

## Shipan Barua

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**To:** Raju Ahmmed; sobuj@cross-world.com  
**Cc:** habib@cross-world.com  
**Subject:** RE: BOQ & Room Layout for your PS 40KVA Diesel Generator

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**From:** Syed Kalim ullah [mailto:kalim7056@yahoo.com]

**Sent:** Monday, October 12, 2020 3:47 PM

**To:** Raju Ahmmed

**Subject:** Re: BOQ & Room Layout for your PS 40KVA Diesel Generator

Dear Raju,

In response to your mail it is requested to do the needful to install the generator at the site .  
Items mentioned in the list 1 to 1.10 ,2.5,2.6,5.1 & 5.2 will be provided by the client while rest of the items & jobs will be done by Cross-World Power Ltd.

Forwarded for your information and necessary action please at the earliest.

Gp Capt S.M.Kalim Ullah( Retd)

Plot # 773, Road # 11, Avenue # 2 , Mirpur DOHS

On Monday, October 12, 2020, 03:14:12 PM GMT+6, Raju Ahmmed <[raju@cross-world.com](mailto:raju@cross-world.com)> wrote:

Dear Sir.

**Greetings from cross world power ltd.**

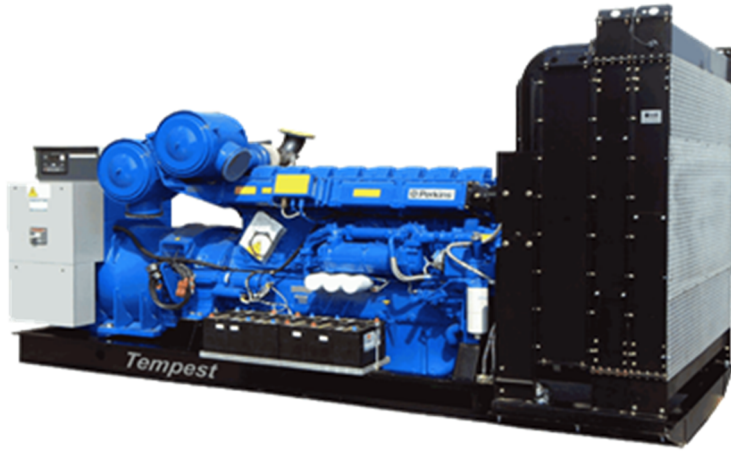
Please see the attached **40KVA Prime Rating Diesel Generator BOQ & Room Layout**. If you have any observation regarding this please feel free to contact with me.

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, 2222 91442 | Cell : 01755514746 | f: +880 2 881 5160 | w: [www.cross-world.com](http://www.cross-world.com)



please consider the environment before printing this email



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**From:** Raju Ahmmed (<mailto:raju@cross-world.com>)

**Sent:** Thursday, October 01, 2020 10:10 AM

**To:** [kalim7056@yahoo.com](mailto:kalim7056@yahoo.com)

**Cc:** [poritosh.spl@scclbd.com](mailto:poritosh.spl@scclbd.com); 'Ariful Islam' ([ariful@cross-world.com](mailto:ariful@cross-world.com)); 'habib@cross-world.com' ([habib@cross-world.com](mailto:habib@cross-world.com))

**Subject:** BOQ & Room Layout for your PS 40KVA Diesel Generator

Dear Sir,

**Greetings from cross world power ltd.**

Please see the attached **40KVA Prime Rating Diesel Generator BOQ & Room Layout**. If you have any observation regarding this please feel free to contact with me.

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, 2222 91442 | Cell : 01755514746 | f: +880 2 881 5160 | w: [www.cross-world.com](http://www.cross-world.com)



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**Shipan Barua**

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**To:** Raju Ahmmed  
**Cc:** habib@cross-world.com  
**Subject:** RE: Provision of Item for Generator at Plot # 773 , Road # 11, Mirpur DOHS

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**From:** Syed Kalim ullah [mailto:kalim7056@yahoo.com]  
**Sent:** Tuesday, October 13, 2020 3:45 PM  
**To:** Raju Ahmmed  
**Subject:** Provision of Item for Generator at Plot # 773 , Road # 11, Mirpur DOHS

**Dear Raju,**

**Further to my yesterday's mail on the subject please also include item mentioned in 5.1 i. e ., 10 Liter radiator coolant to be supplied at the site from Cross-World Ltd.**

