

Supply, Installation, Testing & Commissioning of Acoustic Enclosure (Canopy) for DG Set 160 KVA

Sr. No	Description Of Items	Quantity
1	<p>Supply, Installation, Testing & Commissioning of Acoustic Enclosure (Canopy)</p> <p>TECHNICAL SPECIFICATIONS OF ACOUSTIC ENCLOSURE:-</p> <p>Outer Size :- Length – 4650mm , Width – 1580mm, Height – 1750mm</p> <p>CONSTRUCTION:- Detachable for easy to maintenance of Genset</p> <p>BASE FRAME:- Base is made out of 125 x 65 mm channel and Painted with Black Paint</p> <p>STRUCTURE:- Complete Structure made out of 16 gauge(1.6mm) press bend cold rolled sheet (CRCA), with 100mm wall thickness , Roof bend in shape of hut supported with angle and channels n, No of six door provided for easy maintenance of generator all parts is making to easy dismantle and assemble at site</p> <p>ACOUSTIC TREATMENT:- Insulation is 100 mm thick 96 kg/m3 density Rock Wool confirming to 8183 covered with R. P. Tissue paper and finished by 24 gauge galvanized perforated sheet which is riveted to structure</p> <p>AXIAL FLOW FANS:- Suitable Two Axial Flow Fan Dia 20” Provided in Canopy with 1HP three phase motors make Crompton for Fresh air on Generator</p> <p>PAINT:- whole Structure is duly Powder Coated with pure polyester powder sudhir green shade</p> <p>LOCKS:- Spring with stainless steel heavy Duty locks is provided with every door</p> <p>INSPECTION WINDOW;- Inspection window for viewing parameter of engine panel</p> <p>LIFTING HOOKS:- Four Lifting hooks are provided with Base frame of the enclosure</p> <p>FUEL TANK: - Inbuilt Fuel Tank Provided in enclosure with 300 Ltr capacity</p> <p>Exhaust :- Specially designed Residential Silencer Dia 5” Provided with Canopy and Exhaust Pipe 10 ft extra Provided as per Pollution Control Board</p> <p>Hinges :- All Door fitted to canopy with Heavy duty stainless steel hinges</p> <p>AVM PAD:- six Pc AVM PAD size as per requirement and other petty items (Complete in all respects)</p> <p>Rates are as per quotation attached.</p> <p>Note: Canopy made as per PPCB and CPCB Norms.</p>	01 No.
2/ 33.14 (iii)	<p align="center">COPPER EARTHING:</p> <p>Earthing of Sheet metal/ iron clad switches and metallic cases etc., with 25 mm x 3 mm thick electrolytic copper tape rivetted (with 10 nos. copper rivets) to 30 cm x 120 cm x 3 mm thick tinned copper plate (made cylindrical) buried 10 metre below ground level in the hole of excavation having bore dia. 125mm and surrounded by salt & charcoal dust mixture (20 kg.) including fixing the copper tape on wall and in floor etc., up to 13 metre in length (including bore length). G.I. pipe 20mm dia. (A-class) should be laid in the hole of excavation from bore surface level to 1 feet below ground level and having wire mesh funnel fixed on the top level of the pipe. 300mm x 300mm x 300mm deep haudi of bricks finished with 1:4 cement plaster and haudi covered with cast iron lid having size 300mm x 300mm around the hole of excavation.</p>	02

