

Client: Mr. Lt. Col. Md. Shah Jahan (Retd.)

CROSS WORLD POWER LIMITED
BOQ OF 1X60kVA GENERATOR



Particular Properties		ADDRESS: Mirpur DOHS mirpur, DOHS		DATE- 09/05/2021					
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-25 rm NYY DG To ATS	Client	Meter	N/A	-	-	-	Client already arranged
		4C-25 rm NYY MAINS to ATS				-	-	-	
		4C-25 rm rm NYY ATS to LOAD				-	-	-	
						-	-	-	
1.10	Power Cable Laying	4C-25rm NYY power cable			Meter	0	62	-	
1.2	Power Cable Lugs	25 rm , Material -Copper , Surface-Electro Tinned			Pcs	26	25	657	
1.3	Control cable For Sensing	4 X 1.2 rm (40/0.19 mm)Flexible Cable (2XDG to ATS)			Meter	15	95	1,444	
1.4	PVC Flexible pipe	2.5" dia			Meter	15	249	3,742	
1.5	Saddle for flexible pipe	2.5" dia local			pcs	20	17	337	
1.6	Royal Plug & Screw	1.5"			Pack	2	180	360	
1.7	PVC Tape	Adhesive Tape 04 color (Red/Yellow/Black/Blue)			Pcs	8	31	244	
1.8	Royal Bolt	10 no.			Pcs	10	19	189	
1.9	Cable Tie	L - 8"			Pack	3	145	436	
2	Generator Earthing :						-	-	
2.1	Earthing Boring	120 rft		Client	Job	1	-	-	Already done by client
2.2	Earthing Copper Lead	2 SWG			Meter	37	-	-	
2.3	GI Pipe (Boring)	38mm dia			Meter	7	-	-	
2.5	Earthing Cable	1 X 16 rm BYA (Green) from Earthing Copper bar to gen & equipment			Meter	15	223	3,394	
2.4	Earhting Block	Dimension LXWXD - 200mm X 30mm X 4mm with connection facility			Pc	1	2,078	2,078	
2.6	Earthing Cable lugs	16 rm Material -Copper , Surface-Electro Tinned			Pcs	4	12	46	
2.6	Line tape	For earthing lead joint			Pcs	2	15	30	
3	Exhaust System:						-	-	
3.1	Exhaust Silencer straight Pipe	MS Pipe bore 3" ,thickness 3-4mm			Meter	3			
3.2	Exhaust Bends /Elbow	Long radius 90 deg L bow 3"			Pcs	1			
3.3	Exhaust Socket	Threaded 3" dia MS Socket			Pcs	1			
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			
3.6	Exhaust Fitting with silencer box	All bracket , support must be made with MS angle 50X50X 4, 5 & 6 MM			Job	1			
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' L=8'			Sq-ft	108		-	Hot air TOP Exit
5	Commissioning Material:						-	-	
5.1	Radiator coolant	Havoline premix coolant			Liter	15	168	2,526	
5.2	Lube oil	SAE 15 W 40			Liter	10	421	4,211	
5.3	Battery electrolyte	Specific gravity 1250			Liter	10	95	947	
6	DG On site delivery:						-	-	
6.1	Loading /Unloading/Lifting	Generator dry weight-2200 Kg		CWPL	Job	N/A	-	-	Already done
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	-	-	
7.2	Open DG need to rotate	Open DG need to rotate 90 deg for site requirement			Job	1			
7.3	Brick Wall Punch for reditaor duct	As per site requirement		Client	Job	1	-	-	
TOTAL TK.(Excluding VAT & AIT)								20,642	
NOTES: All the necessary civil works and Diesel Fuel will be arranged by client with CWPL engineer instruction.									

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20,000.00

Note: Client will pay it after commissioning.

Amirul
11/5/21

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