



Attachment A

To the 2012 Backup Generator Maintenance

SPECIFICATIONS

Materials

All supplies and materials used on this project shall be new, factory certified per the appropriate Generator manufacturer or approved equal.

Time for Performance

Quarterly preventative maintenance shall be scheduled for the months of February, May and November. Annual maintenance shall be scheduled for August. Detailed maintenance reports shall be left at the Wastewater Treatment Plant following each service. This quote shall be for service performed during the calendar years 2012.

Locations

1. Sedro-Woolley Wastewater Treatment Plant, 401 Alexander Street, Sedro-Woolley, WA; Cat Generator, Model SR4B, 400 KW, Cat Engine, Model 3406, Diesel
2. Hodgkin Pump Station, 1050 Hodgkin Street, Sedro-Woolley, WA
Kohler Generator, Model 20ROZJB, 25 KW
John Deere Engine, Model 3029DF120, Diesel
3. State Street Pump Station, 600 W. State Street, Sedro-Woolley, WA
Kohler Generator, Model 50R0ZJ71, 55 KW
John Deere Engine, Model 4039TF004, Diesel
4. Cook Road Pump Station, 1105 Cook Road, Sedro-Woolley, WA
Kohler Generator, Model 50R0ZJ71, 25 KW
John Deere Engine, Model 4039GF004, Diesel
5. Klinger Street Pump Station, 370 Klinger Street, Sedro-Woolley, WA
Kohler Generator, Model 20RZ, 20 KW
Ford Engine, Model LRG425, Natural Gas
6. West Jones Road Pump Station, 751 West Jones Road, Sedro-Woolley, WA
Cummins Generator, Model DGCB-5700101, 60 KW
Cummins Engine, Model 4BT3.9-G4, Diesel

7. John Liner Pump Station, 700 John Liner Road, Sedro-Woolley, WA
Kohler Generator, Model 45RZG, 45 KW
Detroit Engine, Model GM 4.3, Natural Gas
8. Holtcamp Pump Station, 1550 SR 20, Sedro-Woolley, WA
Cummins Generator, Model DGGD-7084202, 35 KW
Cummins Engine, Model 4BT3.3-06NR, Diesel
9. Hospital Pump Station, 1970 Hospital Drive, Sedro-Woolley, WA
Cummins Generator, Model DGGD-7084202, 35 KW
Cummins Engine, Model 4BT3-G6NR, Diesel
10. Fruitdale Pump Station, 920 Fruitdale Road, Sedro-Woolley, WA
Kohler Generator, Model 30REOZJC, 30 KW
John Deere Engine, Model 4024TF281, Diesel
11. McGarigle Stormwater PS, 1242 Independence Ave., Sedro-Woolley, WA
Cummins Generator, Model DSFAA-7243008, 35 KW
Cummins Engine, Model S85-G3NR3, Diesel.
12. Sedro-Woolley Fire Station, 220 Munro Street, Sedro-Woolley, WA
Kohler Generator, Model 60R7282, 60 KW
Ford Engine, Model LSG87516005-A, Natural Gas
13. Sedro-Woolley Fire Station #2, 1218 N Township Street, Sedro-Woolley, WA
Cummins Generator, Model GGHF, 70 KW, Natural Gas

Annual preventative maintenance shall include:

- Lube oil and filters change; parts included
- Replace fuel filter (diesel engines), parts included
- Oil samples, lab testing fee is included
- Coolant sample test for proper inhibiting level, combustion leaks, etc.
- Fuel sample, lab testing fee is included. Cetane and water content test
- All spark plugs to be inspected, cleaned or replaced, if required (non-diesel engines), parts not included
- Ignition system including points, condenser, cap rotor, coil, and wiring. (Inspection only, parts not included)
- Load bank test (2) hours
- Provide a detailed summary of maintenance performed including date of service, name and signature of technician, service performed, test results and comments regarding problems noted or additional service required.

Quarterly preventative maintenance shall include:

- Verify fuel supply
- Service or replace air filter, parts not included
- Visual check for oil, water or fuel leaks
- Inspect hoses
- Test antifreeze and adjust level, parts not included
- Pressure test cooling system, tighten hose connections as required
- Inspect and tighten belts
- Check engine heater operation
- Check for oil moisture, dirt; clean as necessary
- Check battery charger operation and charge rate
- Load test batteries, check specific gravity, and clean connections
- Check emergency system operation without load
- Check frequency and governor operation; adjust as necessary
- Check engine alternator and charge rate
- Check gauges and meters for proper operation and reading levels
- Check generator set auto shutdown system and alarms
- Check automatic transfer switch and accessory operation
- Emergency system operation with load transfer during normal business hours (With owner's permission only)
- Check generator output voltage and adjust as necessary
- Inspect for rodent infestation
- Provide a detailed summary of maintenance performed including date of service, name and signature of technician, service performed, test results and comments regarding problems noted or additional service required.