

Habibur Rahman


From: Mohammad Nurul Alam <alam@cross-world.com>
Sent: Saturday, September 09, 2017 12:05 PM
To: habib@cross-world.com; miraj@cross-world.com
Cc: mahamudur@cross-world.com; aziz@cross-world.com; moazzem@cross-world.com; zahidul@cross-world.com
Subject: FW: 150 KVA Generator Commissioning materials confirmation.

Dear Concern,

Plz send the installation materials for CHITTAGONG CLUB , after submitting the bill, the client will be paid . so plz taken necessary step as soon as possible

Best regards,

Engr. Muhammad Nurul Alam CROSS WORLD Power Ltd. | Manager- 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: 01755514716 | f: +880 2 5881 6205 | e: alam@cross-world.com | w: www.cross-world.com

 please consider the environment before printing this email.

From: Mahedi Alam Rana [<mailto:ranamahedi@gmail.com>]
Sent: Saturday, September 09, 2017 11:41 AM
To: alam@cross-world.com
Cc: naba@cross-world.com
Subject: 150 KVA Generator Commissioning materials confirmation.

Dear Alam Vai,

Good Day!!!

Please Supply & Install the below items as early as possible:

1. (1.4) Control Cable for Sensing.
2. (2.3) Earthing Block / Equipotential Bar.
3. (3) Exhaust System Full.
4. (5) Commissioning Materials Full.

S.M.Mahedi Alam

Sr. Engineer
Electrical Maintenance Dept.
Chittagong Club Ltd.

Cell: +88 01671 668 559

Email: ranamahedi@gmail.com, chittagongclub@gmail.com.

Customer Mail Confirmation

CROSS WORLD POWER LIMITED
BOQ OF 150 KVA GENERATOR

Client Name : CTG CLUB LTD

Address :- CTG

Date: 01-08-2017

Gen Model:

Engine Model :

Alternator Model :

SI No	Job Description	Tehcnical Details/ Brand	UoM	Qty	Unit Rate	Total Rate	Remarks
01	Electrical System:						
1.1	Power Cable (35 °C Ambient on air)	1C- 70rm NYY DG To ATS	Meter	24			
1.2		1C- 70rm NYY Mains To ATS	Meter	186			
1.3		1C- 70rm NYY ATS to Load	Meter	186			
1.4	Power Cable Lugs	70rm, Material -Copper , Surface-Electro Tinned	Pcs	26			
1.5	Control cable For Sensing	4 X 1.2 rm (40/0.19 mm) Flexible Cable	Meter (Appx)	16	110	1,760	
1.6	PVC Flexible Pipe	1" dia	Meter	7			
1.7	Royal Bolt	10/12 no.	Pcs	10			
1.8	PVC Tape	Adhesive Tape 04 color (R/Y/B/Black)	Pcs	8			
1.9	PIB Tape		Pc	1			
1.10	Cable Tie	L - 12"	Pack	3			
1.11	Circuit Breaker	300 A TP MCCB	Pcs	1			
1.12	Power cable laying	Laying, connection & termination	Meter	396	CLIENT		By client as site engineer confirmed
02	Generator Earthing :						
2.1	Earthing Boring	Earthing of electrical installation with 37 mm (1.5") dia G.I. pipe (earth electrode) having 6.35 mm dia holes across the dia at 305 mm interval securedly bonded with washer, nuts, bolts etc. sunk upto a depth of 100 ft to attain earth resistance <1 ohm including blind socket for water pouring facility. Boring: 100' & GI Pipe: 10'+10'	Job	1			
2.2	Earthing Copper Lead	Installation of solid copper wire earthing lead 2 SWG in 37 mm dia GI pipe & termination of connection at both end .	Meter (Appx)	36			
2.3	Earhting Block / Equipotential bar	Dimension 250mm X 30mm X 5mm with connection facility	Pc	1	3,250	3,250	
2.4	Earthing Cable	1 X 25 rm BYA (Green) from Earthing Copper bar to gen & equipment	Meter (appx)	10			
2.5	Earthing Cable lugs	25rm Material -Copper , Surface-Electro Tinned	Pcs	6			
3	Exhaust System:						
3.1	Exhaust Silencer straight Pipe	MS Pipe bore 100mm, thickness 3-4mm	Feet(Approx)	10	875	8,750	
3.2	Exhaust Bends /Elbow	Long radius 90 deg L bow MS pipe bore 100mm	Pcs	1	875	875	
3.3	Exhaust Flange	Welding neck flange 100 mm bore	Pcs	4	580	2,320	
3.4	Exhaust Heat Insulation	Insulation with Rockwool/ Glasswool (25mm) and 26 SWG aluminium sheet clading	Job	1	7,500	7,500	
3.5	Exhasut Fitting	Supports from ceiling by 37mmX37mm MS Angle, flat bar, royal bolt, nut bolt etc.	Job	1	6,500	6,500	
04	Cooling System:						
4.1	Radiator Ducting	Duct WXH - As per layout with 20/22 SWG MS sheet,Angle bar, flat bar support, Canvas cloth etc	Sq-ft	N/A			OPEN SPACE
5	Commissioning Material:						
5.1	Radiator coolant	Havoline Premixed Coolant	Liter	20	200	4,000	
5.2	Lube oil	SAE 15 W 40	Liter	20	420	8,400	
5.3	Battery electrolyte	Specific gravity 1.250	Liter	10	65	650	
6	DG Foundation	Dim- LxWxD- 12'-6" x 5'-0" x 0'-5" made with RCC	Job	1			By Client
Total (BDT) Excl VAT & AIT:						44,005	

Atacis
10/09/17

Approved : 44,000/-
Mail confirmatⁿ from Client's.
Sp. Mr. Akram, CTG