

CROSS WORLD POWER LIMITED

BOQ OF 1X30 kVA GENERATOR

CLIENT - MASUM TOWER

ADDRESS- PAIKPARA, BRAHMANBARIA

DATE- 08-09-19

GEN MODEL-

ENGINE MODEL-

ALTERNATOR MODEL-

SL NO	JOB DESCRIPTION	TECHNICAL DETAILS/ BRAND	Scope of Work	UOM	QTY	UNIT RATE	TOTAL RATE	REMARKS
1	Electrical System:							
1.1	Power Cable (35 °C Ambient on air)	4CX10 rm NYY DG To ATS 4CX 10 rm NYY ATS To Mains 4CX 10 rm rm NYY ATS to Load		Meter	6 8 8	- - -	- - -	
1.2	Cable Lugs	16 rm , 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	13	87	1,131	
1.4	PVC Flexible Pipe	1.5" dia		Meter	20	39	780	
1.5	Saddle for flexible pipe	1.5" dia local		pcs	15	5	75	
1.6	Royal Plug & Screw	10 no. & 1.5" length		Pack	1	171	171	
1.7	PVC Tape	Adhesive Tape 04 color (Red/Yellow/Black/Blue)		Pcs	4	29	116	
1.8	Royal Bolt	10 no.		Pcs	10	18	180	
1.9	Cable Tie	L - 8"		Pack	1	138	138	
2	Generator Earthing :							
2.1	Earthing Boring	100 rft	CLIENT	Job	-	-	-	
2.2	Earthing Copper Lead	4 SWG		Meter	-	-	-	
2.3	GI Pipe	38m dia		Meter	-	-	-	
2.4	Earthing Block	Dimension LXWxD - 200mm X 30mm X 5mm with connection facility		Pc	1	2,105	2,105	
2.5	Earthing Cable	1 X 10 rm BYA (Green) Earthing boring to gen & equipment		Meter	13	101	1,313	
2.6	PVC Flexible Pipe	3/4" inner dia		Meter	13	22	286	
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 4mm		Meter	3	1,726	5,178	
3.2	Exhaust Bends /Elbow	Long radius 90 deg L bow 3"		Pcs	1	724	724	
3.3	Exhaust Socket	3" inner dia		Pcs	1	592	592	
3.4	Exhaust Heat Insulation with Silencer Box	Insulation Of Pipe with Rockwool (50mm thickness) along with 26SWG Aluminium sheet clading.		Job	1	2,870	2,870	
3.5	Exhasut Fitting with Silencer Box	All bracket , support must be made with MS angle 50X50X 4, 5 & 6 MM		Job	1	1,954	1,954	
4	Cooling System:							
4.1	Radiator Ducting	As per layout with 22 SWG MS sheet,Angle bar, flat bar support,Canvas cloth etc WXH=2.5'X2' rft=4		Sq-ft	36	262	9,432	
5	Commissioning Material:							
5.1	Radiator coolant	Havoline Premix Coolant		Liter	10	160	1,600	
5.2	Lube oil	SAE 15 W 40		Liter	10	420	4,200	
5.3	Battery electrolyte	Specific gravity 1250		Liter	10	90	900	
6	DG On site delivery:							
6.1	Loading /Unloading/Lifting	Generator dry weight-1500 Kg		Job	1	-	-	
7	Civil Work							
7.1	Required DG base	Base Dimension,LxWxD(inch)=102"x48"x6" with NCF		Job	1			
7.2	Rubber Pad	6'X6", 1 inch thickness		Job	4	250	1,000	

TOTAL TK(Excluding VAT & AIT)

35,063

Approved

35000

* 100% before delivery (Paid)
(Sohel Uddin)