Shipan Barua

Md. Ariful Islam <ariful@cross-world.com> From:

Sent: Monday, February 1, 2021 4:16 PM

'Habibur Rahman Javed'; shipan@cross-world.com To: Subject: FW: Installation materials for 20 KVA Genset

Attachments: Installation Materials _ 20 KVA.pdf

FYI

Best Regards,

Ariful Islam | CROSS WORLD POWER LTD | Manager, Sales | Plot 1/B, Road 90, Gulshan - 2, Dhaka 1212, Bangladesh | p: +880 2 5881 1858, 989 1442 | f: +880 2 5881 5160 | m: +8801755-514731, 01917-702 131 | e: ariful@crossworld.com | w: www.cross-world.com



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From: HO/Admin - Ohidul Islam [mailto:ohidul.islam@ebl-bd.com]

Sent: Monday, February 01, 2021 4:11 PM

To: ariful@cross-world.com

Cc: HO/Admin - Abu Taher Sarker; HO/Admin - Rustom Ali; HO/Administration - Asraful Hoque Asif; HO/Admin - Kamal

Subject: FW: Installation materials for 20 KVA Genset

Dear Mr. Ariful,

Cross World Power Ltd.

Ref: Work Order mail dated January 28, 2021 for installing a new 20KVA Genset at EBL Mouchak Branch, Gazipur.

In response to your below proposal, the management of EBL has accepted your offer for installing 20KVA Generator at EBL Mouchak Branch, Gazipur with following terms:

- 1. Local Canopy for 20KVA Genset @Tk. 80,000.00
- 2. Installation & Commissioning materials @Tk. 15,000.00
- 3. Existing Generator shifting from Mouchak to Dhanmondi, Dhaka @Tk. 10,000.00

In Total: Tk. 105,000.00 (Taka One Lac Five Thousand) only.

Thanks & Regards,

MD. OHIDUL ISLAM I MANAGER I PROCUREMENT I ADMINISTRATION I Eastern Bank Ltd, Head Office, 100 Gulshan Avenue, Dhaka-1212 | Mobile: 01892575737 | Tel: 09666777325 Ext-7764 |









From: Md. Ariful Islam [mailto:ariful@cross-world.com]

Sent: Sunday, January 31, 2021 6:43 PM

To: HO/Admin - Ohidul Islam Cc: HO/Admin - Kamal Mustaba Ali

Subject: Installation materials for 20 KVA Genset

Dear Sir,

As per discussion with you , please find attached installation material list .

Best Regards,

Ariful Islam | CROSS WORLD POWER LTD | Manager , Sales | | Plot 1/B, Road 90, Gulshan - 2, Dhaka 1212, Bangladesh | p: +880 2 5881 1858, 989 1442 | f: +880 2 5881 5160 | m: +8801755-514731, 01917-702 131 | e: ariful@crossworld.com | w: www.cross-world.com

