

CROSS WORLD POWER LIMITED
BOQ OF 1X400kVA GENERATOR INSTALLATION

Client Name: Moonstone Properties & Holdings Ltd Address :Plot#28,Road# 38 Gulshan-2,Dhaka
Gen Model: Engine Model :

Date: 04.09.19
Alternator Model :

Sl No	Job Description	Tehcnical Details/ Brand	Scope Of Supply	Unit	Quantity	Unit Rate	Total Rate	Remarks
1	Electrical System							
1.1	Generator Power Cable (35 °C in underground)	4x2x1C -185mm2 NYY DG to ATS. 4x2x1C - 185 mm2 NYY ATS to LT. 4x2x1C - 185 mm2 NYY ATS to Mains.	Client Client Client	Meter	88 24 24		- - -	
1.2	Control cable for sensing	4 X 1.2 rm (40/0.19 mm)Flexible Cable	Client	Meter	23		-	
1.3	PVC Flexible pipe for control cable	3/4" inner dia	Client	Meter	3		-	
1.4	Cable Tie	L - 12"	Client	Pack	3		-	
1.5	Cable Laying Charge	1C-185 mm2 NYY Power Cable	CWPL	Meter	136		-	Earth cutting required
1.6	Cable Lugs	185 rm , Material -Copper , Surface-Electro Tinned	Client	Pcs	52		-	
1.7	Royal Bolts	10 no.	Client	Pcs	10		-	
1.8	PIB Tape		Client	Pcs	4		-	
1.9	PVC Tape	Adhesive Tape 04 color (Red/ Yellow/ Black/ Blue)	Client	Pcs	16		-	
1.10	UPVC Pipe	5" inner dia	Client	Meter	8		-	
2	Generator Earthing							
2.1	Earthing Boring	100 rft	Client	Job	2		-	
2.2	Earthing Copper Lead	2 SWG	Client	Meter	60		-	
2.3	GI Pipe	38mm dia GI pipe	Client	Meter	14		-	
2.4	Earthing Copper Lead termination	2 SWG	Client	Meter	6		-	
2.5	PVC Flexible pipe for earthing	3/4" inner dia	Client	Meter	6		-	
2.6	Earhting Block	Dimension LXWXD - 300mm X 50mm X 10mm with connection facility	Client	Pcs	1		-	
2.7	Earthing Cable	1 X 70 mm2 BYA (Green) from Earthing Copper bar to gen & equipment.	Client	Meter	6		-	
2.8	Earthing Cable lugs	70 rm Material -Copper , Surface-Electro Tinned	Client	Pcs	4		-	
3	Exhaust System							
3.1	Exhaust Silencer straight Pipe	MS Pipe bore 152 mm , thickness 3-4mm	CWPL	Meter	2	4,100	8,200	
3.2	Exhaust Bends/Elbow	Long radius 90 deg L bow dia 152 mm Bore	CWPL	Pcs	3	1,447	4,341	
3.3	Exhaust Flange	Welding neck flange 152 mm Bore	CWPL	Pcs	3	855	2,565	
3.4	Exhaust Fitting with Silencer box	All bracket , support must be made with MS angle 50X50X 4, 5 & 6 MM	CWPL	Job	1	8,963	8,963	
3.5	Exhaust Heat Insulation with silencer box	Insulation Of Pipe with Rockwool (50mm min thickness) along with 26 SWG Aluminium sheet clading.	CWPL	Job	1	12,026	12,026	
4	Cooling Systems							
4.1	Radiator Hot Air Ducting	WXH- 5'X4'; rft=-'; Made With 22 SWG MS sheet,Angle bar, flat bar support,Canvas cloth, Iron mesh etc.		Sq-ft (Approx.)	N/A		-	
5	Commissioning Material							
5.1	Radiator premixed coolant	Havoline Premix Coolant	CWPL	Liter	50	160	8,000	
5.2	Lube oil	SAE 15 W 40	CWPL	Liter	40	420	16,800	
5.3	Battery electrolyte	Specific gravity 1250	CWPL	Liter	20	90	1,800	
6	DG On site delivery							
6.1	Loading /Unloading/Lifting	Generator dry weight- 4700Kg	CWPL	Job	1			
7	Civil Works							
7.1	Generator Foundation	Base dimension (LXW)ft-16'8"X6'2".ft, D-6" RCC with NCF.	Client	Job	1		-	
Total Tk --(Excluding VAT & AIT)							62,695	

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

Approved: 60,000/-
After Ins'n - 10K
Advance - 50K

UCB



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United Commercial Bank Limited

Payable at any Branch in Bangladesh

CD No. 1131536

Date:

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D D M M Y Y Y

Pay To

CROSS World Power Ltd.

The Sum of Taka

Fifty Thousand Only.

Or Bearer

Tk. 50,000/-

MOONSTONE PROPERTIES & HOLDINGS LTD.
1042301000000019

Director
Moonstone Properties & Holdings Ltd.

Please Sign Above This Line

Vice Chairman
Moonstone Properties & Holdings Ltd.

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