

- Cooling system
- Fuel system
- Air conduction and exhaust system
- Lube oil system
- Starting System
- Control Panel
- Power generation
- Sanitation

#### One (1) time Technical Analysis 2 (Diagnostic Testing)

Technical Analysis level 2 (TA2)- This will involve running the GENSET with load and a system-by-system check-up using the standard diagnostic instruments.

The following shall be included in the inspections:

- Cooling System. Perform radiator differential/ambient temperature test and radiator air flow test.
- Fuel system pressure test
- Lubrication system pressure test
- Air induction and exhaust system. Perform inlet manifold pressure test (boost Pressure test) and exhaust back and pressure test
- Air filter restriction test. Perform exhaust stack temperature test and blow- by test
- Insulation test on generator

#### 5. Other Services:

- Testing and Commissioning of unit on-site.
- Operation and Maintenance Training
- Preventive Maintenance Services (MPS)
  - Change of Oil Filter
  - Extract Oil Sample
  - Check Batteries
  - Lubricate Grease fittings

#### 6. Bidder's Qualifications:

- Preferably with five (5) years industry experience in the supply and installation of generator set.
- Must secure the necessary Permits and Licenses for the permissible operation of the generator set (National/Local/Barangay/DENR etc.)

#### 7. Installation, Testing and Commissioning

The Installation, Testing and Commissioning will be properly coordinated with.

- Complete installation, assembly and testing/commissioning on-site sixty (60) calendar days upon delivery of the unit to the PPSC Head Office and NPC-Silang.