

WORLD POWER LIMITED

400kVA (DG-3)

Hoplon Bangladesh

ADDRESS- Dhaka EPZ

DATE- 18.07.16

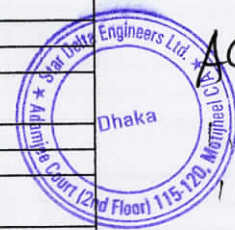
GEN MODEL-

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)	4X2X1C 240rm NYY DG To ATS 4X2X1C 240rm NYY MAINS To ATS 4X2X1C 240rm NYY ATS To LOAD		Meter (Appx.)	56 120 120	- - -	- - -	Cable Qty is Appx. Actual qty to be measured after ATS & LT panel placement
1.2	Power Cable Lugs	240 rm Material -Copper , Surface-Electro Tinned		Pcs	50	250	12,500	
1.3	Control cable For Sensing	4X 1.2 rm (40/0.19 mm) Flexible Cable		Meter	16	105	1,680	
1.4	PVC Flexible pipe	1"Ø (for control cable)		Meter	5	75	375	
1.5	PVC Tape	Adhesive Tape 04 color (Red/Yellow/Black/Blue)		Pcs	12	35	420	
1.6	PIB Tape			Pcs	3	570	1,710	
1.7	Royal Bolt	10 no.		Pcs	10	30	300	
1.8	Cable Tie	L - 8"/10"		Pack	3	250	750	
1.9	Copper Busbar	WXD- 45X10 mm2 for Cable Connection		Pcs	3	2,850	8,550	
2	Generator Earthing :							
2.1	Earthing Boring	Earthing of electrical installation with 38.1 mm (1.5") dia GI pipe throughly 2 SWG 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 GI pipe to attain earth resistance <1 ohm including blind socket for water pouring facility. Boring: 100' & GI Pipe: 10'+10'		Job	1	14,500	14,500	
2.2	Earthing Copper Lead	Installation of solid copper wire earthing lead 2 SWG in 38.1 mm dia GI pipe & termination of connection at both end .		Meter	37	570	21,090	
2.3	Earthing Block	Dimension LXWXD - 300mm X 45mm X 10mm with connection facility		Pc	1	2,850	2,850	
2.4	Earthing Cable	1 X 240rm BYA (Green) from Earthing Copper bar to gen & equipment		Meter (Appx.)	10	2,195	21,950	
2.5	Earthing Cable lugs	240 rm Material -Copper, Surface-Electro Tinned		Pcs	6	250	1,500	
3	Exhaust System:							
3.1	Exhaust Silencer straight Pipe	MS Pipe bore 152mm, thickness 3-4mm		Feet(Appx)	12	1,250	15,000	
3.2	Exhaust Bends /Elbow	Long radius 90 deg L bow 152mm bore		Pcs	1	1,375	1,375	
3.3	Exhaust Flange	Welding neck flange 152mm dia		Pcs	4	815	3,260	
3.4	Exhaust Heat Insulation	Insulation with Rockwool/ Glasswool (37mm) and 2-3mm aluminium sheet clading		Job	1	8,500	8,500	
3.5	Exhasut Fitting	With 50X50X5 mm MS Angle, flat bar, royal bolt, nut bolt etc.		Job	1	7,500	7,500	
4	Cooling System:							
4.1	Radiator Ducting	WXH- 4.5'X4.5'; L- 5' As per layout with 20/22 SWG MS sheet,Angle bar, flat bar support,Canvas cloth etc		Sq-ft	90	270	24,300	
5	Commissioning Material:							
5.1	Radiator coolant	Havoline Premix Coolant		Liter	60	250	15,000	
5.2	Lube oil	SAE 15 W 40		Liter	40	420	16,800	
5.3	Battery electrolyte	Specific gravity 1.250		Liter	20	65	1,300	
6	DG On site delivery:							
6.3	Loading /Unloading/Lifting	Generator dry weight-3700 Kg	Clients	Job	1	-	-	Clients will do. own Equip
Total (BDT)							181,210	

21,950
159,260



Accepted
22.08
159,260/-
2016
TK. 440,000/-
2/8/2016