

CROSS WORLD POWER LIMITED
BOQ OF 1x42.5kVA GENERATOR

CLIENT - Mohammad Rofiqul Hasan & Gong

ADDRESS- Aftabnagar, Dhaka

DATE: 05.07.2020

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)	4C-25rm NYY DG To ATS		Meter	5	1,193	6,549	
		4C-25rm NYY MAINS To ATS			7	1,193	8,005	
		4C-25rm NYY ATS To LOAD			7	1,193	8,005	
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 (2XDG to ATS)		Meter	12	87	1,044	
1.4	PVC Flexible pipe	1.5" inner Ø		Meter	19	39	741	
1.5	Saddle for Flexible pipe	1.5" Ø Local		Pcs	20	5	100	
1.6	Royal Plug & Screw	1.5"		Pack	1	171	171	
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	1	138	138	
1.10	Power cable laying	4C-25rm NYY cable laying, connection & termination		Meter	19	70	1,323	
2	Generator Earthing :					-	-	
2.1	Earthing Boring	80 rft		Job	N/A	0	0	Existing system
2.2	Earthing Copper Lead	2 SWG		Meter	N/A	0	0	
2.3	GI Pipe (Boring)	38mm dia		Meter	N/A	0	0	
2.4	Earhting Block	Dimension LXWXD - 200mm X 30mm X 4mm with connection facility		Pc	1	1974	1974	
2.5	Earthing Cable	1 X 10 rm BYA (Green) from Earthing Copper bar to gen & equipment		Meter	6	101	615	
2.6	Earthing Cable lugs	10 rm Material -Copper , Surface-Electro Tinned		Pcs	5	8	40	
3	Exhaust System:							
3.1	Exhaust Silencer straight Pipe	MS Pipe bore 3" , thickness 3mm		Meter	5	1,726	8,630	
3.2	Exhaust Bends /Elbow	Long radius 90 deg L bow 3" Dia		Pcs	2	724	1,448	
3.3	MS Socket	3" dia socket		Pcs	1	592	592	
3.4	Exhaust Heat Insulation	Insulation Of Pipe with Glasswool (25.4mm thickness) along with 26SWG Aluminium sheet clading.		Job	1	4,564	4,564	
3.5	Exhaust Fitting	All bracket , support must be made with MS angle 50X50X 4, 5 & 6 MM		Job	1	3,476	3,476	
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 1.5', L-5' (Approx.)		Sq-ft	35	237	8,295	Canopy hot air need to top exit
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	420	4,200	
5.3	Battery electrolyte	Specific gravity 1250		Liter	10	90	900	
6	DG On site delivery:							
6.1	Loading /Unloading/Lifting	Generator dry weight-2000Kg	CWPL	Job	1	-	-	
7	Civil work							
7.1	Required DG base	Base dimension LXW(ft)=9'6"x4.5', Depth, D- 4" RCC with NCF.	CLIENT	job	1	-	-	Already done by client
TOTAL TK.(Excluding VAT & AIT)							63,290	
Discount							3,290	
TOTAL TK.(Excluding VAT & AIT)							60,000	

Notes:

Payment: 100% Advance (Paid)
21.07.2020

H. S. H.
21.07.2020