

CROSS WORLD POWER LIMITED

BOQ OF 1X60kVA GENERATOR

Cross-world



CLIENT - J & H Holding Ltd

ADDRESS- Bashundhara R/A, Dhaka.

DATE- 29/10/2020

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-35 rm NYY DG To ATS 4C-35 rm NYY Mains To ATS 4C-35 rm NYY ATS to Load		Meter	6 9 N/A		- - -	
1.2	Power Cable Lugs	35 rm , Material -Copper , Surface-Electro Tinned		Pcs	18		-	
1.3	Control cable For Sensing	4 X 1.2 rm (40/0.19 mm)Flexible Cable (2XDG to ATS)		Meter	14		-	
1.4	PVC Flexible pipe	3" dia		Meter	16		-	
1.5	Saddle for flexible pipe	3.5" dia local		pcs	16		-	
1.6	Royal Plug & Screw	1.5"		Pack	2		-	
1.7	PVC Tape	Adhesive Tape 04 color (Red/Yellow/Black/Blue)		Pcs	4		-	
1.8	Royal Bolt	10 no.		Pcs	10		-	
1.9	Cable Tie	L - 8"		Pack	1		-	
1.10	Power Cable Laying	4C-35rm NYY power cable		Meter	15		-	
1.11	100 A TP MCCB	For mains out ; Brand- Schneider		Nos	1		-	
2	Generator Earthing :							
2.1	Earthing Boring	100 rft		Job	N/A			
2.2	Earthing Copper Lead	2 SWG		Meter	N/A			
2.3	GI Pipe (Boring)	38mm dia 120		Meter	N/A			
2.4	Earthing Block	Dimension LXWXD - 200mm X 30mm X 4mm with connection facility		Pc	1		-	
2.5	Earthing Cable	1 X 16 rm BYA (Green) from Earthing Copper bar to gen & equipment		Meter	10		-	
2.6	Earthing Cable lugs	16 rm Material -Copper , Surface-Electro Tinned		Pcs	8		-	
3	Exhaust System:							
3.1	Exhaust Silencer straight Pipe	MS Pipe bore 3" ,thickness 3-4mm		Meter	4	1726	6,904	
3.2	Exhaust Bends /Elbow	Long radius 90 deg L bow 3"		Pcs	2	724	1,448	
3.3	Exhaust Socket	Threaded 3"dia MS Socket		Pcs	2	592	1,184	
3.4	Exhaust Heat Insulation with silencer box	Insulation Of Pipe with Glasswool (25.4mm min thickness) along with 26SWG Aluminium sheet clading.		Job	1	4046	4,046	
3.6	Exhaust Fitting with silencer box	All bracket , support must be made with MS angle 50X50X 4, 5 & 6 MM		Job	1	3044	3,044	
4	Cooling System:							
4.1	Radiator Ducting	As per layout with 22 SWG MS sheet,Angle bar, flat bar support,Canvas cloth etc WXH=3'X2.3' L=5'		Sq-ft	50		-	NOT REQUIRED.
5	Commissioning Material:							
5.1	Radiator coolant	Havoline premix coolant		Liter	15		-	
5.2	Lube oil	SAE 15 W 40		Liter	10		-	
5.3	Battery electrolyte	Specific gravity 1250		Liter	10		-	
6	DG On site delivery:							
6.1	Loading /Unloading/Lifting	Generator dry weight-2200 Kg	CWPL	Job	N/A			
7	Civil work							
7.1	Required DG base	Base dimension LXW(ft)=9'4"x4'4", Depth, D- 5" RCC with NCF.	CLIENT	job	1			
TOTAL TK.(Excluding VAT & AIT)							16,626	

NOTES: All the necessary civil works and Diesel Fuel will be arranged by client with CWPL engineer instruction.

• Payment : After Completion .

[Signature]
9/11/20