

CROSS WORLD POWER LIMITED

BOQ OF 1X20 KVA GENERATOR

Client Name : SIBL

Address: HABIGANJ

Date: 27-05-17

Gen Model:

Engine Model :

Alternator Model :

Sl No	Job Description	Tehcnical Details/ Brand	SOS	Unit	Quantity	Unit Rate	Total Rate	Remarks
1	Electrical System:							
1.1	Generator Power Cable (30 °C Ambient on air)	4 X 10 rm NYY DG to ATS 4 X 10 rm NYY DB To ATS 4 X 10 rm NYY ATS to DB		Meter	5 20 20	520 520 520	2,600 10,400 10,400	
1.2	Power Cable Lugs	10 rm,Material-Copper,Surface-Electro Tinned		Pcs	26	26	676	
1.3	Control cable For Sensing	4 X 1.2 rm (40/0.19 mm) Flexible Cable		Meter	12	110	1,320	
1.4	PVC Flexible Pipe	2" Dia		Meter	20	120	2,400	
1.5	Saddle for Flexible Pipe	2"		Pcs	40	28	1,120	
1.6	Royal Plug & Screw	2"		Pack	4	162	648	
1.7	Royal Bolts	10 no.		Pcs	10	36	360	
1.8	PVC Tape	Adhesive Tape 4 Color (Red/Yellow/Black/Blue)		Pcs	4	38	152	
1.9	Cable Tie	8"		Pack	1	245	245	
2	Generator Earthing :							
2.1	Earthing Boring	Earthing of electrical installation with 38.1 mm (1.5") dia G.I. pipe (earth electrode) having 6.35 mm dia holes across the dia at 305 mm interval securedly bonded with washer, nuts, bolts etc. sunk upto a depth of 100 ft to attain earth resistance <1 ohm including blind socket for water pouring facility.		Job	N/A			ALREADY DONE BY CLIENT
2.2	Earthing Copper Lead	Installation of solid cooper wire earthing lead 2 SWG in 38.1 mm dia GI pipe & termination of connection at both end .		Meter (Approx.)	N/A			
2.3	Earthing Cable	1 X 6 rm BYA (Green) from Earthing Copper bar to gen & equipment		Meter	5	22	110	
2.4	Earthing Cable lugs	6 rm, Material -Copper , Surface-Electro Tinned		Pcs	6	135	810	
2.5	Earthing Block / Equipotential bar	Dimension 200mm X 20mm X5mm or equivalent with connection facility		Pc	1	2,850	2,850	
3	Exhaust System:							
3.1	Exhaust Silencer straight Pipe	MS Pipe bore 2" ,thickness 3-4mm		Feet(Approx)	10	550	5,500	
3.2	Exhaust Bends /Elbow	Long radius 90 deg L bow		Pcs	2	550	1,100	
3.3	Exhaust Threaded Socket	MS, Bore 2"		Pcs	2	410	820	
3.4	Exhaust Heat Insulation	Insulation Of Pipe with Rockwool/Glasswool (25.4mm min thickness) along with 1mm Aluminium sheet cladding.		Job	1	2,500	2,500	
3.5	Exhasut Fitting	All bracket , support must be made with MS angle 50X50X 4, 5 & 6 MM		Job	1	2,500	2,500	
4	Commissioning Material:							
4.1	Radiator Premix Coolant	Havoline		Liter	10	200	2,000	
4.2	Lube oil	SAE 15 W 40		Liter	10	462	4,620	
4.3	Battery electrolyte	Specific gravity 1250		Liter	10	65	650	
5	DG On site delivery:							
5.1	Loading /Unloading/Lifting	Generator dry weight-1100 Kg	CWPL	Job	1			

Total (BDT) Incl Vat & Ait:	53,781
Extra Billable above 20m Cable price:	13,000
Grand Total (BDT) Incl Vat & Ait:	40,781
Net payable (BDT) Incl Vat & Ait:	70,000

This value will individual billable. 20 m included in sales.

20m 4 -
SIBL, Sylhet Habiganj.

M. Hossain
06.04.17