

Md. Al- Miraj

From: Md.Abusieed Sobuj <sobuj@cross-world.com>
Sent: Wednesday, March 13, 2019 4:11 PM
To: Md. Habibur Rahman Javed; Md. Al Miraj
Subject: FW: MRR for Revised Commissioning BOQ of Grameen Telecom Trust.
Attachments: Mechanical Installation Offer 26.02.19.pdf

Fyki.....

From: Nabbi Ferdous Rafi [mailto:rafi@cross-world.com]
Sent: Wednesday, March 13, 2019 12:17 PM
To: Md.Abusieed Sobuj
Cc: Sultan Sakauat Sarkar; ziaul islam; Md. Fahim Muntasir
Subject: FW: MRR for Revised Commissioning BOQ of Grameen Telecom Trust.

Dear Sobuj Vai,
Referred to below mail, please take necessary initiative to submit MRR for Mechanical installation material BOQ for Grameen Telecom Trust project.
Just contact with me for further query.

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: F.A.M. Munirujjaman Raju [mailto:munirujjaman.raju@gtctrust.com]
Sent: Tuesday, March 12, 2019 12:39 PM
To: 'Sultan Sakauat Sarkar' <sultan@cross-world.com>
Cc: jahir@gtctrust.com; asad@gtctrust.com; 'Ariful Islam' <ariful@cross-world.com>; 'ziaul islam' <zia@cross-world.com>; 'Harunor Rashid' <harunor@cross-world.com>; 'Nabbi Ferdous Rafi' <rafi@cross-world.com>
Subject: RE: Revised Commissioning BOQ of Grameen Telecom Trust.

Dear Mr. Sultan,

As discussed, please start installation work aggressively.

Best Regards,

F A M Munirujjaman Raju
Electrical Design Engineer
Project & Infrastructure Development



Grameen Telecom Trust
Building Social Business

Corporate Office :
House-132 (3rd-4th Floor)
Road-2, Block-A, Section-12
Pallabi, Mirpur, Dhaka-1216
Tel: 88 02 9034733 | 9034744
Fax: 88 02 9023916

Cell: +8801708497539

Email: munirujjaman.raju@gtctrust.com

facebook.com/gtctrust | twitter.com/GrameenTelTrust

Web : www.gtctrust.com/ | www.socialbusinesspedia.com/

From: Sultan Sakauat Sarkar [<mailto:sultan@cross-world.com>]

Sent: Monday, March 11, 2019 2:52 PM

To: munirujjaman.raju@gtctrust.com

Cc: jahir@gtctrust.com; Ariful Islam; ziaul islam; Harunor Rashid; Nabbi Ferdous Rafi

Subject: FW: Revised Commissioning BOQ of Grameen Telecom Trust.

Importance: High

Dear Sir,

As discussed with you, please find attached offer for further process.

We shall wait for your reply.

BR

Sultan Sakauat Sarkar | **CROSS WORLD POWER LTD** | Manager , MSD | House # 1/B, Road 90, Gulshan-02, Dhaka 1212, Bangladesh | p: +880 2 5881 1858, 989 1442 | f: +880 2 5881 5160 | m: +8801755514792 | e: sultan@cross-world.com | w: www.cross-world.com

From: Rafi Ferdous [<mailto:rafi@cross-world.com>]

Sent: Tuesday, February 26, 2019 2:02 PM

To: 'munirujjaman.raju@gtctrust.com' <munirujjaman.raju@gtctrust.com>

Cc: 'ziaul islam' <zia@cross-world.com>; 'Md. Habibur Rahman Javed' <habib@cross-world.com>; 'Md. Abusieed Sobuj' <sobuj@cross-world.com>; 'Maruf Ahmed' <maruf@cross-world.com>; 'Ariful Islam' <ariful@cross-world.com>; 'Harunor Rashid' <harunor@cross-world.com>; 'Sultan Sakauat Sarkar' <sultan@cross-world.com>

Subject: Revised Commissioning BOQ of Grameen Telecom Trust.

