

Shipan Barua

From: Habibur Rahman <habib@cross-world.com>
Sent: Monday, March 9, 2020 2:48 PM
To: sobuj@cross-world.com
Cc: sultan@cross-world.com; 'Nurul Alam'; shipan@cross-world.com
Subject: FW: Site Visit for BOQ

Need requisition.

Sincerely,

Md. Habibur Rahman | **CROSS WORLD POWER LTD** | **Manager, Customer Relations** | House 1/B, Road 90, Gulshan-2 Dhaka 1212, Bangladesh | Cell: 01755514711, p: +880 2 5881 1858, 989 1442 | f: +880 2 5881 5160 | e: habib@cross-world.com | w: www.cross-world.com



please consider the environment before printing this email

From: Procurement Dept. Head office [mailto:procurement@bmenergybd.com]
Sent: Monday, March 09, 2020 10:50 AM
To: Mohammad Nurul Alam
Cc: 'Md. Atikur Rahman'; alameeectg@gmail.com; 'Md. Habibur Rahman Javed'
Subject: E: Site Visit for BOQ

Dear Alam Vai,

Assalamu'alaikum.

Please send radiator coolant 10 liter, lube oil 10 liter and battery electrolyte 10 liter with installation team on 11th March, 2020.

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: [Mohammad Nurul Alam](#)
Sent: Sunday, March 8, 2020 4:17 PM
To: [Procurement Dept. Head office](#)
Cc: '[Md. Atikur Rahman](#)'; alameeectg@gmail.com; '[Md. Habibur Rahman Jabed](#)'
Subject: FW: Site Visit for BOQ

Dear Fatema,
Good day, please see the attached commissioning materials.

Best Regards

Mohammad Nurul Alam | **CROSS WORLD POWER LTD** | **Manager, Sales (CTG Zone)** | **head office:** 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 | **f:** +880 2 5881 6205 | **m:** 01755514716 | **w:** www.cross-world.com



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

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From: Mizan [<mailto:mizan@cross-world.com>]
Sent: Sunday, March 8, 2020 4:14 PM
To: 'Muhammad Nurul Alam'
Cc: 'Nabbi Ferdous Rafi'; 'Taz Uddin'; 'Md. Habibur Rahman Jabed'; 'Md. Abusieed Sobuj'; 'Md. Atikur Rahman'
Subject: RE: Site Visit for BOQ

Dear Alam vai,

Please get the attached BOQ.

Best regards,

Md. Mizanur Rahman | **CROSS WORLD POWER LTD** | **Engineer, Engineering Dept.** | Plot 1/B, Road 90, Gulshan - 2, Dhaka 1212, Bangladesh | **p:** +880 2 5881 1858, 989 1442 | **f:** +880 2 5881 5160 | **m:** +8801755-514864 | mizan@cross-world.com | **w:** www.cross-world.com

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From: Taz Uddin [<mailto:taz@cross-world.com>]
Sent: Saturday, March 07, 2020 4:40 PM
To: Md. Mizanur Rahman
Cc: Nabbi Ferdous Rafi
Subject: Fwd: Site Visit for BOQ

Dear Mizan,

Please ask Atiq to visit the site and get information from him.

BR

Taz Uddin

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From: Muhammad Nurul Alam <alam@cross-world.com>
Sent: Thursday, March 5, 2020 11:30:22 AM
To: Md. Atikur Rahman <atikur@cross-world.com>
Cc: Md. Mizanur Rahman <mizan@cross-world.com>; nobi@cross-world.com <nobi@cross-world.com>; Sultan Sakauat Sarkar <sultan@cross-world.com>; Taz Uddin <taz@cross-world.com>; Md. Habibur Rahman Javed <habib@cross-world.com>
Subject: FW: Site Visit for BOQ

Dear's

Plz visit the site and send Installation & commissioning BOQ below address

Borovewla, Chokariya, Cox's Bazar Auto Gas Station.(BM Energy)

Contact person – Mr. Farid- 01713 0546416

PS30 (open set)


NB: URGENT

Best Regards

Mohammad Nurul Alam | **CROSS WORLD POWER LTD** | Manager, Sales (CTG Zone)|head office: 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 | f: +880 2 5881 6205 | **m: 01755514716** | w: www.cross-world.com



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From: Procurement Dept. Head office [<mailto:procurement@bmenergybd.com>]
Sent: Thursday, March 5, 2020 10:50 AM
To: Muhammad Nurul Alam
Subject: Chakoriya DG WO

Dear Alam Vai,

Assalamu'alaikum.

Please check the attached WO and send us BOQ.

