

CROSS WORLD POWER LIMITED
BOQ OF 60kVA GENERATOR

CLIENT - SK Chowdhury Palace		ADDRESS- Comilla		DATE- 04.04.18					
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)	1C 25rm NYY DG To ATS 1C 25rm NYY MAINS To ATS 1C 25rm NYY ATS To LOAD			Meter	20 40 40		- - -	Inos 5" Brick Wall Punch Require.
		Wall punch			Job	1		-	
1.2	Power Cable Lugs	25 rm Material -Copper , Surface-Electro Tinned			Pcs	26	24	624	
1.3	Control cable For Sensing	4 X 1.2 rm (40/0.19 mm)Flexible Cable			Meter	13		-	
1.4	PVC Flexible pipe	2" DIA			Meter	24	8	192	
1.5	Saddle for Cable Clamp	2" dia			Pcs	10	7	71	
1.6	Royal Plug&Screw	1.5" length"			Pack	2	177	354	
1.7	PVC Tape	Adhesive Tape 04 color (Red/Yellow/Black/Blue)			Pcs	4	40	160	
1.8	Royal Bolt	10 no.			Pcs	10	30	300	
1.9	Cable Tie	L - 8"/10"			Pack	2	166	332	
2	Generator Earthing :								
2.1	Earthing Boring	Earthing of electrical installation with 25.4 mm (1") dia G.I. pipe throughly (2swg earth electrode) having 6.35 mm dia holes across dia at 305 mm interval securedly bonded with washer, nuts, bolts etc. sunk upto a depth of 100 ft with GIP pipe to attain earth resistance <1 ohm including blind socket for water pouring facility.			Job	N/A	-	-	EARTHING SYSTEM ALREADY DONE
2.2	Earthing Copper Lead	Installation of solid cooper wire earthing lead 2 SWG in 25.4 mm dia GI pipe & termination of connection at both end .			Meter	N/A	-	-	
2.3	Earhting Block	Dimension LXWxD - 250mm X 20mm X 3mm with connection facility			Pc	1	2,500	2,500	
2.4	Earthing Cable	1 X 16 rm BYA (Green) from Earthing Copper bar to gen & equipment & ATS			Meter	10	165	1,646.25	
2.5	Earthing Cable Lugs	16 rm Material -Copper , Surface-Electro Tinned (For Earthing Cable)			Pc	6	14	84	
2	Exhaust System:								
2.1	Exhaust Silencer straight Pipe	MS Pipe bore 4", thickness 3-4mm MS Pipe bore 5", thickness 3-4mm			Feet(Approx) Feet(Approx)	30 20	545 1,157	16,350 23,140	
2.2	Exhaust Bends /Elbow	Long radius 90 deg L bow 4" bore Long radius 90 deg L bow 5" bore			Pcs	2 1	797 1,232	1,594 1,232	
2.3	Exhaust Flange	Welding neck flange 4" dia Welding neck flange 5" dia			Pcs	4 2	580 797	2,320 1,594	** EXHAUST PIPE & HOT AIR DUCT WILL EXTEND EAST SIDE BOUNDARY WALL.
2.4	Exhaust Heat Insulation	Insulation Of Pipe with Glasswool (25.4mm min thickness) along with 26SWG Aluminium sheet clading.			Job	1	9,423	9,423	** QUANTITY MAY VARY DEPEND ON LAYING ROUTE.
2.5	Exhaust Fitting	All bracket , support must be made with MS angle 50X50X 4, MM			Job	1	7,239	7,239	
2.6	Exhaust Pipe Converter	4" to 5"			Pcs	1	2,643	2,642.86	
3	Cooling System:								
3.1	Radiator Ducting	As per layout with 20/22 SWG MS sheet,Angle bar, flat bar support,Canvas cloth, iron mesh etc			Sq-ft	N/A	-	-	
4	Commissioning Material:								
4.1	Radiator Coolant	Havoline Premix Coolant			Liter	10	200	2,000	
4.2	Lube oil	SAE 15 W 40			Liter	10	436	4,360	
4.3	Battery electrolyte	Specific gravity 1.250			Liter	10	62	620	
					Total TK (Excl VAT & AIT)			78,779	
NOTE: ALL NCFESSAY CIVIL WORK WILL DONE BY CLIENT									

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* Payment: 100% before delivery.
 (already paid @ 05/05/18)

75000/-
 Seventy five thousand taka only
 Discount 3779/-
 05/05/18
 05/05/2018