

CROSS WORLD POWER LIMITED
BOQ OF 45 KVA GENERATOR

CLIENT - SHAHID TOWER		ADDRESS- COMILLA		DATE- 14-02-18				
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)	4C 16rm NYY DG To ATS		Meter	6	860	5159	
		4C 16rm NYY MAINS To ATS			13	860	11178	
		4C 16rm NYY ATS To LOAD			17	860	14617	
1.2	Power Cable Lugs	16rm , Material -Copper , Surface-Electro Tinned		Pcs	26	14	364	
1.3	Control cable For Sensing	4 X 1.2 rm (40/0.19 mm)Flexible Cable		Meter	15	95	1425	
1.6	PVC Flexible pipe	1.5"Ø		Meter	36	67	2412	
1.7	Saddle for Flexible pipe	1.5" Ø Local		Pcs	70	7	490	
1.8	Royal Plug & Screw	1.5" length		Pack	4	177	708	
1.9	PVC Tape	Adhesive Tape 04 color (Red/Yellow/Black/Blue)		Pcs	4	50	200	
1.10	Royal Bolt	10 no.		Pcs	10	30	300	
1.11	Cable Tie	L - 6"/8 "		Pack	1	166	166	
2	Earthing System						0	
2.1	Earthing Boring	Earthing of electrical installation to attain earth resistance <1 ohm		Meter	31		0	
2.2	GI Pipe (Boring)	38.1mm Dia G.I. Pipe with accessories		Meter	7		0	
2.3	Earthing Copper Lead	Installation of solid cooper wire earthing lead 2SWG in 38.1 mm dia GI pipe & termination of connection at both end		Meter	34		0	
2.4	Earthing Block	Dimension LXWXD - 250mm X 20mm X 3mm with connection facility		Nos.	1	2,466	2466	
2.5	Earthing Cable	1 X 10 rm BYA (Green) from Earthing Copper bar to gen & equipment		Meter	7	109	763	
2.6	Earth cable lugs	10 rm Material -Copper , Surface-Electro Tinned		Nos.	4	10	40	
3	Exhaust System:						0	
3.1	Exhaust Silencer straight Pipe	MS Pipe bore 2" ,thickness 3-4mm		Feet(Approx)	5	410	2050	
3.2	Exhaust Bends /Elbow	Long radius 90 deg L bow 2" DIA		Pcs	1	476	476	
3.3	Exhaust Socket	Threaded 2"dia MS Socket		Pcs	1	340	340	
3.4	Exhaust Heat Insulation	Insulation Of Pipe with Rockwool/Glasswool (25.4mm min thickness) along with 26SWG Aluminium sheet clading.		Job	1	2,055	2055	
3.5	Exhasut Fitting	All bracket , support must be made with MS angle 50X50X 4, 5 & 6 MM		Job	1	2,877	2877	
4	Cooling System:						0	
4.1	Radiator Ducting	As per layout with 20/22 SWG MS sheet,Angle bar, flat bar support,Canvas cloth, Iron mesh etc		Sq-ft	35	452	15822	SOUTH SIDE 5" BRICK WALL PUNCH REQUIRE PUNCH DIM WXH- 3FT X 1.5FT
5	Commissioning Material:						0	
5.1	Radiator coolant	Havoline Premix Coolent		Liter	10	200	2000	
5.2	Lube oil	SAE 15 W 40		Liter	10	436	4360	
5.3	Battery electrolyte	Specific gravity 1.250		Liter	10	62	620	
6	DG On site delivery:						0	
6.1	Loading /Unloading/Lifting	Generator dry weight-1500 Kg		Job	1		0	Free Of Cost
Total TK (Excl VAT & AIT)							70,886.80	

Payment 200% Advance

586.80
70000

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