

Md. Al- Miraj

From: Raju Ahammed <raju@cross-world.com>
Sent: Tuesday, May 07, 2019 2:30 PM
To: Md.Abusieed Sobuj
Cc: Md. Habibur Rahman Javed; Md. Al Miraj
Subject: FW: Confirmation Letter for Generator Commissioning
Attachments: image001.emz

Dear Sobuj vai,
Please see the below mail & take proper step for this order

Best Regards

Raju ahammed | **CROSS WORLD POWER LIMITED** | Engineer, sales | Plot 1/B, Road 90, Gulshan - 2, Dhaka 1212, Bangladesh | p: +880 2 5881 1858, 989 1442 | Cell : 01755514746 | f: +880 2 881 5160 | w: www.cross-world.com



please consider the environment before printing this email

From: Mushfiul Jannat Chowdhury [<mailto:supply4@sheltechengineering.com.bd>]
Sent: Tuesday, May 07, 2019 2:21 PM
To: 'Raju Ahammed'
Cc: supply@sheltechengineering.com.bd; construction3@sheltechengineering.com.bd; selmobarok@gmail.com
Subject: Confirmation Letter for Generator Commissioning

CROSS WORLD POWER LIMITED BOQ OF 1X150 KVA GENERATOR INSTALLATION MATERIAL CLIENT - SHELTECH (PVT)LTD										ADDRESS- CUMILLA,EPZ		DATE- 30.04.2019	
GEN MODEL-		JOB DESCRIPTION			ENGINE MODEL-		TECHNICAL DETAILS/ BRAND		ALTERNATOR MODEL-				
SL NO	JOB DESCRIPTION			TECHNICAL DETAILS/ BRAND		SCOPE OF SUPPLY	UOM	QTY	UNIT RATE	TOTAL RATE			
1	Electrical System:												
1.1	Power Cable (35°C Ambient in Air)			4X1C-70 mm NYY DG To ATS 4X1C-70 NYY MAINS To ATS 4X1C-70 NYY ATS To LOAD			Meter	74		0			
1.2	Power Cable Lugs			70 mm , Material- Copper , Surface-Electro Tinned			Pcs	26		0			
1.3	Power cable laying charge			1C-70mm cable			Meter	114		0			
1.4	PVC Flexible pipe			4" inner dia			Meter	30		0			
1.5	Saddle for flexible pipe			4" dia			Pcs	60		0			
1.6	Control cable for sensing			4 X 1.2 mm (40/0.19 mm)Flexible Cable			Meter (apprx.)	40		0			
1.7	PVC Tape			Adhesive Tape 04 color (Red/Yellow/Black/Blue)			Pcs	4		0			
1.8	PIB Tape						Pcs	1		0			
1.9	Royal Bolt			10 no.			Pcs	10		0			
1.10	Cable Tie			L- 10"			Pack	3		0			
2	Generator Earthing :												
2.1	Earthing Boring			1 Nos. For 100 feet			Job	1		-			
2.2	GI Pipe (Boring)			38mm dia			Meter	7		-			
2.3	PVC Flexible pipe			3/4 " inner diameter			Meter	4		-			
2.4	Earthing Copper Lead (Boring)			2 SWG			Meter	30		-			
2.5	Earthing Copper Lead for termination			2 SWG			Meter	4		-			
2.6	Earthing Block / Equipotential bar			Dimension LXWXD=200mmX30mmX5mm with connection facility			Pc	1		0			
2.7	Earthing Cable			1 X 25mm BYA (Green) from Earthing Copper bar to gen & equipment			Meter	10		0			
2.8	Earthing Cable lugs						Pcs	4		0			
3	Exhaust System:												
3.1	Exhaust Silencer straight Pipe			MS Pipe bore 4", thickness 3-4mm			Meter	3	1942	5826			
3.2	Exhaust Bends /Elbow			Long radius 90 deg L bow, bore 4"			Pcs	2	855	1710			
3.3	Exhaust Flange			Welding neck flange 4" bore			Pcs	2	461	922			
3.4	Exhaust Heat Insulation with silencer box			Insulation Of Pipe with Glasswool (25.4mm min thickness) along with 26 SWG Aluminium sheet clading.			Job	1	4573	4573			
3.5	Exhasut Fitting with silencer box			Exhaust Pipe & Silencer Box Support from floor, Made with 2" dia MS Pipe with necessary fitting, welding etc.			Job	1	3528	3528			
4	Cooling System:												
4.1	Radiator Ducting			As per layout with 22 SWG MS sheet,Angle bar, flat bar support,Canvas cloth, Iron net mesh etc LXW=2.5'X3' rft=			N/A						
5	Commisioning Material:												
5.1	Radiator coolant			Havoline Premix Coolant			Liter	20	160	3200			
5.2	Lube oil			SAE 15 W 40			Liter	20	420	8400			
5.3	Battery electrolyte			Specific gravity 1250			Liter	10	90	900			
6	DG On site delivery:												
6.1	Loading /Unloading/Lifting			Generator dry weight- 1650Kg			Job	1					
7	Civil Work						CWPL						
7.1	Required DG base			LXW/XD=12'7"X3'6"X6"			Job	1					
				TOTAL T.C (Excluding VAT & AIT)						29059			

No. 03 & 05. Total Amount: 29059.00. Payment will be from Sheltech Engineering Ltd.
Regards

Galib Chowdhury
Asst. Engineer
Supply Chain Dept.