Dear Sir,

As discussed, have attached the Revised Commissioning BOQ of Grameen Telecom Bhaban, Mirpur 1, for your kind information.

Please feel free to contact with us for any further assistance 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: Sultan Sakauat Sarkar [<mailto:sultan@cross-world.com>]

Sent: Tuesday, November 20, 2018 7:03 PM

To: munirujjaman.raju@gtctrust.com; Nabbi Ferdous Rafi <rafi@cross-world.com>

Cc: asad@gtctrust.com; ziaul islam <zia@cross-world.com>; Md. Habibur Rahman Javed <habib@cross-world.com>; Md. Abusieed Sobuj <sobuj@cross-world.com>; Maruf Ahmed <maruf@cross-world.com>; Ariful Islam <ariful@cross-world.com>; Harunor Rashid <harunor@cross-world.com>

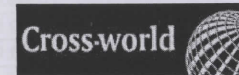
Subject: RE: Final Commissioning BOQ of Grameen Telecom Trust.

Importance: High

Dear Sir,

CROSS WORLD POWER LIMITED

BOQ OF 3X800kVA GENERATOR INSTALLATION (DG-1, 2, 3)



Client Name: GRAMEEN TELECOM

Address : MIRPUR

Date: 20.11.18

Gen Model:

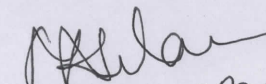
Engine Model :

Alternator Model :

SI No	Job Description	Technical Details/ Brand	Unit	Quantity	Unit Rate	Total Rate	Remarks
1	Electrical System:						
1.1	Power Cable	4x3x1C-300 rm NYY (DG-Feeder Panel)	Meter	421		-	Supply & Install by GTT Supervised by - CWPL
1.2	Power Cable Lugs	300 rm, Material -Copper , Surface-Electro Tinned	Pcs	78		-	
1.3	Control cable For Sensing	4X 1.2 rm (40/0.19 mm) Flexible Cable	Meter(Appx)	150	87.00	-	
1.4	Shield Cable	2 X 1.2 rm screened cable 120 ohm resistance	Meter (Appx)	70	230.00	-	
1.5	PVC Flexible Pipe	1.5" Ø (For Control & shield cable)	Meter (Appx)	75		-	Supply & Install by GTT Supervised by - CWPL
1.6	Royal Bolt	12 no	Pcs	24		-	
1.7	PVC Tape	Adhesive Tape 04 color (Red/ Yellow/ Black/ Blue)	Pcs	36		-	
1.8	PIB Tape		Pcs	9		-	
1.9	Cable Tie	L - 12"/14"	Pack	9		-	
1.10	Breaker Terminal Bar	2x(50x10)mm2 TPN	Meter	6		-	
1.11	Heat Shrink Tube	Red/Yellow/Blue/Black	Meter	12		-	
1.12	Power cable supply, laying, connection and termination	4x3x1C-300 rm NYY, Running Length L- 421Meter. 2x 1C-300mm2 BYA (Green), Running Length, L- 30Meter	Meter Meter	421 421		- -	
2	Earthing System:						
2.1	Earthing Boring	1 Nos. For 120 feet	Job	6	6,500.00	39,000.00	
2.2	GI Pipe (Boring)	38mm dia	Meter	39	483.37	18,851.37	
2.3	GI Pipe (Termination)	20mm dia	Meter	48	207.16	9,943.58	
2.4	Earthing Copper Lead (Boring)	2 SWG	Meter	240	365.00	87,600.00	
2.8	Earth Inspection Pit	L X W X D- 600x600x600 mm with 10" Brick wall, 100mm thick RCC slab with 400mm CI manhole	Nos.	6	N/A	N/A	
2.4	Earthing Block / Equipotential bar	Dimension LXWXD - 300mm X 80mm X 10mm with connection facility, isolator, royal bolt etc	Pc	6	4,110.00	24,660.00	Supply & Install By - GTT Commission by - CWPL
2.5	Earthing Cable	2x 1C-300mm2 BYA (Green) from Earthing Copper bar to gen & equipment	Meter	30		-	
2.6	Earth cable lugs	300 rm, Material -Copper , Surface-Electro Tinned	Pcs	30		-	
					TOTAL A:	180,054.95	

