

CROSS WORLD POWER LIMITED
BOQ OF 60 KVA GENERATOR

CLIENT - HASAN BUILDERS <i>Mr. No 2 mul Hasan Pakki.</i>		ADDRESS- COMILLA		DATE- 23/07/17			
GEN MODEL-		ENGINE MODEL-		ALTERNATOR MODEL-			
ELECTRICAL INSTALLATIONS							
SL NO	JOB DESCRIPTION	TECHNICAL DETAILS/ BRAND	UOM	QTY	UNIT RATE	TOTAL RATE	REMARKS
01	Electrical System:						
1.1	Power Cable for DG (35 °C Ambient on air)	4C- 25 rm NYY DG To ATS	Meter	9	1,430	12,870	CLIENT SCOPE
		4C- 25 rm NYY MAINS To ATS	Meter	N/A			
		4C- 25 rm NYY ATS To LOAD	Meter	N/A			
1.2	Power Cable Lugs	25 rm, Material -Copper , Surface-Electro Tinned	Pcs.	8	65	520	
1.3	Control cable For Sensing	4 X 1.2 rm (40/0.19 mm) Flexible Cable	Meter	20	110	2,200	
1.4	PVC Flexible pipe	2" inner Ø	Meter	8	225	1,800	
1.5	Saddle for Flexible Pipe	2"	Pcs	8	20	160	
1.6	Royal Plug & Screw	10 no & 1" Star	Pack	2	145	290	
1.7	Royal Bolt	10 no.	Pcs	10	35	350	
1.8	PVC Tape	Adhesive Tape 04 color (R/Y/B/Black)	Pcs	4	40	160	
1.9	Cable Tie	L - 10"	Pack	1	250	250	
02	Generator Earthing :						
2.1	Earthing Boring	Earthing of electrical installation with 37 mm (1.5") dia G.I. pipe (earth electrode) having 6.35 mm dia holes across the dia at 305 mm interval securedly bonded with washer, nuts, bolts etc. sunk upto a depth of 100 ft to attain earth resssistance <1 ohm including blind socket for water pouring facility.	Job	N/A			EARTHING DONE BY CLIENT. COPPER LEAD WILL DIRECTLY ATTACHED TO DG
2.2	Earthing Copper Lead	Installation of solid copper wire earthing lead 2 SWG in 37 mm dia GI pipe & termination of connection at both end .	Meter (Appx)	N/A			
2.3	Earhting Block / Equipotential bar	LXWXD- 300mm X 20mm X 5mm with connection facility	Pc	N/A			
2.4	Earthing Cable	1 X 16 rm BYA (Green) from Earthing Copper bar to gen & equipment	Meter (Appx)	N/A			
2.5	Earthing Cable lugs	25 rm Material -Copper , Surface-Electro Tinned	Pcs	4	65	260	
3	Exhaust System:						
3.1	Exhaust Silencer straight Pipe	MS Pipe bore 75mm, thickness 3-4mm	Feet(Appx)	10	625	6,250	
3.2	Exhaust Bends /Elbow	Long radius 90 deg L bow 75mm bore	Pcs	2	625	1,250	
3.3	Exhaust Socket	MS Socket 75mm inner dia	Pcs	1	450	450	
3.4	Exhaust Heat Insulation	Insulation with Rockwool/ Glasswool (25mm) and 26 SWG aluminium sheet clading	Job	1	4,500	4,500	
3.5	Exhasut Fitting	With MS angle 37X37X5 mm, flat bar, nut bolt, Royal Bolt etc.	Job	1	4,250	4,250	
4	Cooling System:						
4.1	Radiator Ducting for Hot Air		Sq-ft	N/A			
	Commissioning Material:						
5.1	Radiator coolant & DM Water Mix	Havoline Premixed Coolant	Liter	10	200	2,000	
5.2	Lube oil	SAE 15 W 40	Liter	10	420	4,200	
5.3	Battery electrolyte	Specific gravity 1250	Liter	10	65	650	
6	DG Foundation	Existing base dim LxWxD- 8'-0" x 4'-0" x 0'-3" ; need to modify dim to LxWxD- 9'-0" x 4'-6" x 0'-3"	Job	1			Client Scope
Total (BDT) Excl VAT & AIT:						42,410	

Note: Payment received. 100% "

Discounted Price : BDT 35,000.00

Amrisha
26/9/17.
26/9/2017