

CROSS WORLD POWER LIMITED **BOQ OF 30 KVA GENERATOR**

CLIENT - MEHMOOD PROPERTIES

ADDRESS - BASHUNDHARA

DATE- 03-08-17

GEN MODEL-

ENGINE MODEL-

ALTERNATOR MODEL-

SL NO	JOB DESCRIPTION	TECHNICAL DETAILS/ BRAND	SCOPE OF SUPPLY	UOM	QTY	UNIT RATE	TOTAL RATE	REMARKS
1	Electrical System:							
11		4C-10 rm NYY DG To ATS		Meter(Appx)	28	650	18,200	CABLE QUANTITY MAY CHANGE UPON ATS POSITION And laying route.
12	Power Cable (35 °C Ambient on air)	4C-10 rm NYY Mains To ATS		Meter(Appx)	6	650	3,900	
13		4C-10 rm NYY ATS to Load		Meter(Appx)	6	650	3,900	
14	Power Cable Lugs	10 rm , Material -Copper , Surface -Electro Tinned		Pcs	26	45	1,170	
15	Control cable For Sensing	4 X 12 rm (40/0.19 mm)Flexible Cable		Meter(Appx)	58	110	6,380	
16	PVC Flexible pipe	15"Ø		Meter(Appx)	28	75	2,100	
17	Saddle for Flexible pipe	15" Ø Local		Pcs	45	18	810	
18	Royal Plug & Screw	15" length		Pack	4	145	580	
19	PVC Tape	Adhesive Tape 04 color (Red/Yellow/Black/Blue)		Pcs	8	40	320	
11	PIB Tape			Pcs	1	600	600	
111	Royal Bolt	10 no.		Pcs	10	35	350	
112	Cable Tie	L - 10"		Pack	1	250	250	
113	Cable Laying	Power Cable laying under ceiling		Meter(Appx)	37	55	2,035	
2	Generator Earthing :							
2.1	Earthing Boring	Earthing of electrical installation with 38.1 mm (1.5") dia GI pipe throughly (2swg earth electrode) having 6.35 mm dia holes across dia at 305 mm interval securedly bonded with washer, nuts, bolts etc. sunk upto a depth of 100 ft with GIP pipe 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 38.1 mm dia GI pipe & termination of connection at both end.		Meter(Appx)	33	575	18,975	
2.3	Earthing Block	Dimension LXWXD - 250mm X 10mm X 3mm with connection facility		Pcs	1	2,500	2,500	
2.4	Earthing Cable	1 X 6 rm BYA (Green) from Earthing Copper bar to gen & equipment		Meter	6	125	750	
2.5	Earthing Cable lugs	6 rm Material -Copper , Surface -Electro Tinned		Pcs	6	25	150	
3	Exhaust System:							
3.1	Exhaust Silencer straight Pipe	MS Pipe bore 2", thickness 3-4mm		Feet(Appx)	10	400	4,000	QTY may vary. Client haven't confirmed exhaust discharge point.
3.2	Exhaust Bends /Elbow	Long radius 90 deg L bow		Pcs	2	475	950	
3.4	Exhaust Socket/Flange	Threaded 2"dia MS Socket-01 pcs and 3" dia MS socket - 02 Pcs		Pcs	1	350	350	
3.5	Exhaust Heat Insulation	Insulation Of Pipe with Rockwool/Glasswool (38.1 mm min thickness) along with 26SWG Aluminum sheet cladding.		Job	1	3,500	3,500	
3.6	Exhaust Fitting	All bracket , support must be made with MS angle 50X50X 4, 5 & 6 MM		Job	1	3,750	3,750	
04	Cooling System:							
4.1	Ducting	WXH -15'X1' L -12' As per layout with 20/22 SWG MS sheet,Angle bar, Hat bar support,Canvas cloth etc		Sq-ft	144	270	38,880	
5	Commissioning Material:							
5.1	Radiator coolant	Havoline Premix Coolant		Liter	10	200	2,000	
5.2	Lube oil	SAE 15 W 40		Liter	10	420	4,200	
5.3	Battery electrolyte	Specific gravity 1250		Liter	10	65	650	
06	DG On site delivery:							
6.1	Loading /Unloading/Lifting	Generator dry weight-2600 Kg	CWPL	Job	1	-	-	Free of Cost
07	Civil works:							
7.1	Generator foundation	Dimension L X W - 9'X4'-6" Depth D: 4"	CLIENT	Job	1	-	-	OVERHEAD SHED FOR DG WILL BE PROVIDED BY CLIENT

Total (BDT) Excl VAT & AIT: 135,750

Special Discount, Total (BDT) Excl VAT & AIT: 110,000.00

NO. 50% before delivery and 50% after commissioning.

Zainab
3/10/2017