3	Exhaust System:						
3.1	Exhaust Silencer Pipe	MS Pipe bore 152 mm , thickness 4 mm	Meter	6	3,936.00	23,616.00	CWPL SCOPE UPON CONFIRMATION OF WORK ORDER
		MS Pipe bore 300 mm , thickness 4 mm	Meter	60	6,779.00	406,740.00	
3.2	Exhaust Bends/Elbow	Long radius 90 deg L bow dia 152 mm Bore	Pcs	6	1,447.00	8,682.00	
3.3	Exhaust Bends/Elbow	Long radius 45 deg L bow dia 300 mm Bore	Pcs	2	6,579.00	13,158.00	
		Long radius 90 deg L bow dia 300 mm Bore	Pcs	1	7,237.00	7,237.00	
3.3	Exhaust flange	Welding neck flange 152 mm Bore	Pcs	12	855.00	10,260.00	
		Welding neck flange 300 mm Bore	Pcs	12	2,632.00	31,584.00	
4.2	Exhaust Common Duct for DG1, DG2, DG3 with Fittings	W X H- 2' 10" X 2' 10" Vertical Height- 160 ft(Approx.) Made With 14 SWG MS sheet, Angle bar, flat bar, MS C Channel support,Iron mesh etc.	Sq-ft (Approx.)	1811	660.00	1,195,260.00	
3.4	Exhaust Heat Insulation	Insulation of 152mm exhaust silencer pipe with Rockwool (50mm thickness) & 26 SWG Aluminum sheet cladding.	Meter	6	1,079.00	38,844.00	
		Insulation of 300mm exhaust silencer pipe with Rockwool (50mm thickness) & 26 SWG Aluminum sheet cladding.	Meter	60	2,374.00	142,440.00	
4.3		Exhaust Common Duct as per design (Semi circular shape) for DG1, DG2, DG3 Heat Insulation of exhaust common duct with Rockwool (50mm thickness) & 26 SWG Aluminium sheet clading. Dim. W X D - 2' 10" X 2' 10" Vertical Height- 160 ft(Approx.).	Sq-ft (Approx.)	1811	80.00	144,880.00	
3.5		Residential Type Silencer Box Insulation	Job	3	35,000.00	105,000.00	
3.6	Exhaust Pipe Fitting with Hanger , brackets etc.	For 152mm pipe all bracket , support made with MS angle 50X50X5 mm, nut bolt, royal bolt etc. (inside room)	Meter	6	863.00	5,178.00	
		For 300mm pipe all bracket , support made with MS angle 50X50X5 mm, nut bolt, royal bolt etc. (inside room)	Meter	60	1,942.00	116,520.00	
					TOTAL B:	2,249,399.00	
4	Cooling Systems:						
4.1	Radiator Duct	WXH- 7' X 7'; L- 2'; Made With 20 SWG MS sheet,Angle bar, flat bar support,Canvas cloth, Iron mesh etc.	Sq-ft (Approx.)	168	267.00	44,856.00	CWPL SCOPE UPON CONFIRMATION OF WORK ORDER
4.4	Fresh Air Inlet Duct for DG-2	WXH- 8' X 4'; L- 50'; Made With 20 SWG MS sheet,Angle bar, flat bar support,Canvas cloth, Iron mesh etc.	Sq-ft (Approx.)	1200	267.00	320,400.00	
5	Commissioning Material:						
5.1	Radiator Coolant	Havoline Premix Coolant	Liter	360	86.00	30,960.00	CWPL SCOPE UPON CONFIRMATION OF WORK ORDER
5.2	Lube oil	SAE 15 W 40	Liter	360	400.00	144,000.00	
5.3	Battery electrolyte	Specific gravity 1250	Liter	180	66.00	11,880.00	
					TOTAL C:	552,096.00	

TOTAL (A+B+C): 2,981,549.95
Special Discount: 298,154.99
TOTAL: 2,683,394.95 (Excluding VAT & AIT)


 13.03.13