

CROSS WORLD POWER LIMITED
BOQ OF 1x200 KVA GENERATOR

CLIENT - MR. SHAJAHAN ALI

ADDRESS- GULSHAN-2, DHAKA

DATE- 25.02.17

GEN MODEL-

ENGINE MODEL-

ALTERNATOR MODEL-

ELECTRICAL INSTALLATIONS								
SL NO	JOB DESCRIPTION	TECHNICAL DETAILS/ BRAND	SCOPE OF SUPPLY	UOM	QTY	UNIT RATE	TOTAL RATE	REMARKS
01	Electrical System:							
1.1	Power Cable (35 °C Ambient on air)	4X1C-120rm NYY DG To Multi ATS		Mefer	30	1,205	36,150	
1.2	Power Cable Lugs	120 rm, Material -Copper , Surface-Electro Tinned		Pcs	10	100	1,000	
1.3	Control cable For Sensing	4 X 1.2 rm (4.0/0.19 mm) Flexible Cable		Meter (Appx)	18	105	1,890	
1.4	Royal Bolt	10/12 no.		Pcs	8	35	280	
1.5	PVC Tape	Adhesive Tape 04 color (R/Y/B/Black)		Pcs	4	40	160	
1.6	PIB Tape			Pcs	0	580	-	
1.7	Cable Tie	L - 8"/10"		Pack	0	250	-	
02	Generator Earthing :							
2.1	Earthing Boring	Earthing of electrical installation with 37 mm (1.5") dia G.I. pipe (earth electrode) having 6.35 mm dia holes across the dia at 305 mm interval securely 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. Boring: 100' & GI Pipe: 10'x10'		Job	1	14,500	14,500	
2.2	Earthing Copper Lead	Installation of solid copper wire earthing lead 2 SWG in 37 mm dia GI pipe & termination of connection at both end .		Meter (Appx)	34	570	19,380	
2.3	Earthing Block / Equipotential bar	LXWXD- 200mm X 45mm X 5mm with connection facility		Pc	1	2,750	2,750	
2.4	Earthing Cable	1 X 25 rm BYA (Green) from Earthing Copper bar to gen & equipment		Meter	0	-	-	
2.5	Earthing Cable lugs	25 rm Material -Copper , Surface-Electro Tinned		Pcs	6	35	210	
3	Exhaust System:							
3.1	Exhaust Silencer straight Pipe	MS Pipe bore 127mm ,thickness 3-4mm		Feet(Appx)	12	1,125	13,500	
3.2	Exhaust Bends /Elbow	Long radius 90 deg L bow bore 127mm		Pcs	2	1,000	2,000	
3.3	Exhaust Flange	Welding neck flange 127mm bore		Pcs	4	750	3,000	
3.4	Exhaust Heat Insulation	Insulation with Rockwool/ Glasswool (37mm) and 26 SWG aluminium sheet cladding		Job	1	6,500	6,500	
3.5	Exhasut Fitting	With MS angle 37X37X5 mm, flat bar, nut bolt, Royal Bolt etc.		Job	1	5,500	5,500	
4	Cooling System:							
4.1	Radiator Ducting for Hot Air	Duct WXH- 3'X3.5', L- As per layout with 20/22 SWG MS sheet,Angle bar, flat bar support, Canvas cloth etc		Sq-ft	52	270	14,040	
5	Commissioning Material:							
5.1	Radiator coolant & DM Water Mix	Havoline Premix Coolant		Liter	20	250	5,000	
5.2	Lube oil	SAE 15 W 40		Liter	20	420	8,400	
5.3	Battery electrolyte	Specific gravity 1250		Liter	20	65	1,300	
Total (BDT):							135,560	

Discount 0 15,500/-
Grand Total = 1,20,000/-

20/1/17
Total
Disc 0
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