

# CROSS WORLD POWER LIMITED

## BOQ OF 30 KVA GENERATOR

CLIENT - BRIG. GENERAL SARIFUDDIN

ADDRESS- MIRPUR DOHS, DHAKA

DATE-02.01.17

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:							
11	Power Cable (35 °C Ambient on air )	4X16 mm NYY DG To ATS 4X16 mm NYY Main(LT) To ATS 4X16 mm NYY ATS To Load (MDB)		Meter	8			CABLE LENGTH MAY VARY UPON THE DG, PANEL AS WELL AS CABLE ROUTE
12	Power Cable Lugs	16 mm . Material -Copper . Surface-Electro Tinned		Pcs	26			
13	Control cable For Sensing	4 X 12 mm (40/0.19 mm)Flexible Cable		Meter	16			
14	PVC Flexible Pipe	15" dia		Meter	5			
15	Saddle for flexible pipe	15" dia local		Pcs	20			
16	Royal Plug & Screw	15" length		Pack	181			
17	PVC Tape	Adhesive Tape 0.4 color (Red/Yellow/Black/Blue)		Pcs	8			
18	Royal Bolt	10 no.		Pcs	10			
19	Cable Tie	L - 6"/8"		Pack	1			
2	Generator Earthing :							
21	Earthing Boring	Earthing of electrical installation with 38 mm (1.5") dia G.I. pipe throughly (25wg earth electrode) having 6.35 mm dia holes across dia at 305 mm interval securely bonded with washer, nuts, bolts etc. sunk upto a depth of 100 ft with GIP pipe to attain earth resistance <1 ohm including blind socket for water pouring facility.		Job	1			Client will done
22	Earthing Copper Lead	Installation of solid cooper wire earthing lead 2 SWG in 25.4 mm dia GI pipe & termination of connection at both end .		Meter (Approx)	TBA			Client Scope
23	Earthing Block	Dimension LXXXD - 250mm X 20mm X 5mm with connection facility		Pcs	1			
24	Earthing Cable	1 X 10 mm BYA (Green ) from Earthing Copper bar to gen & equipment)		Meter	10			Earthing bar location as shown last meeting
25	Earthing Cable lugs	10 mm Material -Copper . Surface-Electro Tinned		Pcs	6			
3	Additional Exhaust System Works:							
31	Exhaust Silencer straight Pipe	MS Pipe bore 2" . thickness 3.4mm		Feet(Approx x)	12			Existing setup will re-use
32	Exhaust Bends /Elbow	MS Pipe bore 3" . thickness 3.4mm		Pcs	15	625	9,375	
33	Converter	Long radius 90 deg L bow for 2" bore 2" to 3" dia		Pcs	1	375	375	
34	Exhaust Socket	Threaded 2"dia MS Socket		Pcs	2	625	1,250	
35	Exhaust Heat Insulation	Threaded 3"dia MS Socket		Pcs	2	315	630	
36	Exhasut Fitting	Insulation Of Pipe with Rockwool/Glasswool (25.4mm min thickness) along with 26SWG Aluminium sheet cladding.		Job	1	1,000	1,000	
37	Dismantal of Existing Exhaust Pipe	All bracket . support must be made with MS angle 50X50X 4, 5 & 6 MM		Job	1	6,750	6,750	
38	PO Value of Previous Exhaust Work	Pipe with support & insulation.		Job	1	4,500	4,500	
4.1	Radiator Ducting	As per layout with 20/22 SWG MS sheet/ Angle bar, flat bar support/Canvas cloth etc		Sq-ft	N/A			Canopy hot air front exit
5	Commissioning Material:							
5.1	Radiator coolant	Haveoline Premix Coolant		Liter	10			
5.2	Lube oil	SAE 15 W 40		Liter	10			
5.3	Battery electrolyte	Specific gravity 1250		Liter	10			
5.4	Fuel	Diesel (For test run)		Liter	36			
06	DG On site delivery:							
6.1	Loading /Unloading/Lifting	Generator dry weight(with canopy) (Approx)-1100 Kg	CWPL	Job	1			
07	Civil Works:							
7.1	Generator foundation CC	Dim L X W (mm) - 2686X1320 Depth (mm): 100	CLIENT	Job	1			

Total (BDT): 47,380  
Special Discount by COO: 15,380  
Final Grand Total (BDT): 32,000

New Add. work.

16/01/17

## Raju Ahammed

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**From:** Sharf Uddin <sharf\_uddin@bat.com>  
**Sent:** Sunday, January 15, 2017 5:28 PM  
**To:** Raju Ahammed  
**Subject:** RE: Final BOQ

Thanks Raju.  
Pl go ahead.  
Regards  
Brig Gen Sharf(rtd)

*Customer mail  
Confirmed An.*

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**From:** Raju Ahammed [mailto:raju@cross-world.com]  
**Sent:** Sunday, January 15, 2017 5:18 PM  
**To:** Sharf Uddin <sharf\_uddin@bat.com>; sharf2155@gmail.com  
**Cc:** sakib@elytron-eng.com; iftekhar@cross-world.com; 'Ariful Islam' <ariful@cross-world.com>; habib@cross-world.com  
**Subject:** Final BOQ

Dear Sir ,  
Please find the attach BOQ file  
As per Discussion with our honorable COO Sir,  
Now we are going to work with this BOQ & Prices.  
For your kind information

For further any query . feel free to contact with me.

Best regards,

**Raju ahammed | CROSS WORLD POWER LIMITED** | Engineer, sales | House NE (O) 06, Road 92, Gulshan-02, Dhaka 1212, Bangladesh | p: +880 2 5881 1858, 989 1442 | Cell : 01755514746 | f: +880 2 881 5160  
| w: [www.cross-world.com](http://www.cross-world.com)

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