



Silver Tower

SLG/ADMIN/HO/TOWER/01

Date: 01 April 2019

Cross World Power Ltd.
Corporate Office
Plot# 1/B, Road #90, Gulshan-2
Dhaka-1212

Subject: **WORK ORDER FOR 135 KVA 3 PHASE HEAVY DUTY DIESEL GENERATOR WITH ALL COMMISSIONING MATERIALS**

Reference: Cross World Private Ltd. Ltr No: CWPL-AM/3387/18-R01F Dated 19 February 2019

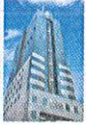
Dear Sir,

I have the pleasure to place the 'Work Order' for Supply of 135 KVA 3 Phase heavy duty Diesel Generator with all Commissioning Materials at the Silver Tower as per the following terms & conditions:

Sl	Technical Specification	Data	Remarks
1	No	01	
2	Quantity	01	
3	Model	PS 135	
4	Rating	Prime 135KVA	
5	Voltage	400 Volts	
6	Phase	03	
7	Frequency	50 Hz	
8	Engine operating speed	1500 rpm at NTP conditions	
9	Diesel Engine	Perkins	
10	Alternator Model	Stamford UK	
11	Brand	Tempest	
12	Battery	24 Volt	
13	Cooling System	Water Cooled	
14	ATS	As per requirement	
15	Canopy	As per requirement	
16	Others:	As per attached list (As mentioned at serial 4 of the offer letter)	

Installation: By 17 April 2019

Continue Page-02



Silver Tower

After Sales Service: Will be carried out by Cross World Power Ltd. For 02 (Two) years or 3000 hours. Service personnel should report by 30 minutes after receiving complain from User end.

Originality: Generator must be Brand New, Origin of manufacturing in UK and NO repeated No Reconditioned Generator will be accepted by Silver Line Group.

Training: Operating training for Generator Operator will be provided by Cross World Power Ltd.

Guarantee/ Warranty as per Following:

"As per standard of manufacturer, we provide 3000 hours or 2 year warranty whichever comes first , effective from the date of delivery at the client's premises. Our warranty policy is for any manufacturing defects or any premature wear & tear due to usage. The faulty part(s) is/are replaced/repared within the warranty period. However, Warranty doesn't cover improper maintenance by the user, consumable items, servicing by unauthorized person, running the genset above it's capacity or any unauthorized modification of the Genset."

Price: Tk. 19, 25,000/- (Nineteen Lac twenty Five Thousand only) AIT 2% will be deducted from total price. Document related VAT will be placed to Silver Tower from seller end.

Advance: A cheque of Tk. 9, 62,500/= (Nineteen Lac Sixty Two Thousand and Five Hundred only), 50% of the total amount is given as advance against your Quotation CWPL-AM/3387/18-R01F Dated 19 February 2019. Please acknowledge on your office pad.

Final Payment: The balance amount will be paid only after the entire satisfaction of the Management of Silver Tower.

I appreciate your kind cooperation and accomplishment of the assigned work efficiently.

Thanking you.



M.A.H. Salim
Managing Director



Silver Tower

List of Commissioning Materials of 135KVA Generator to be supplied by Cross World Power Ltd. to Silver Tower

SL NO	JOB DESCRIPTION	TECHNICAL DETAILS/ BRAND	UOM	QTY
1	Electrical System:			
1.1	Power Cable (35 °C Ambient on air)	1C 95mm NYY DG to ATS	Meter	45
		1C 95mm NYY MAINS to ATS		TBA
		1C 95mm NYY ATS to LOAD		TBA
1.2	Control cable For Sensing	4 X 1.2 mm (40/0.19 mm) Flexible Cable		25
1.3	Power Cable Lugs	70 mm, Material -Copper, Surface -Electro Tinned	Pcs	26
1.4	PVC Flexible Pipe	3" dia	Meter	15
1.5	Saddle for flexible pipe	3" dia local	Pcs	25
1.6	Royal Plug & Screw	10no. & 1.5" length	Pack	2
1.7	PVC Tape	Adhesive Tape 04 color (Red/Yellow/Black/Blue)	Pcs	4
1.8	PIB Tape		Pcs	1
1.9	Royal Bolt	10 no.	Pcs	10
1.1	Cable Tie	L - 10"	Pack	2
1.11	Power Cable Laying	70mm NYY Power Cable Laying & Installation work.	Meter	45
2	Generator Earthing :			
2.1	Earthing Boring	100 rft	Job	1
2.2	Earthing Copper Lead	2 SWG	Meter	35
2.3	Earthing Block	Dimension LXWxD - 250mm X 40mm X 5mm with connection facility, isolator, royal bolt etc	Pcs	1
2.4	Earthing Cable	1C- 25 mm BYA (Green) from Earthing Copper bar to gen & equipment	Meter	16
2.5	Earthing Cable lugs	25 mm Material -Copper, Surface -Electro Tinned	Pcs	4
3	Exhaust System:			
3.1	Exhaust Silencer straight Pipe	MS Pipe bore 4" ,thickness 3-4mm	Meter	11
3.2	Exhaust Bends /Elbow	Long radius 90 deg L bow 4" bore	Pcs	3
3.3	Exhaust Flange	welding neck flange 4"dia	Pcs	6
3.4	Exhaust Heat Insulation with silencer box	Insulation Of Pipe with Rockwool (25.4mm min thickness) along with 26SWG Aluminium sheet cladding.	Job	1

Continue page no: 02

Handwritten signature and date: 08/08/20



Silver Tower

3.5	Exhaust Fitting with silencer box	All bracket , support must be made with MS angle 50X50X 4, 5 & 6 MM	Job	1
4	Cooling System:			
4.1	Radiator Ducting	(WXH) inch- (3.1'X2.1') Feet L- 11FT As per layout with 22 SWG MS sheet, Angle bar, flat bar support, Canvas cloth, iron net mesh etc	Sq-ft	115
5	Commissioning Material:			
5.1	Radiator coolant	Havoline Premix Coolant	Liter	40
5.2	Lube oil	SAE 15 W 40	Liter	20
5.3	Diesel Fuel for Test Run	50% of tank capacity	Liter	200
5.4	Battery electrolyte	Specific gravity 1250	Liter	20
6	Other Accessories			
6.1	Rubber Pad	Dimension L XW - 1'X1' ; D-1"	Pcs	4
7	Loading/Unloading	Generator dry weight-2000kg		
8 Civil works:				
8.1	Generator foundation	Dimension L X WxD - 11.5'X4'X5" ;	Job	1

mm
6/07/08/22