

SCL - Cox Bazar - WO

Habibur Rahman

From: Ashim Kumar Roy <ashim.roy@summitcommunications.net>
Sent: Sunday, April 23, 2017 10:42 AM
To: 'Ariful Islam'
Cc: iftekhar@cross-world.com; 'Habibur Rahman Javed';
rubel.khan@summitcommunications.net; moazzem@cross-world.com; 'Ashok
Kumar'; 'Kowshik Mushfiqur Rahman'
Subject: RE: Request for approval for Installation Materials
Categories: Green Category

Dear Concern,

We are using 35 mm power cable for the ATS connection, so please arrange 35 mm cable lugs instead of 50 mm. As for other non-approved materials regarding exhaust system please go ahead to arrange them at your earliest.

Looking forward to your co-operation for the same.


Thanks & Regards
Ashim Roy

From: Ariful Islam [mailto:ariful@cross-world.com]
Sent: Sunday, April 23, 2017 10:14 AM
To: ashim.roy@summitcommunications.net
Cc: iftekhar@cross-world.com; 'Habibur Rahman Javed'; rubel.khan@summitcommunications.net; moazzem@cross-world.com
Subject: Request for approval for Installation Materials

Dear Concern ,
Please find attached file & provide me approval on Blue marked item (as it is not mentioned in earlier PO) . After your approval we will take next steps regarding installation of genset .

BR

Ariful Islam | CROSS WORLD POWER LTD | Manager , Sales | House 6, Road 92, Gulshan - 2, Dhaka 1212, Bangladesh | p: +880 2 5881 1858, 989 1442 | f: +880 2 5881 5160 | m: +8801755-514731, 01917-702 131 | e: ariful@cross-world.com | w: www.cross-world.com

 please consider the environment before printing this email

PURCHASE ORDER

Supplier Name: Cross World Power Ltd. House: 6, Road: 92, Gulshan - 2, Dhaka 1212. Contact Person : Mr. Ariful Islam Contact No: 01755514731	Purchase Order No. : SCL/CrossWorld/20160816/630 PO Date: 16-Aug-16 PR No: P&P/07082016/43 User Name: M. Alimuzzaman (01670490505) User Dept: Power & Project
Invoice Address: Summit Communications Ltd. Summit Centre, 10 Karwanbazar, Dhaka. 1215 Contact Person : Arifin Haque Contact No: 01711556222	Please deliver to: Summit Communications Ltd. Delivery : SCL POP office, all over Bangladesh Delivery Date: 15-Sep-16 Partial Delivery: Allowed

SL	ITEM DESCRIPTION	QTY	UOM	UNIT PRICE (BDT)	TOTAL PRICE (BDT)
1	Cable lugs : 35 mm	200	Pcs.	23	4,513
2	Shaddle for flexible pipe: 3" (local)	400	Pcs.	20	7,942
3	PVC pipe (flexible): 3"	600	mtr.	135	81,225
4	UPVC Pipe : 2"	200	mtr.	352	70,395
5	Royal Plug: length 1.5"	50	Pkt.	131	6,543
6	Screw: length 1.5"	600	Pcs.	11	6,498
7	Electrical Tape: Red+Yellow+Blue+Black	60	Pcs.	27	1,625
8	PIB tape: As per telco standard	10	Pcs.	388	3,881
9	Royal bolt : 10 pcs in 1 set	200	Pcs.	27	5,415
10	Cable Tie: 6"	25	Pkt.	149	3,723
11	Cable Tie: 8"	25	Pkt.	153	3,836
12	Exhaust Silencer straight pipe: MS Pipe bore 3" , thickness 3-4mm	300	feet	469	140,790
13	Exhaust Bends/ Elbow: Long radius 90 deg Elbow	30	pcs	528	15,839
14	Exhaust socket: Threaded 3" dia MS Socket	25	Pcs.	411	10,266
15	Earthing equipotential bar: Dimension (l x w x d) - 250mm x 20mm x 5mm or equivalent with connection facility	12	pcs	2,256	27,075
16	Exhasut Fitting: All bracket, support must be made with MS angle 50X50X 4, 5 & 6 MM	12	Job	1,354	16,245
17	Radiator Ducting supply and installation: As per layout with 20/22 SWG MS sheet, Angle bar, flat bar support, Canvas cloth, Iron mesh etc	1000	Sq-ft	235	234,650
18	Power cable laying execution work: 4x35 mm and 4x2.5 mm cable laying work	300	Meter	45	13,538
19	Exhaust Heat Insulation: Insulation Of Pipe with Rockwool/Glasswool (25.4mm min thickness) along with 26SWG Aluminium sheet cladding	12	Job	1,354	16,245
20	Civil Works for Exhasut Fan Fitting: As per telco standard	5	Job	2,256	11,281
Total Amount (Including all related Taxes & charges; if any):					681,523

