOINT UTILITIES (POWER, GAS, COMMUNICATIONS, ELECTRICAL)
- EXISTING BUILDING
- EXISTING MANHOLE
- EXISTING SEPTIC TANK CONNECTED TO CITY SEWER
- EXISTING GAS METER & ABOVE GROUND PIPING
- EXISTING ELECTRIC METER



**CITY OF COBURG
STANDBY GENERATOR IMPROVEMENTS**
91135 NORTH WILLAMETTE ST.
COBURG, OREGON 97408

7/17/2017
Scale: AS
Sheet: 17-0002
CIVIL PLAN & DETAILS
C1

2:181717-0002 Coburg City Hall Generator/17-0002 CIVIL PLAN/Scale: AS/Sheet: 17-0002