

CROSS WORLD POWER LIMITED									
BOQ OF 250KVA GENERATOR									
CLIENT - Seba Green Line Limited (Masud Gr			ADDRESS-		DATE-21.09.2021				
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)	1C-185 mm NYY DG To ATS (LT)		CLIENT	Approx. Meter	159	2,945		
1.4	Earthing Cable	1 X 95mm BYA (Green) from Earthing pit to Copper bar to gen & equipment		CLIENT	Meter Approx.	21	1,386		
1.2	Cable Ladder	300X50 mm Made with 37x37x5 mm MS angle & 37x5 mm flatbar with painting. Support with threaded stick MS/GI rod, lock nut bolt and washer.		CLIENT	Meter Approx.	35	1,921		
1.3	Cable Laying system	Cable laying and termination system			Meter	159	134	21,202	
1.5	Power Cable Lugs	185 mm Material -Copper , Surface-Electro Tinned		CLIENT	Pcs	26	150		
1.6	Control cable For Sensing	4X 1.2 mm (40/0.19 mm) Flexible Cable		CLIENT	Meter Approx.	70	118		depend on site condition
1.5	PVC Flexible Pipe	1" Dia		CLIENT	Meter	35	29		
1.7	PVC Tape	Adhesive Tape 04 color (Red/Yellow/Black/Blue)		CLIENT	Pcs	12	33		
1.8	PIB Tape			CLIENT	Pcs	1	522		
1.6	Royal Bolt	10 no.		CLIENT	Pcs	10	20		
1.9	Cable Tie	L - 8"/10"		CLIENT	Pack	5	179		
2.5	Earthing Block	Dimension LXWXD - 250mm X 40mm X 5mm with connection facility			Nos.	1	2,684	2,684	
1.10	Earth cable lugs	95mm Material -Copper , Surface-Electro Tinned			Nos.	6	60	360	
3	Exhaust System:								
3.1	Exhaust Silencer straight Pipe	MS Pipe bore 5", thickness 3-4mm		CLIENT	Meter	9	4,157		depend on site condition
3.2	Exhaust Bends /Elbow	Long radius 90 deg L bow 5" bore			Pcs	2	1,417	2,833	
3.3	Exhaust Bends / Elbow with Flange	Welding neck flange 5" dia			Pcs	5	671	3,355	
3.4	Exhaust Heat Insulation for 5" dia pipe	Insulation Of Pipe with Rockwool (50mm thickness) along with 26SWG GP sheet jacketing			Meter	9	978	8,946	
3.5	Exhaust Heat Insulation for 1nos. silencer box	Insulation Of Pipe with Rockwool (50mm thickness) along with 26SWG GP sheet jacketing			Job	1	3,728	3,728	
3.6	Exhasut Fitting for 5" dia pipe	All bracket , support must be made with MS angle 50X50X 4, 5 & 6 MM		CLIENT	Meter	9	733		
3.7	Exhasut Fitting for 1nos. silencer box	All bracket , support must be made with MS angle 50X50X 4, 5 & 6 MM		CLIENT	Job	1	2,983		
4	Cooling System:								
4.1	Radiator Ducting	As per layout with 22 SWG MS sheet,Angle bar, flat bar support,Canvas cloth etc. WXD-4'X2'; RFT-6'			Sq-ft	72	269	19,339	Canopy Hot air top exit
5	Commissioning Material:								
5.1	Radiator coolant	Havoline Premix Coolent			Liter	30	170	5,100	
5.2	Lube oil	SAE 15 W 40			Liter	41	430	17,630	
5.3	Battery electrolyte	Specific gravity 1.250			Liter	20	100	2,000	
5.4	Fuel	Diesel For Test Run		Client	Liter	N/A	-	-	
6	DG On site delivery:								
6.1	Loading /Unloading/Lifting	Generator dry weight-4200 Kg		CWPL	Job	1	-	-	
7	Civil Work								
7.2	DG Foundation	DG CC foundation WXLXH-16.5'X6'X3"		Client	Job	1	-	-	
Total Tk. (Excluding VAT & AIT)								87,176	
Note:									
-- All necessary civil work will done by client as per CWPL engineer instruction									

For Masud Centre
19 Chair - E-Newar Avenue

72A
28/10/21

Jewel Rana
Asst. Manager-Maintenance
Masud Steel Design BD. Ltd.
Joydebpur, Gazipur.

Green
28-10-21

Md. Mahedi Hasan
Project Engineer
Masud Steel Design BD. Ltd.
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28/10/21

Engr. M A Zabbar Khan
Executive Director
Masud Steel Design BD. Ltd.

28/10/2021

Shah Mohammad Abdullah
Director
Masud Group of Industries