In word(BDT): BDT Six Lac Eighty One Thousand Five Hundred and Twenty Three Only.

Terms & Conditions:

1. GENERAL:

- All ordered goods shall be delivered and/or rendered by the supplier strictly as per approved specifications and the entire work/job must be completed by the Supplier within the delivery date as mentioned in this PO;
- Defective works and /or items will be rejected, rejected items must be replaced by the supplier within the time to be specified by the purchaser and for such cases entire cost shall be borne by the supplier.

2. WORK COMPLETION TIME:

The above delivery and installation work must be completed by the Supplier within above delivery date.

3. PAYMENT TERMS:

100% payment will be made at actual basis within 30 days after successful delivery and installation work and submission of correct invoice. Applicable taxes will be deducted at source as per BD Govt. rules.

4. LD CLAUSE:

The goods & services are to be delivered at the place specified above within above mentioned delivery date, failure of which liquidated damage @ 2% per day subject to a maximum ceiling of 10% of the total PO value shall be levied.

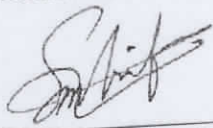
5. CONFIRMATION OF ACCEPTANCE:

- i. The supplier shall have to confirm the acceptance of this Purchase Order by signing in the specified space of the PO;
- ii. The accepted copy of the Purchase Order must be sent to Summit Communication Limited through hand delivery.

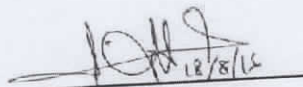
6. OTHERS:

- i) Received Chalan/Dispatch note/Completion Certificate must be attached with the bill. Along with the final bill, the Supplier must have to submit MUSOK 11;
- ii) Any change in schedule will have to be notified to the management through a written application referring to this PO;
- iii) SCL has the right to cancel/withhold PO/ payment without showing any whatsoever reason to the vendor.

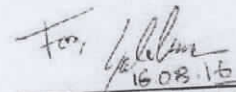
For Summit Communications Ltd.



Shah Md. Asif Mahmud
Asst. Manager, SCM



Arifin Haque
Manager, SCM



Md. Humayun Kabir Mollah
Sr. Manager, SCM

CROSS WORLD POWER LIMITED

BOQ OF 1X100KVA GENERATOR INSTALLATION



Client Name : Summit Communications Ltd.

Address : Cox's Bazar

Date: 09.03.2017

Gen Model:

Engine Model :

Alternator Model :

