### Shipan Barua

From: Md. Bayazid Al Imran <imran@cross-world.com>

**Sent:** Saturday, June 20, 2020 12:58 PM

To: Nabbi Ferdous Rafi

Cc: Md. Mizanur Rahman; Taz Uddin; Md. Ziaul Islam; Md. Habibur Rahman Jabed;

Shipan Barua; Md. Atikur Rahman; Md. Abusieed Sobuj

Subject: Fw: Proposed BOQ of 1x30kVA Open DG for BM Energy (BD) Ltd.

Dear Rafi Vi,

Good day,

Please send the materials listed below and take necessary steps for commissioning works

Note: Please include VAT, TAX

Sincerely,

Md. Bayazid Al Imran

From: Procurement Dept. Head office com>

Sent: Saturday, June 20, 2020 12:39 PM

To: Md. Bayazid Al Imran <imran@cross-world.com>

Cc: Md. Rashedul Islam, Manager, Supply Chain <rashedulislam@bmenergybd.com>; Mr. Moazzam Hossen, Project

Manager, Operation Management <moazzam.hossen@bmenergybd.com> **Subject:** RE: Proposed BOQ of 1x30kVA Open DG for BM Energy (BD) Ltd.

Dear Bayazid Vai,

Please send below materials for installation and commissioning of DG set:

JOB DESCRIPTION	TECHNICAL DETAILS/ BRAND
Radiator coolant- 10 Ltr	Havoline Premix Coolent
Lube oil- 10 ltr	SAE 15 W 40
Battery electrolyte-10 ltr	Specific gravity 1250

Thanks and Regards,

Engr. Fatema Jahan

Project Engineer (Electrical).

Email: procurement@bmenergybd.com

Mobile: +8801708454910

BM Energy (BD) Limited (A Netherlands - Bangladesh Joint Venture)

Head Office: 1206/A, Nasirabad I/A, Bayzid Bostami Thana Road, Ruby Gate, East Nasirabad,

Chittagong - 4210, Bangladesh.



www.bmenergybd.com

From: Md. Bayazid Al Imran

**Sent:** Saturday, June 20, 2020 12:27 PM **To:** Procurement Dept. Head office

Subject: Fw: Proposed BOQ of 1x30kVA Open DG for BM Energy (BD) Ltd.

Dear Madam, Good day,

Please see the attached BOO

From: Nabbi Ferdous Rafi <rafi@cross-world.com>

Sent: Monday, June 15, 2020 5:58 PM

To: Md. Bayazid Al Imran <imran@cross-world.com>

**Cc:** Md. Mizanur Rahman <mizan@cross-world.com>; Md. Ziaul Islam <zia@cross-world.com>; Taz Uddin <taz@cross-world.com>;

world.com>

Subject: RE: Proposed BOQ of 1x30kVA Open DG for BM Energy (BD) Ltd.

Dear Mr. Bayazid,

Have attached the Proposed BOQ of 30kVA DG for BM Energy (BD) Ltd. Please feel free to contact with me for further query regarding this issue.

BR,

Rafi, Md. Nabbi Ferdous | CROSS WORLD POWER LTD| Sr. Engineer, (Design, Installation & Commissioning) | Plot 1/B, Road 90, Gulshan-2, Dhaka 1212, Bangladesh | p: +880 2 5881 1858, 989 1442 | mob:1755514785 | f: +880 2 5881 5160 | Email: rafi@cross-world.com | w: www.cross-world.com

**From:** Taz Uddin [mailto:taz@cross-world.com]

**Sent:** Thursday, June 11, 2020 3:39 PM

To: rafi@cross-world.com

Cc: Md. Mizanur Rahman <mizan@cross-world.com>; nabi@cross-world.com; 'ziaul islam' <zia@cross-world.com>

Subject: FW: Site Visit for 30kVA DG

Dear Rafi,

Please do work on it.

#### Sincerely,

**Md. Taz Uddin | CROSS WORLD LTD | Sr. Manager, Design & Pricing |** Plot 1/B, Road 90, Gulshan 2, Dhaka 1212, Bangladesh | p: +880 2 5881 1858, 989 1442 | f: +880 2 5881 5160 | w: <a href="www.cross-world.com">www.cross-world.com</a>

please consider the environment before printing this email

This communication contains information which is confidential and may also be privileged. It is for the exclusive use of the intended recipient(s).

