

CROSS WORLD POWER LIMITED
BOQ OF 1X45 KVA GENERATOR

CLIENT - Dr.Joseph Memorial Medical
 College & Hospital

ADDRESS- Matikata,Mirpur

DATE- 08-04-19

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)	4CX16 rm NYY DG To ATS 4CX 16 rm NYY Mains To ATS 4CX 16 rm rm NYY ATS to Load		Meter	8 5 5	712 712 712	5696 3560 3560	
1.2	Power Cable Lugs	16 rm , Material -Copper , Surface -Electro Tinned		Pcs	26	11	286	
1.3	Control cable For Sensing	4 X 1.2 rm (40/0.19 mm)Flexible Cable		Meter	15	87	1305	
1.4	PVC Flexible Pipe	1.5" dia		Meter	18	39	702	
1.5	Saddle for flexible pipe	1.5" dia local		pcs	30	5	150	
1.6	Royal Plug & Screw	10 no. 1.5" length		Pack	1	171	171	
1.7	PVC Tape	Adhesive Tape 04 color (Red/Yellow/Black/Blue)		Pcs	4	29	116	
1.8	Royal Bolt	10 no.		Pcs	10	18	180	
1.9	Cable Tie	L - 8"		Pack	2	138	276	
1.10	Power Cable Laying	4CX16 rm NYY Cable		Meter	18	59	1062	
2	Generator Earthing :							
2.1	Earthing Boring	100 rft		Job				
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 .	CLIENT	Meter				ALREADY DONE
2.3	Earthing Block	Dimension LXWXD - 200mm X 30mm X 5mm with connection facility		Pc	1	2105	2105	
2.4	Earthing Cable	1 X 16 rm BYA (Green) from Earthing Copper bar to gen & equipment		Meter	5	145	725	
2.5	Earthing Cable lugs	16 rm Material -Copper , Surface -Electro Tinned		Pcs	4	11	44	
3	Exhaust System:							
3.1	Exhaust Silencer straight Pipe	MS Pipe bore 3" ,thickness 3-4mm		Meter	3	1726	5178	
3.2	Exhaust Bends /Elbow	Long radius 90 deg L bow 3"		Pcs	2	724	1448	
3.3	Exhaust Heat Insulation	Insulation Of Pipe with Glasswool (25.4mm min thickness) along with 26SWG Aluminium sheet clading.		Job	1	1554	1554	
3.4	Exhasut Fitting	All bracket , support must be made with MS angle 50X50X 4, 5 & 6 MM		Job	1	1296	1296	
04	Cooling System:							
4.1	Radiator Ducting	As per layout with 22 SWG MS sheet,Angle bar, flat bar support,Canvas cloth etc WXH=2.5'X2' rft=		Sq-ft	N/A			
5	Commissioning Material:							
5.1	Radiator coolant	Havoline Premix Coolent		Liter	10	160	1600	
5.2	Lube oil	SAE 15 W 40		Liter	10	420	4200	
5.3	Battery electrolyte	Specific gravity 1250		Liter	10	90	900	
06	DG On site delivery:							
6.1	Loading /Unloading/Lifting	Generator dry weight-1500 Kg	CWPL	Job	1			
7	CIVIL WORK							
7.1	Required DG base	SIZE,LXWXD(INCH)=9'4"X4'X5"	CLIENT	JOB	1	N/A		
TOTAL TK(Excluding VAT & AIT)							36114	

100% before delivery

30,000/-

Rashidul
16/04/19

Rashidul
16/04/19