SI No	Job Description	Tehcnical Details/ Brand	SOS	Unit	Quantity	Unit Rate	Total Rate	Remarks
1	ELECTRICAL INSTALLATION							
1.1	Generator Power Cable (35 °C Ambient on air)	1CX35rm NYY DG to ATS 1CX35rm NYY LT to ATS 1CX35rm NYY ATS to Load	SCL SCL SCL	Meter(Approx)	N/A			As per client, they will manage these arrangements. As per client, ATS Position will be in DG Room.
1.2	Control cable For Sensing	4 X 1.2 rm (40/0.19 mm) Flexible Cable (Length- 2X DG to ATS)	SCL					
1.3	PVC Flexible Pipe	φ3"	SCL					
1.4	Saddle for flexible pipe	φ3"	SCL			Pcs		
1.5	Royal Plug and Screw	1.5"	SCL			Pack		
1.6	Power Cable Lugs	35 rm , Material -Copper , Surface-Electro Tinned	CWPL	Pcs	26	23	598	Not in WO
1.7	Royal Bolts	10 No.	CWPL	Pcs	10	27	270	AS per WO
1.8	PVC Tape	Adhesive Tape 04 color (Red/Yellow/Black/Blue)	CWPL	Pcs	8	27	216	AS per WO
1.9	PIB Tape		CWPL	Pcs	1	388	388	AS per WO
1.10	Cable Tie	L - 8 " /10"	CWPL	Pack	2	153	306	AS per WO
2	GENERATOR EARTHING SYSTEM							
2.1	Earthing Boring	Earthing of electrical installation with 38.1 mm (1.5") dia G.I. pipe throughly (2swg earth electrode) having 6.35 mm dia holes across dia at 305 mm interval securedly bonded with washer, nuts, bolts etc. sunk upto a depth of 100 ft with GI pipe to attain earth ressisstance <1 ohm including blind socket for water pouring facility.	SCL	Job	1			Taking boring location south side of the building.
2.2	Earthing Copper Lead	Installation of solid cooper wire earthing lead 2SWG in 38.1 mm dia GI pipe & termination of connection at both end .	SCL	Meter(Approx)	37			Qty. depends upon the boring location.
2.3	Earthing Cable	1 X 16rm BYA(Green) from Earthing Copper bar to gen & equipment	SCL	Meter(Approx)	30			
2.4	Earhting Block	Dimension LXWXD - 20mm X 5mm or equivalent with connection facility	CWPL	Pc	1	2,256	2,256	AS per WO
2.5	Earth cable lugs	16 rm ,Material -Copper , Surface-Electro Tinned	CWPL	Pcs	5	20	100	Not in WO
3	EXHAUST SYSTEM							
3.1	Exhaust Silencer straight Pipe	MS Pipe bore 3" , thickness 3~4mm MS Pipe bore 5" , thickness 3~4mm	CWPL CWPL	Feet(Approx)	20 45	469 1,000	9,380 45,000	Qty. may change upon the exhaust fume discharge point. 5" pipe Not in WO
3.2	Exhaust Bends /Elbow	Long radius 90 deg L bow bore 3" ,thickness 3~4mm Long radius 90 deg L bow bore 5" ,thickness 3~4mm	CWPL CWPL	Pcs Pcs	3 3	528 1,125	1,584 3,375	AS per WO Not in WO
3.3	Exhaust Welding Socket	MS, Bore 3" MS, Bore 5"	CWPL CWPL	Pcs Pcs	3 3	411 650	1,233 1,950	AS per WO Not in WO
3.4	Exhaust Heat Insulation	Insulation Of Pipe with Rockwool/Glasswool (25.4mm min thickness) along with 26SWG Aluminium sheet clading.	CWPL	Job	1	13,000	13,000	Not cover with WO rate
3.5	Exhasut Fitting	All bracket , support must be made with MS angle 50X50X 4, 5 & 6 MM with necessary fixings.	CWPL	Job	1	12,500	12,500	Not cover with WO rate
4	COMMISSIONING MATERIAL							
4.1	Radiator Premix Coolant	Havoline	CWPL	Liter	20	-	-	Free
4.2	Lube oil	SAE 15 W 40	CWPL	Liter	10	-	-	Free
4.3	Battery electrolyte	Specific gravity 1250	CWPL	Liter	10	-	-	Free
5	On Site Delivery							
5.1	Loading /Unloading/Lifting	Generator dry weight-1250Kg	CWPL	Job	1	-	-	DG will be placed at basement.
6	CIVIL WORKS:							
6.1	DG Base construction/Modification	Proposed DG Base Dimension (LXW)ft- (11.5X5.5)ft, Depth, D-11Inch CC with NCF.	SCL	Job	1	-	-	SCL will do.
Total (BDT) Excl Vat & Ait:							92,156	

23/- for 35rm

1354/- as per WO

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