

CROSS WORLD POWER LIMITED
BOQ OF 15 KVA GENERATOR



Client Name : SPECTRA

Address : KAPASIA, GAZIPUR

Date: 10.06.17

Gen Model:

Engine Model :

Alternator Model :

SI No	Job Description	Tehcnical Details/ Brand	SOS	Unit	Quantity	Unit Rate	Total Rate	Remarks
01	Electrical System:							
1.1		1X4C- 10 rm NYY DG To ATS		Meter	7	495	3,465	
1.2	Power Cable (35 °C Ambient on air)	1X4C- 10 rm NYY MAINS To ATS		Meter	3	495	1,485	
1.3		1X4C- 10 rm NYY ATS To LOAD		Meter	3	495	1,485	
1.4	Power Cable Lugs	10 rm, Material -Copper , Surface-Electro Tinned		Pcs	26	28	728	
1.5	Control cable For Sensing	4 X 1.2 rm (40/0.19 mm) Flexible Cable		Meter	16	105	1,680	
1.6	Flexible Pipe	1.5" inner Ø		Meter	10	75	750	
1.7	Saddle For Flexible Pipe	1.5"		Pcs	20	15	300	
1.8	Royal Plug & Screw	10 No. & 1" star		Pack	2	145	290	
1.9	Royal Bolt	8/10 no.		Pcs	10	32	320	
1.10	PVC Tape	Adhesive Tape 04 color (Red/Yellow/Black/Blue)		Pcs	4	38	152	
1.11	Cable Tie	L - 10"		Pack	1	250	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 securedly bonded with washer, nuts, bolts etc. sunk upto a depth of 100 ft to attain earth resssistance <1 ohm including blind socket for water pouring facility. Boring: 100' & GI Pipe: 10'+10'		Job	1	12,500	12,500	
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)	36	570	20,520	
2.3	Earthing Block / Equipotential bar	LXWXD- 200mm X 15mm X 5mm with connection facility		Pc	1	2,250	2,250	
2.4	Earthing Cable	1 X 10 rm BYA (Green) from Earthing Copper bar to gen & equipment		Meter	10	135	1,350	
2.5	Earthing Cable lugs	10 rm Material -Copper , Surface-Electro Tinned		Pcs	6	-	-	
03	Exhaust System:							
3.1	Exhaust Silencer straight Pipe	MS Pipe bore 50mm ,thickness 3-4mm		Feet(Approx)	10	500	5,000	
3.2	Exhaust Bends /Elbow	Long radius 90 deg L bow 50mm bore		Pcs	1	370	370	
3.3	Exhaust Socket	50mm bore MS socket		Pcs	1	345	345	
3.4	Exhaust Heat Insulation	Insulation with Rockwool/ Glasswool (25mm) and 26SWG aluminium sheet clading		Job	1	3,000	3,000	
3.5	Exhasut Fitting			Job	1	2,500	2,500	
04	Cooling System:							
4.1	Radiator Ducting	Matrix WXH- As per layout with 20/22 SWG MS sheet,Angle bar, flat bar support,Canvas cloth etc		Sq-ft	N/A			
05	Commissioning Material:							
5.1	Radiator coolant & DM Water Mix	Havoline Premixed 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	
6	DG DELIVERY TO SITE							
6.1	Loading /Unloading/Lifting	Generator dry weight-900 Kg		Job	1			

Total (BDT) Excl VAT & AIT:

65,590

Handwritten notes:
 15/06/2017
 50,000/-
 (Paid @ 14/06/2017)
 A. SP - Mr. Mahin