

CROSS WORLD POWER LIMITED
BOQ OF 45 KVA GENERATOR

CLIENT - Dr.Josheh Memorial hospital ltd.

ADDRESS- joynagor ,manikgonj

DATE- 23-09-18

GEN MODEL-

ENGINE MODEL-

ALTERNATOR MODEL-

SL NO	JOB DESCRIPTION	TECHNICAL DETAILS/ BRAND	UOM	QTY	UNIT RATE	TOTAL RATE
1	Electrical System:					
1.1	Power Cable (35 °C Ambient on air)	4x1C-16rm NYY DG To ATS	Meter	30	243	7290
		4x1C-16rm NYY MAINS To ATS	Meter	7	243	1701
		4x1C- 16rm NYY ATS To LOAD	Meter	244	243	59292
1.2	Power Cable Lugs	16rm , Material -Copper , Surface -Electro Tinned	Pcs	26	11	286
1.3	Control cable For Sensing	4 X 1.2 rm (40/0.19 mm)Flexible Cable	Meter	18	87	1566
1.4	PVC Flexible pipe	1.5" inner Ø	Meter	70	39	2730
1.5	Saddle for Flexible pipe	1.5" Ø Local	Pcs	210	5	1050
1.6	Royal Plug & Screw	1.5" length	Pack	1&1	171	171
1.7	PVC Tape	Adhesive Tape 04 color (Red/Yellow/Black/Blue)	Pcs	4	29	116
1.8	PIB Tape		Pcs	1	461	461
1.9	Royal Bolt	10 no.	Pcs	10	18	180
1.1	Cable Tie	L - 8 "	Pack	1	138	138
2	Generator Earthing :					
2.1	Earthing boring	80 rft	Job	1	5789	5789
2.2	GI Pipe	38mm dia	Meter	7	483	3381
2.3	Copper lead	4 SWG	Meter	25	262	6550
2.4	Copper lead termination	4 swg pit to bar (Bar locartion inside of the DG room)	Meter	3	262	786
2.5	Earhting Block	Dimension LXWXD - 200mm X 30mm X 4mm with connection facility	Pcs	1	1974	1974
2.6	Earthing Cable	1 X 10 rm BYA (Green) from Earting Copper bar to gen & equipment	Meter	4	127	508
2.7	Earthing Cable lugs	10 rm Material -Copper , Surface -Electro Tinned	Pcs	4	8	32
3	Exhaust System:					
3.1	Exhaust Silencer straight Pipe	MS Pipe bore 3" ,thickness 3mm	Meter	4	1726	6904
3.2	Exhaust Bends /Elbow	Long radius 90 deg L bow 3" Dia	Pcs	2	724	1448
3.3	Exhaust Socket	Threaded 3"dia MS Socket	Pcs	4	592	2368
3.4	Exhaust Heat Insulation	Insulation Of Pipe with Glasswool (25.4mm min thickness) along with 26SWG Aluminium sheet clading.	Job	1	4046	4046
3.5	Exhasut Fitting	All bracket , support must be made with MS angle 50X50X 4, 5 & 6 MM	Job	1	3044	3044
4	Cooling System:					
4.1	Radiator Ducting	WXH- 2.5' X 2.5', L- 6' As per layout with 22 SWG MS sheet,Angle bar, flat bar support,Canvas cloth, Iron mesh etc	Sq-ft	60	262	15720
5	Commissioning Material:					
5.1	Radiator coolant	Havoline Premix Coolent	Liter	10	86	860
5.2	Lube oil	SAE 15 W 40	Liter	10	461	4610
5.3	Battery electrolyte	Specific gravity 1.250	Liter	10	66	660
5.4	Diesel for test run		Liter	60	75	4500
6	DG On site delivery:					
6.1	Loading /Unloading/Lifting	Generator dry weight-1500 Kg	Job	1		
					TOTAL	138161
					Special dicount	8161
					After discount	BDT 130,000

Notes:ALL necessary civil work will be done by client

Handwritten signature and date:
 22/09/18