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CROSS WORLD POWER LIMITED BOQ OF 1X20kVA GENERATOR CLIENT - EBL

CLIENT - EBL ADDRESS- MOUCHAK, GAZIPUR DATE- 31.01.2021

1.	SL NO	JOB DESCRIPTION	TECHNICAL DETAILS/ BRAND	UOM	QTY	UNIT RATE	TOTAL RATE	REMARKS
1.1 Power Cable (35 °C Amblent on air)			TECHNICAL DETAILS/ BRAND	UOIVI	QII	UNITRAIL	TOTAL KATL	KLIVIAKKS
1.1 Power Cable (35 °C Ambient on air) GCX10rm NYM AMINS To ATS ACX 10rm NYM AMINS To ATS NYA NY	- '	Electrical System.	ACV10 rm NVV DC To ATS		NI/A			
ACX 10 rm NYA TAIS to LOAD	1.1	Power Cable (35 °C Ambient on air)		Meter				
1.2 Cable Lugs								EXISTING WILL BE USED
1.3 Control Cable for Sensing	1 2	Cable Luce		Des				
1.3 Control Cable for Sensing (2XDG to ATS) Meter N/A		, and the second	4 X 1.2 rm (40/0.19 mm) Flexible Cable					
1.5 Saddle for flexible pipe 1.5" dial local	1.3	3	(2XDG to ATS)					
1.5 Royal Plug & Strew 1.5 Royal Plug &	1.4							
1.7 PVC Tape	1.5							
1.8 Royal Bolt								
1.9 Cable Tie 1.9 Cabl								
1.10 Installation & Connection Charge 2 Generator Earthing 2.2 Earthing Boring 80 rft Job Job 1 5,000 5,000								
2 Cenerator Earthing :			L - 8"					
2.1 Earthing Borring	1.10			Job	1	5,000	5,000	
2.2 Earthing Copper Lead 4 SWG 2.3 GI Pipe 38mm dia Meter 2.4 Earthing Block Dimension LXWXD - 200mm X 30mm X 4mm with connection featility 2.5 Earthing Cable 1 X 6 rm BYA (Green) Earthing block to gen & equipment Meter 2.6 Earthing Cable lugs 6 rm Material - Copper , Surface-Electro Tinned Pcs 3.1 Exhaust System: 3.1 Exhaust System: 3.2 Exhaust Sends / Exhaust System: 3.3 Exhaust Bends / Exhaust System: 3.3 Exhaust Heat Insulation Insulation Of Pipe with Rockwool (50mm thickness) along with 26SWG Aluminium sheet clading. 3.4 Exhaust Fitting All bracket , support must be made with MS angle 50X50X 4, 5 & 6 MM 4 Cooling System: 4.1 Radiator Ducting As per layout with 22 SWG MS sheet, Angle bar, flat bar support, Canvas cloth etc WXH=2X1', L- 5.1 Radiator coolant Havoline Premix Coolant Liter 10 160 1,600 1,600 1,500 1	2							
2.3 GI Pipe 38mm dia Dimension LXWXD - 200mm X 30mm X 4mm with connection facility USED Dimension LXWXD - 200mm X 30mm X 4mm with connection Pc Dimension LXWXD - 200mm X 30mm X 4mm with connection Pc Dimension LXWXD - 200mm X 30mm X 4mm with connection Pc Dimension LXWXD - 200mm X 30mm X 4mm with connection Pc Dimension LXWXD - 200mm X 30mm X 4mm with connection Pc Dimension LXWXD - 200mm X 30mm X 4mm with connection Pc Dimension LXWXD - 200mm X 4mm with connection Pc Dimension LXWXD - 200mm X 4mm with connection Pc Dimension LXWXD - 200mm X 4mm with connection Pc Dimension LXWXD - 200mm X 4mm with connection Pc Dimension LXWXD - 200mm X 4mm with connection Pc Dimension LXWXD - 200mm X 4mm with Connection Pc Dimen	2.1							
2.4 Earthing Block	2.2			Meter				
2.4 Earthing Block Dimension LXWXD - 200mm X 30mm X 4mm with connection Pc USED 2.5 Earthing Cable 1 X 6 rm BYA (Green) Earthing block to gen & equipment Meter 2.6 Earthing Cable lugs 6 rm Material - Copper , Surface-Electro Tinned Pcs 3.1 Exhaust Silencer straight Pipe MS Pipe bore 3", thickness 3mm Meter 3.1 Exhaust Bends / Elbow Long radius 90 deg L bow 3" Pcs 3.3 Exhaust Bends / Elbow Long radius 90 deg L bow 3" Pcs 3.3 Exhaust Heat Insulation Insulation Of Pipe with Rockwool (50mm thickness) along with Job 3.4 Exhaust Fitting All bracket , support must be made with MS angle 50X50X 4, 5 & 6 MM Job 4 Cooling System: As per layout with 22 SWG MS sheet, Angle bar, flat bar Support, Canvas cloth etc WXH=2'X1', L- 4.1 Radiator Ducting As per layout with 22 SWG MS sheet, Angle bar, flat bar Support, Canvas cloth etc WXH=2'X1', L- 5 Commissioning Material: 10 160 1,600 5.2 Lube oil SAE 15 W 40 Liter 10 400 4,000 5.3 Battery electrolyte Specific gravity 1250 Liter 10 90 900 5.4 Fuel Diesel for test run Liter 50 CANOPY NEED 70 6 DG On site delivery: CANOPY NEED 70 CANOPY NEED 70 6 Loading /Unloading/Lifting Generator dry weight-1200 Kg Job 1 SAE 15K NEED 4 6 .2 Existing DG Dismentling & Shifting Existing DG Rating-20 KVA Job 1 FILL UP BY SP 7 CIVIL WORK: TOTAL TK(Excluding VAT & AIT) 12,050	2.3	GI Pipe		Meter				EXISTING WILL BE USED
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TOTAL TK(Excluding VAT & AIT) 12,050							-	
	7.1	DG Base Foundation	Base dimension LXW(ft)=8'x4'4", Depth, D- 6" RCC with NCF.		1		-	CLIENT SCOPE
					TK(Exclud	iing VAT & AIT)	12,050	

Note: Related Civil work and Diesel Fuel for Test Run will be arranged by Client as per instruction of CWPL Engineer.