

CROSS WORLD POWER LIMITED								
BOQ OF 300kVA (Tempest) & 220kVA (FG) GENERATOR								
CLIENT - COLOASIA			ADDRESS- GULSHAN		DATE- 24.07.17			
SL NO	JOB DESCRIPTION	TECHNICAL DETAILS/ BRAND	SCOPE OF SUPPLY	UOM	QTY	Unit Sale	Total Sale	REMARKS
1	Electrical System:							
1.1	Power Cable (35 °C Ambient on air)	8X1C 95 rm NYY DG-1 (300kVA) To SYNC+ATS 4X1C 120 rm NYY DG-2 (220kVA) To SYNC+ATS	CLIENT	Meter	136			
					N/A			
1.2	Power Cable Lugs	95 rm Material -Copper , Surface-Electro Tinned		Pcs	18	54	972	
1.3	Control cable For Sensing	120 rm Material -Copper , Surface-Electro Tinned		Meter	85	67	5,714	
1.4	Communication Shield Cable	4 X 1.2 rm (40/0.19 mm)Flexible Cable		Meter	N/A	197		
1.5	PVC Flexible pipe	2X1.2 rm Shield Cable		Meter	43	28	1,185	
1.6	PVC Tape	1"Ø		Pcs	8	25	202	
1.7	PIB Tape	Adhesive Tape 04 color (Red/Yellow/Black/Blue)		Pcs	6	420	2,521	
1.8	Royal Bolt	10 no.		Pcs	10	17	168	
1.9	Cable Tie	L - 8"/10"		Pack	4	144	576	
1.1	Cable Ladder	Ladder Dim W X D - 200mm X 50mm; L- 10000 mm, Capsule type made with GALVANIZED SHEET with cover plate at top and painting, Thickness 4mm. Support with threaded stick MS/GI rod, lock nut bolt and washer.	CLIENT	Meter	6	-	-	
1.11	Power Cable Laying	95rm & 120rm Power Cable and 35rm Earthing Cable laying excution work by CWPL		Meter	136	66	8,980	
2	Generator Earthing :							
2.1	Earhting Equipotential Bar	Dimension LXWDXD - 250mm X 30mm X 10mm with connection facility	CLIENT	Pc	3	-	-	
2.2	Earthing Cable	1 X 35rm 8YA (Green) from Earthing Copper bar to gen & equipment		Meter	10	-	-	
2.3	Earthing Cable lugs	35rm Material -Copper , Surface-Electro Tinned		Pcs	6	-	-	
3	Exhaust System:							
3.1	Exhaust Silencer straight Pipe (DG-1)	MS Pipe bore 6", thickness 3-4mm		Feet(Appro	14	1,080	15,126	
		MS Pipe bore 8", thickness 3-4mm		x)	25	1,261	31,513	
3.1	Exhaust Silencer straight Pipe (DG-2)	MS Pipe bore 4", thickness 3-4mm		Feet(Appro	N/A			
		MS Pipe bore 5", thickness 3-4mm		x)				
3.2	Exhaust Bends /Elbow with Flange (DG-1)	Long radius 90 deg L bow 6" bore		Pcs	4	1,861	7,443	
		Long radius 90 deg L bow 8" bore			1	2,821	2,821	
3.2	Exhaust Bends /Elbow with Flange (DG-2)	Long radius 90 deg L bow 4" bore		Pcs	N/A			
		Long radius 90 deg L bow 5" bore						
3.3	Exhaust Flange (DG-1)	Welding neck flange 6" dia		Pcs	10	780	7,803	
		Welding neck flange 8" dia			2	1,140	2,281	
3.3	Exhaust Flange (DG-2)	Welding neck flange 4" dia		Pcs	N/A			
		Welding neck flange 5" dia						
3.4	Exhaust Heat Insulation (Including 1nos Industrail Silencer BOX)	Insulation Of Pipe with Rockwool/Glasswool (50mm min thickness) along with 26SWG Aluminium sheet cladding.		Job	1	28,151	28,151	
3.5	Exhaust Fitting (Including 1nos Industrail Silencer BOX)	All bracket, support must be made with MS angle 50X50X 4, 5 & 6 MM		Job	1	21,849	21,849	
3.6	Exhaust Pipe Converter	6" to 8"		Pcs	1	1,260	1,260	
4	Cooling System:							
4.1	Radiator Ducting	As per layout with 20/22 SWG MS sheet,Angle bar, flat bar support,Canvas cloth etc		Sq-ft	330	228	75,270	1nos WXH- 5FTX2FT 5" BRICK WALL PUNCH REQUIRE.
5	Commissioning Material:							
5.1	Radiator coolant	Havoline Premix Coolent		Liter	40	72	2,884	
5.2	Lube oil	SAE 15 W 40		Liter	40	388	15,528	
5.3	Battery electrolyte	Specific gravity 1.250		Liter	20	55	1,109	
06	DG On site delivery:							
6.1	Loading /Unloading/Lifting	Generator dry weight-2600 Kg	CWPL	Job	1	-	-	
6.2	Rubber Pad	LXW- 12"X12", Thickness- 37mm		Pcs	4	1,020	4,082	
6.3	Existing DG Shifting	220KVA Existing DG Shifting As per layout - Dismently of floor mounted canopy - Shifting DG as per layout (appx 5 ft from existing location) and installation of rubberpad - Reinstalla of floor mouted canopy		Job	1	33,013	33,013	DG HAVE TO ROOL 80FT AFTER UNLOADING FROM CAR, INSTALLED SILENCER BOX WITH FC MAY NEED TO DISMENTL WHILE ACCESS DG.
Total (BDT) Excl VAT & AIT:							270,451	

Total = 2,57,328/-

18/09/2017

* Payment = 100% after completion of work.