

CROSS WORLD POWER LIMITED

BOQ OF 1X100 kVA GENERATOR

CLIENT - BURO BANGLADESH

ADDRESS-FARIDPUR

DATE- 29-08-19

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:							
1.1	Power Cable (35 °C Ambient on air)	4x1C 50 mm NYY DG To ATS 4x1C 50 mm NYY ATS to Mains 4x1C 50 mm mm NYY ATS to Load		Meter	60 20 20	521 521 521	31260 10420 10420	
1.2	Power Cable Lugs	50 mm , Material -Copper , Surface -Electro Tinned		Pcs	26	33	858	
1.3	Control cable For Sensing	4 X 1.2 mm (40/0.19 mm)Flexible Cable		Meter	31	87	2697	
1.4	PVC Flexible Pipe	3" dia		Meter	22	237	5214	
1.5	Saddle for flexible pipe	3.5" dia local		pcs	45	16	720	
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	PIB Tape			Pcs	1	461	461	
1.9	Royal Bolt	10 no.		Pcs	10	18	180	
1.10	Cable Tie	L - 8"		Pack	2	139	278	
1.11	Power Cable Laying	50 mm NYY		Meter	100	39	3900	
2	Generator Earthing :							
2.1	Earthing Boring	120 rft		Job	1	8684	8684	
2.2	Earthing Copper Lead	2 SWG		Meter	37	419	15503	
2.3	GI Pipe	38mm inner dia		Meter	7	483	3381	
2.4	Earthing Block	Dimension LXWxD - 200mm X 30mm X 5mm with connection facility		Pc	1	2105	2105	
2.5	Earthing Cable	1 X 16 mm BYA (Green) from Earthing Copper bar to gen & equipment		Meter	5	160	800	Boring consider adjacent to DG room
2.6	Earthing Cable lugs	16 mm Material -Copper , Surface -Electro Tinned		Pcs	4	11	44	
3	Exhaust System:							
3.1	Exhaust Silencer straight Pipe	MS Pipe bore 4" ,thickness 4mm		Meter	7	1942	13594	
3.2	Exhaust Bends /Elbow	Long radius 90 deg L bow 4"		Pcs	2	855	1710	
3.3	Exhaust Flange	Welding neck flange 4" dia		Pcs	2	461	922	
3.4	Exhaust Heat Insulation	Insulation Of Pipe with Glasswool (50mm min thickness) along with 26SWG Aluminium sheet cladding		Job	1	4529	4529	
3.5	Exhaust Fitting	All bracket , support must be made with MS angle 50X50X 4, 5 & 6 MM		Job	1	3626	3626	
04	Cooling System:							
4.1	Radiator Ducting	As per layout with 22 SWG MS sheet,Angle bar, flat bar support,Canvas cloth etc		Sq-ft	N/A	-	-	
5	Commissioning Material:							
5.1	Radiator coolant	Havoline Premix Coolant		Liter	15	160	2400	
5.2	Lube oil	SAE 15 W 40		Liter	10	420	4200	
5.3	Battery electrolyte	Specific gravity 1250		Liter	10	90	900	
06	DG On site delivery:							
6.1	Loading /Unloading/Lifting	Generator dry weight-2600 Kg	CWPL	Job	1			
7	Civil Work							
7.1	DG Base	LXWxD=13'X4'3"X6"	CLIENT	JOB	1			

TOTAL TK.(Excluding VAT & AIT)

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Notes:All required civil work will be done by client

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Handwritten signature and date: 12/09/2019