**Forwarded for your information and necessary action please.**

**Group Captain S.M. Kalim Ullah(Retd)**

## CROSS WORLD POWER LIMITED

## BOQ OF 1x40kVA GENERATOR



| CLIENT - Group Captain S.M. Kalim Ullah |                                     | ADDRESS- MIRPUR DOHS                                                                                                        |                 | DATE: 30/09/2020 |                      |           |                  |              |
|-----------------------------------------|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-----------------|------------------|----------------------|-----------|------------------|--------------|
| 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-25rm NYY DG To ATS<br>4C-25rm NYY MAINS To ATS<br>4C-25rm NYY ATS To LOAD<br>4C-25rm NYY ATS To LOAD                     |                 | Meter            | 6<br>7.5<br>7<br>7.5 |           | -<br>-<br>-<br>- | Client       |
| 1.2                                     | Power Cable Lugs                    | 25rm , Material -Copper , Surface-Electro Tinned                                                                            |                 | Pcs              | 26                   |           | -                |              |
| 1.3                                     | Control cable For Sensing           | 4 X 1.2 rm (40/0.19 mm)Flexible Cable (2XDG to ATS)                                                                         |                 | Meter            | 14                   |           | -                |              |
| 1.4                                     | PVC Flexible pipe                   | 1.5" inner Ø                                                                                                                |                 | Meter            | 28                   |           | -                |              |
| 1.5                                     | Saddle for Flexible pipe            | 1.5" Ø Local                                                                                                                |                 | Pcs              | 30                   |           | -                |              |
| 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            | 28                   |           | -                |              |
| 2                                       | Generator Earthing :                |                                                                                                                             |                 |                  |                      |           |                  |              |
| 2.1                                     | Earthing Boring                     | 100 rft                                                                                                                     |                 | Job              |                      |           |                  | Already Done |
| 2.2                                     | Earthing Copper Lead                | 2 SWG                                                                                                                       |                 | Meter            |                      |           |                  |              |
| 2.3                                     | GI Pipe (Boring)                    | 38mm dia                                                                                                                    |                 | Meter            |                      |           |                  |              |
| 2.4                                     | Earthing Block                      | Dimension LXWXD - 200mm X 30mm X 4mm with connection facility                                                               |                 | Pc               | 1                    | 1974      | 1,974            | Client       |
| 2.5                                     | Earthing Cable                      | 1 X 10 rm BYA (Green ) from Earthing Copper bar to gen & equipment                                                          |                 | Meter            | 5                    |           | -                |              |
| 2.6                                     | Earthing Cable lugs                 | 10 rm Material -Copper , Surface-Electro Tinned                                                                             |                 | Pcs              | 4                    |           | -                |              |
| 3                                       | Exhaust System:                     |                                                                                                                             |                 |                  |                      |           |                  |              |
| 3.1                                     | Exhaust Silencer straight Pipe      | MS Pipe bore 3" , thickness 3mm                                                                                             |                 | Meter            | 6                    | 1,726     | 10,356           |              |
| 3.2                                     | Exhaust Bends /Elbow                | Long radius 90 deg L bow 3" Dia                                                                                             |                 | Pcs              | 2                    | 724       | 1,448            |              |
| 3.3                                     | Exhaust Flange                      | For 3" Dia pipe                                                                                                             |                 | Pcs              | 2                    | 592       | 1,184            |              |
| 3.4                                     | Exhaust Heat Insulation             | Insulation Of Pipe with Glasswool (25.4mm thickness) along with 26SWG Aluminium sheet cladding.                             |                 | Job              | 1                    | 5,082     | 5,082            |              |
| 3.5                                     | Exhaust Fitting                     | All bracket , support must be made with MS angle 50X50X 4, 5 & 6 MM                                                         |                 | Job              | 1                    | 3,908     | 3,908            |              |
| 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- 3'1" x 2'2", L-5' (Approx.) |                 | Sq-ft            | 53                   | 237       | 12,561           |              |
| 5                                       | Commissioning Material:             |                                                                                                                             |                 |                  |                      |           |                  |              |
| 5.1                                     | Radiator coolant                    | Havoline Premix Coolant                                                                                                     |                 | Liter            | 10                   | 160       | 1,600            | Client       |
| 5.2                                     | Lube oil                            | SAE 15 W 40                                                                                                                 |                 | Liter            | 10                   |           | -                |              |
| 5.3                                     | Battery electrolyte                 | Specific gravity 1250                                                                                                       |                 | Liter            | 10                   | 90        | 900              |              |
| 6                                       | DG On site delivery:                |                                                                                                                             |                 |                  |                      |           |                  |              |
| 6.1                                     | Loading /Unloading/Lifting          | Generator dry weight-2000Kg                                                                                                 | CWPL            | Job              | N/A                  |           |                  |              |
| 7                                       | Civil work                          |                                                                                                                             |                 |                  |                      |           |                  |              |
| 7.1                                     | Required DG base                    | Base dimension LXW(ft)=9'6"x4.5', Depth, D- 4" RCC with NCF.                                                                | CLIENT          | job              | N/A                  |           |                  |              |

TOTAL TK.(Excluding VAT &amp; AIT)

39,013

## Notes:

- ALL necessary civil work to be done by client
- Diesel fuel for test run will be arranged by client.

38000/-

*Signature*  
13/10/2020