

CROSS WORLD POWER LIMITED

BOQ OF 80 KVA GENERATOR

CLIENT - Probal Engineers			ADDRESS- Gazipur		DATE- 27-05-18		
GEN MODEL-		ENGINE MODEL-		ALTERNATOR MODEL-			
SL NO	JOB DESCRIPTION	TECHNICAL DETAILS/ BRAND	SCOPE OF SUPPLY	UOM	QTY	TOTAL RATE	REMARKS
1	Electrical System:						
1.1	Power Cable (35 °C Ambient on air)	4X1C 35 rm NYY DG To ATS		Meter	38	16,112	
		4X1C 35 rm NYY Mains To ATS			24	10,176	
		4X1C 35 rm rm NYY ATS to Load			24	10,176	
1.2	Power Cable Lugs	35 rm , Material -Copper , Surface-Electro Tinned		Pcs	26	650	
1.3	Control cable For Sensing	4 X 1.2 rm (40/0.19 mm)Flexible Cable		Meter	22	1,870	
1.4	PVC Flexible Pipe	2.5" dia		Meter	22	2,068	
1.6	Saddle for flexible pipe	2.5" dia local		Pcs	40	320	
1.7	Royal Plug & Screw	1.5" length		Pack	1	178	
1.8	PVC Tape	Adhesive Tape 04 color (Red/Yellow/Black/Blue)		Pcs	8	232	
1.9	Royal Bolt	10 no.		Pcs	10	210	
1.1	Cable Tie	L - 10"/12"		Pack	2	356	
1.11	Power Cable Laying	Power Cable Laying exciution work through PVC flexible pipe		Meter	90	2,610	
2	Generator Earthing :					-	
2.1	Earthing Boring	1 nos, 100ft		Feet	100	7,500	
2.2	GI Pipe (Boring)	38.1mm Dia		Feet	20	3,060	
2.3	Earthing Copper Lead (Boring)	2 SWG		Feet	100	14,100	
2.4	Earthing Copper Lead (Termination)	2 SWG		Feet	30	4,230	
2.5	Earthing Block	LXWxD - 250mm X 30mm X 5mm with connection facility, isolator, royal bolt etc		Nos.	1	3,081	
2.6	Earthing Cable	1 X 16 rm BYA (Green) from Earting Copper bar to gen & equipment		Meter	10	1,740	
2.7	Earthing Cable Lugs	16 rm , Material -Copper , Surface-Electro Tinned		Pcs	4	56	
3	Exhaust System:					-	
3.1	Exhaust Silencer straight Pipe	MS Pipe bore 4" ,thickness 3-4mm		Meter	5	10,110	** Considering Body Building Canopy
3.2	Exhaust Heat Insulation	Insulation Of Pipe with Glasswool (25.4mm min thickness) along with 26SWG Aluminium sheet clading.		Meter	5	3,425	
3.3	Exhasut Fitting	All bracket , support must be made with MS angle 50X50X 4, 5 & 6 MM		Meter	5	3,370	
3.4	Exhaust Bends /Elbow	Long radius 90 deg L bow 4"		Pcs	2	1,096	
3.5	Exhaust Flange	Threaded 4"dia MS Socket		Pcs	1	479	
04	Cooling System:					-	
4.1	Radiator Ducting	As per layout with 20/22 SWG MS sheet,Angle bar, flat bar support,Canvas cloth etc		Sq-ft	-	-	
5	Commissioning Material:					-	
5.1	Radiator coolant	Havoline Premix Coolent		Liter	15	1,335	
5.2	Lube oil	SAE 15 W 40		Liter	10	4,500	
5.3	Battery electrolyte	Specific gravity 1250		Liter	10	680	
5.4	Fuel	Diesel (For test run)		Liter	100	8,000	
06	DG On site delivery:						
6.1	Loading /Unloading/Lifting	Generator dry weight-2600 Kg	CWPL	Job	1		80FT Roolling After Unloading From Car

total TK-- 111,719

* Payment : 100% payment advance.

Approved : 100,000

12.10.18