

CROSS WORLD POWER LIMITED

BOQ OF 1X150 KVA GENERATOR

CLIENT - SQ SERVICE LTD			ADDRESS- SYLHET		DATE- 27-12-18		
GEN MODEL-		ENGINE MODEL-		ALTERNATOR MODEL-			
SL NO	JOB DESCRIPTION	TECHNICAL DETAILS/ BRAND	SCOPE OF SUPPLY	UOM	QTY	TOTAL RATE	REMARKS
1	Electrical System:						ALREADY DONE BY CLIENT
1.1	Power Cable (35 °C Ambient on air)	4X1C 95 mm NYY DG To ATS1 & ATS2	CLIENT	Meter	N/A		
		4X1C 95 mm NYY Mains To ATS1 & ATS2			N/A		
		4X1C 95 mm rm NYY ATS1 & ATS2 to Load			N/A		
1.2	Power Cable Lugs	95 mm , Material -Copper , Surface-Electro Tinned		Pcs	54	3186	
1.3	Control cable For Sensing	4 X 1.2 mm (40/0.19 mm)Flexible Cable	CLIENT	Meter	N/A		
1.5	PVC Flexible Pipe	2" dia		Meter			
1.6	Saddle for flexible pipe	2" dia local		pcs			
1.7	Royal Plug & Screw	2" length		Pack			
1.8	PIB Tape			Pcs	1	461	
1.8	PVC Tape	Adhesive Tape 04 color (Red/Yellow/Black/Blue)		Pcs	4	116	
1.9	Royal Bolt	10 no.		Pcs	14	252	
1.1	Cable Tie	L - 8"		Pack			
1.11	Power Cable Laying	Power Cable Laying exicution work through wall & tase ceiling by CWPL	CLIENT	Meter			
2	Generator Earthing :						
2.1	Earthing Boring	100rft	CLIENT	Job			
2.2	Earthing Copper Lead	2 SWG		Meter			
2.3	Earhting Block	Dimension LXWXD - 250mm X 40mm X 5mm with connection facility		Pc	1	2368	
2.4	Earthing Cable	1 X 16 mm BYA (Green) from Earthing Copper bar to gen & equipment	CLIENT	Meter			
2.5	Earthing Cable lugs	16 mm Material -Copper , Surface-Electro Tinned		Pcs	4	44	
3	Exhaust System:						
3.1	Exhaust Silencer straight Pipe	MS Pipe bore 4" ,thickness 3-4mm		Meter	10	19420	
3.2	Exhaust Silencer straight Pipe	MS Pipe bore 5" ,thickness 3-4mm			5	18342	
3.2	Exhaust Bends /Elbow	Exhaust Bends /Elbow 4"		Pcs	2	1710	
	Exhaust Bends /Elbow	Exhaust Bends /Elbow 5"			2	2500	
3.3	Exhust Flange	Threaded 4"dia MS Socket		Pcs	6	2766	
	Exhust Flange	Threaded 5"dia MS Socket			2	1184	
3.4	Exhaust Heat Insulation with Silencer Box	Insulation Of Pipe with Glasswool (25.4mm min thickness) along with 26SWG Aluminium sheet cladding.		Job	1	12337	
3.5	Exhasut Fitting with Silencer Box	All bracket , support must be made with MS angle 95X95X 4, 5 & 6 MM		Job	1	9744	
04	Cooling System:						
4.1	Radiator Ducting	As per layout with 22 SWG MS sheet,Angle bar, flat bar support,Canvas cloth etc WXH=3'X2.5' rft=0		Sq-ft	N/A		
5	Commissioning Material:						
5.1	Radiator coolant	Havoline Premix Coolent		Liter	20	3200	
5.3	Lube oil	SAE 15 W 40		Liter	15	6300	
5.4	Battery electrolyte	Specific gravity 1250		Liter	10	900	
5.5	Diesel			Liter	100	7500	
06	DG On site delivery:						
6.1	Loading /Unloading/Lifting	Generator dry weight-2600 Kg	CWPL	Job	1		
TOTAL TK.(Excluding VAT & AIT)						92330	

100% Payment After Installation
 28/12/2018