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: [Jahan Smriti](#)

Sent: Thursday, March 5, 2020 10:16 AM

To: [Procurement Dept. Head office](#)

Subject:



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

www.avg.com

CROSS WORLD POWER LIMITED
BOQ OF 1x30kVA OPEN GENERATOR

CLIENT - BM ENERGY

ADDRESS-Borowewla, Chokariya, Chattagram

DATE: 08/03/2020

| 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) | 4C-10rm NYY DG To MCOS 4C-10rm NYY MAINS To ATS 4C-10rm NYY ATS To LOAD | | Meter | 6 3 3 | | | |
| 1.2 | Power Cable Lugs | 10rm , Material -Copper , Surface -Electro Tinned | | Pcs | 26 | | | |
| 1.3 | Control cable For Sensing | 4 X 1.2 rm (40/0.19 mm)Flexible Cable | | Meter | 6 | | | |
| 1.4 | PVC Flexible pipe | 1.5" inner Ø | | Meter | 12 | | | |
| 1.5 | Saddle for Flexible pipe | 1.5" Ø Local | | Pcs | 18 | | | |
| 1.6 | Royal Plug & Screw | 1.5" | | Pack | 1 | | | |
| 1.7 | PVC Tape | Adhesive Tape 04 color (Red/Yellow/Black/Blue) | | Pcs | 8 | | | |
| 1.8 | Royal Bolt | 10 no. | | Pcs | 10 | | | |
| 1.9 | Cable Tie | L - 8 " | | Pack | 1 | | | |
| 1.10 | Power cable laying | 4C-25rm NYY cable laying, connection & termination | | Meter | 12 | | | |
| 2 | Generator Earthing : | | | | | | | |
| 2.1 | Earthing Boring | 100 rft | | Job | 1 | | | |
| 2.2 | Earthing Copper Lead (Boring) | 4 SWG | | Meter | 30 | | | |
| 2.3 | Earthing Copper Lead (Termination) | 4SWG | | Meter | 5 | | | |
| 2.4 | GI Pipe (Boring) | 38mm dia | | Meter | 7 | | | |
| 2.5 | Earthing Block | Dimension LXWXD - 200mm X 30mm X 4mm with connection facility | | Pcs | 1 | | | |
| 2.6 | Earthing Cable | 1 X 10 rm BYA (Green) from Earthing Copper bar to gen & equipment | | Meter | 5 | | | |
| 2.7 | Earthing Cable lugs | 10 rm Material -Copper , Surface -Electro Tinned | | Pcs | 6 | | | |
| 3 | Exhaust System: | | | | | | | |
| 3.1 | Exhaust Silencer straight Pipe | MS Pipe bore 2" , thickness 3mm | | Meter | 3 | | | |
| 3.2 | Exhaust Bends /Elbow | Long radius 90 deg L bow 2" Dia | | Pcs | 1 | | | |
| 3.3 | MS Socket | 2" dia socket | | Pcs | 1 | | | |
| 3.4 | Exhaust Heat Insulation | Insulation Of Pipe with Glasswool (25.4mm thickness) along with 26SWG Aluminium sheet clading. | | Job | 1 | | | |
| 3.5 | Exhaust Fitting | All bracket , support must be made with MS angle 50X50X 4 mm | | Job | 1 | | | |
| 4 | Cooling System: | | | | | | | |
| 4.1 | 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-12' (Approx.) | | Sq-ft | 0 | | | Window available for radiator exhaust discharge |
| 5 | Commissioning Material: | | | | | | | |
| 5.1 | Radiator coolant | Havoline Premix Coolant | | Liter | 10 | 160 | 1,600 | |
| 5.2 | Lube oil | SAE 15 W 40 | | Liter | 10 | 420 | 4,200 | |
| 5.3 | Battery electrolyte | Specific gravity 1250 | | Liter | 10 | 90 | 900 | |
| 6 | DG On site delivery: | | | | | | | |
| 6.1 | Loading /Unloading/Lifting | Generator dry weight-2000 Kg | CWPL | Job | 1 | - | - | |
| 7 | Civil work | | | | | | | |
| 7.1 | Required DG base | Base dimension LXW - 9'4"x4'6" , Depth 2" CC with NCF. | CLIENT | Job | 1 | - | - | Already done by client |
| TOTAL TK.(Excluding VAT & AIT) | | | | | | | 6,700 | |

Notes:ALL NECESSARY CIVIL WORK WILL BE DONE BY CLIENT OR VENDOR AS PER CWPL DRAWING OR ENGR INSTRUCTION.