

CROSS WORLD POWER LIMITED
BOQ OF 1x45KVA GENERATOR

CLIENT - Professor M A Wahid		ADDRESS- Uttara		DATE: 10/03/2021				
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)	4C-25rm NYY DG To ATS 4C-25rm NYY MAINS To ATS 4C-25rm NYY ATS To LOAD	CLIENT	Meter	8			
					11			
					9			
1.2	Power Cable Lugs	25rm , Material -Copper , Surface-Electro Tinned		Pcs	26	18	468	
1.3	Control cable For Sensing	4 X 1.2 rm (40/0.19 mm)Flexible Cable		Meter	15	90	1,372	
1.4	PVC Flexible pipe	1.5" inner Ø		Meter	18	39	713	
1.5	Saddle for Flexible pipe	1.5" Ø Local		Pcs	20	5	100	
1.6	Royal Plug & Screw	1.5"		Pack	2	171	342	
1.7	PVC Tape	Adhesive Tape 04 color (Red/Yellow/Black/Blue)		Pcs	8	29	232	
1.8	Royal Bolt	10 no.		Pcs	10	18	180	
1.9	Cable Tie	L - 8 "		Pack	2	138	276	
1.10	Power cable laying	4C-25rm NYY cable laying, connection & termination		Meter	18	70	1,280	
2	Generator Earthing :							
2.1	Earthing Boring	80 rft		Job	N/A			Already Done
2.4	Earthing Block	Dimension LXWxD - 200mm X 30mm X 4mm with connection facility		Pc	1	1974	1974	
2.5	Earthing Cable	1 X 16 rm BYA (Green) from Earthing Copper bar to gen & equipment + Earthing pit to earthing Bar.		Meter	10	215	2150	
2.6	Earthing Cable lugs	16 rm Material -Copper , Surface-Electro Tinned		Pcs	6	11	66	
3	Exhaust System:							
3.1	Exhaust Silencer straight Pip	MS Pipe bore 3" , thickness 3mm		Meter	12	1,726	21,049	
3.2	Exhaust Bends /Elbow	Long radius 90 deg L bow 3" Dia		Pcs	3	724	2,172	
3.3	MS Socket	3" dia socket		Pcs	3	592	1,776	
3.4	Exhaust Heat Insulation	Insulation Of Pipe with Glasswool (25.4mm thickness) along with 26SWG Aluminium sheet cladding.		Job	1	8,291	8,291	
3.5	Exhaust Fitting	All bracket , support must be made with MS angle 50X50X 4, 5 & 6 MM		Job	1	6,584	6,584	
4	Cooling System:							
4.1	Radiator Ducting	As per layout with 22 SWG MS sheet,Angle bar, flat bar support,Canvas cloth, Iron mesh etc WxH- 2' x 2.5', L=5'		Sq-ft	45	237	10,665	Hot Air Exit - Top of the canopy
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	400	4,000	
5.3	Battery electrolyte	Specific gravity 1250		Liter	10	90	900	
5.4	Diesel	For test run	CLIENT	Liter	65	-	-	
6	DG On site delivery:							
6.1	Loading /Unloading/Lifting	Generator dry weight-2000 Kg		Job	1	-	-	
7	Civil work							
7.1	Required DG base	Base dimension LXW(ft)=9'4"x4'6", Depth	CLIENT	Job	1	-	-	Already Done by client
TOTAL TK.(Excluding VAT & AIT)							66,191	

Note: Related Civil work will be arranged by Client as per instruction of CWPL Engineer.

⊗ Payment terms: 100% Advance (Received)

[Signature]
5/6/21.

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Note: Consider this as a work order & client already pay full amount.
Please start the job as soon as possible.