From: Md. Bayazid Al Imran [mailto:imran@cross-world.com]

**Sent:** Thursday, June 11, 2020 2:18 PM **To:** Taz Uddin < <a href="mailto:taz@cross-world.com">taz@cross-world.com</a>>

**Cc:** Md. Habibur Rahman Jabed <<u>habib@cross-world.com</u>>; Shipan Barua <<u>shipan@cross-world.com</u>>; Moshiur Rahman <<u>moshiur@cross-world.com</u>>; Shokat Osman Sabuj <<u>sabuj@cross-world.com</u>>; Md. Mizanur Rahman <<u>mizan@cross-world.com</u>>; Md. Atikur Rahman <<u>atikur@cross-world.com</u>>; Naba Krishna Mazumder <<u>naba@cross-world.com</u>>; Md. Hayatunnabi Khan <<u>nabi@cross-world.com</u>>; Md. Bayazid Al Imran <<u>imran@cross-world.com</u>>

Subject: Site Visit for 30kVA DG

Dear Taz Vi, Good day,

Please take necessary steps to site visit and provide BOQ of 30kVA DG

Client: BM Energy (BD) Ltd

Ref No: RFF: CWPI-AM/4672/20F

Site: Singhora, Fauzderpara, Vuzpur, Fatikchari, Chittagong.

Contact: Mr. Mijan: 01860294156

#### Best regards,

Mohammad Bayzid Al Imran | CROSS WORLD Power Ltd. | Engineer- Sales | Plot 1/B, Road 90, Gulshan 2, Dhaka 1212, Bangladesh,, Ctg office: M M Ali Road (lane-1), Baitus Salam Building(Gr. Floor), Dampara | p: +880 2 5881 1858, 989 1442 | Cell no: 01755514783 | f: +880 2 5881 6205 | e: imran@cross-world.com | w: www.cross-world.com



a complete Electrical Power solution Company as diesel generator . transfomer . subsatation . busbar trunking system . boiler . lighting . fire fighting . point wiring . turnkey solution . etc



please consider the environment before printing this email

This communication contains information which is confidential and may also be privileged. It is for the exclusive use of the intended recipient(s).



This email has been checked for viruses by AVG antivirus software. www.avq.com

## **Cross World Power Limited**



Ref : CWPL-AM/4672/20 Date : 21-Jun-2020

To

#### BM Energy (BD) Ltd.

1206/A, Nasirabad I/A, Bayzid Bostami Thana Road, Ruby Gate, East Nasirabad, Chittagong â?? 4210, Bangladesh.

Site ID: Singhora, Fauzderpara, Vuzpur, Fatikchari, Chittagong.

# QUOTATION FOR SUPPLY OF INSTALLATION & COMMISSIONING MATERIALS FOR YOUR 30 kVA DIESEL GENERATING SET AT YOUR SITE: PS30

Dear Sir

We have since inspected your site and as desired by you we are now pleased to submit below our cost of installation & commissioning materials for your above mentioned genset.

SL	ProductName	Unit	Quantity	<b>Unit Price</b>	<b>Total Price</b>
1	Coolant Havoline	Ltr	10.00	160.00	1,600.00
2	Lube Oil	Ltr.	10.00	420.00	4,200.00
3	Battery Acid	Ltr	10.00	90.00	900.00
				Sub Total :	6,700.00

\_\_\_\_\_

Grand Total:

6,700.00

Taka

:Six Thousand Seven Hundred Only.

**N.B**: Cost of additional materials required during the commissioning works of the set to be borne by you.

Assuring you of our best services and careful attention at all times, we look forward to receiving your valued work order. Please retain the original and return the copy of this quotation duly sign by you.

Thanking you. Yours faithfully

**Cross World Power Limited** 

We hereby accept the above terms & Conditions

Mohammad Bayazid Al Imra

Engineer 01755514783

(Signature with Seal) For and on behalf of **BM Energy (BD) Ltd.** 

H: NE(O) 06, R: 92, Gulshan-2, Dhaka-1212 | p: (880 2) 8811858, 8816528 | f: (880 2) 8816205 | e: info@cross-world.com Print Date : 06/21/2020 Page 1 of 1

#### **CROSS WORLD POWER LIMITED**

#### **BOQ OF 1X30 kVA GENERATOR**

EN MODE	l Energy	ADDRESS- Chittagong ENGINE MODEL-		ALTERNATO	R MODE	DATE: 1	5.06.20	
SL NO	JOB DESCRIPTION	TECHNICAL DETAILS/ BRAND	SCOPE OF SUPPLY	UOM	QTY	UNIT RATE	TOTAL BATE	REMARKS
1	Electrical System:	TESTITIONE DETINIES/ DIVINIS	50012 01 501121	00111	4	OIIII MAIL	TOTALITATE	KEWIAKKS
		4CX16 rm NYY DG to ATS		Meter	6	784	4,704	
1.1	Power Cable (35 °C Ambient on air )	4CX16 rm NYY Mains to ATS		Meter	5	784	3,920	
		4CX16 rm NYY ATS to Load		Meter	4	784	3,136	
1.2	Power Cable Lugs	16 rm , Material -Copper , Surface-Electro Tinned		Pcs	26	11	286	
1.3	Control cable For Sensing	4 X 1.2 rm (40/0.19 mm)Flexible Cable (2XDG to ATS)		Meter	15	87	1,305	
1.4	PVC Tape	Adhesive Tape 04 color (Red/Yellow/Black/Blue)		Pcs	8	29	232	
1.5	PIB Tape			Pcs	1	461	461	
1.6	Royal Bolt	10 no.		Pcs	10	18	180	
1.7	Cable Tie	L - 8"		Pack	1	138	138	
2	Generator Earthing:					250	100	
2.1	Earhting Block	Dimension LXWXD - 200mm X 30mm X 4mm with connection facility		Pc	1	1974	1974	
2.2	Earthing Cable	1 X 10 rm BYA (Green ) from Earting Copper bar to gen & equipment		Meter	4	101	404	
2.3	Earthing Cable lugs	10 rm Material -Copper , Surface-Electro Tinned		Pcs	6	8	48	
3	Exhaust System:							
3.1	Exhaust Silencer straight Pipe	MS Pipe bore 3" ,thickness 3-4mm		Meter	1	1,726	1,726	MARKET AND
3.2	Exhaust Bends /Elbow	Long radius 90 deg L bow 3"		Pcs	1	724	724	
3.3	Reducer	2.5" by 3"		Pcs	1	461	461	
3.4	Socket	3"		Pcs	1	592	592	
3.5	Exhaust Heat Insulation	Insulation Of Pipe with Glasswool (25.4mm min thickness) along with 26SWG Aluminium sheet clading.		Job	1	1,834	1,834	
3.6	Exhasut Fitting	All bracket , support must be made with MS angle 50X50X 4, 5 & 6 MM		Job	1	1,090	1,090	
4	Commissioning Material:							
4.1	Radiator coolant	Havoline Premix Coolent		Liter	10	160	1,600	
4.2	Lube oil	SAE 15 W 40		Liter	10	420	4,200	
4.3	Battery electrolyte	Specific gravity 1250 🗸		Liter	10	90	900	
4.4	Diesel Fuel for Test Run		Client	Liter	90	75	6,750	
5	Cooling System:							
5.1	Radiator Ducting	As per layout with 22 SWG MS sheet, Angle bar, flat bar support, Canvas cloth, Iron mesh etc WxH- 2' x 1.5', L-2' (Approx.)		Sq-ft	14	262	3,668	Canvas cloths w
6	DG On site delivery:							
6.1	Loading /Unloading/Lifting	Generator dry weight-1500 Kg	CWPL	Job	1	-		x <sup>1</sup>
7	CIVIL WORK:	, 0			,			
7.1	DG Base for 30kVA DG	Base dimension LXW(ft)=8'6"x4.5', Depth, D- 4" RCC with NCF.	Client	Job	1			Already Done.