

Date: 29-12-2020

Cross-World Power Ltd.

Plot # 1/B, Road # 90,
Gulshan-2, Dhaka-1212.
Tel : 8811858, 8816528, 9891442
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info@cross-world.com

Attention: A N M Nasimunnabi
Senior Manager, Cross-world

Subject: Work Order for supply, Installation, Testing & commissioning of Busbar Trunking System (BBT) for the project "Aakash Avenue" Located at "Plot # 12, Kamal Ataturk Avenue, Gulshan-2, Dhaka -1212.

Dear Sir,

With reference to your revised quotation dated 24th December, 2020, Ref: CWPL/BBT-20/066 and subsequent discussion with you, we are pleased to issue this work order of **Busbar Trunking System (BBT)** for the project "Aakash Avenue" Located at "Plot # 12, Kamal Ataturk Avenue, Gulshan-2, Dhaka -1212, for the above work under following price, technical specifications & terms & conditions. (Attached Quotation Ref: CWPL/BBT-20/066, dated 24th December, 2020 is an integral part of this work order.)

SPECIFICATION OF BUSBAR TRUNKING SYSTEM:

Low impedance, low reactance, factory assembled, type tested, totally enclosed, non-ventilated
Contacts of plug-in tap off box shall be plated by Silver bus way system conforming to following data:

Brand	: EAE
Origin	: Turkey
Standard	: IEC 61439-6 & EN 60439-2
	KEMA/DEKRA, UL, Siesmic Tested ISO 9001
Rated insulation voltage	: 1000V
Max. Rated Operating voltage	: 1000V
Frequency	: 50Hz
Max. ambient temperature	: 40° Deg.C
Degree of protection	: IP 55
Colour	: Approved Colour (as IEC)
Rated current	: 1250A~630A
No of live conductors	: TPN+1/2E+PE
Neutral	: 100%
Earthing	: 50% Conductor + 50% Enclosure
Busbar Material	: AL Conductors are
Conductors Insulation	: Epoxy Coated +Mylar (Class-B, 130 deg C)
Special features	: Single bolt clamping & sandwich principle
Enclosure Material	: Aluminium (4000A~630A), Galvanized steel(600A~25A)
Circuit Breaker	: ABB brand, Italy

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Aakash Developments Ltd.
(a concern of aakash group)

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S/L	PRODUCT DESCRIPTION	Quantity	Unit
	BBT-1: 1250A TPN+1/2E+PE,4.5W,IP-55, FEEDER BBT (TRANSFORMER To LT PANEL)		
1	KXA-II 12504-B-TR31 1250 A-BOLT-ON-TRANSFORMER CONNECTION-4.5W	01	Pc
2	KXA-II 12504-B-P10 1250 A-BOLT-ON-PANEL CONNECTION-4.5W	01	Pc
3	KXA-II 12504-B-U 1250 A-BOLT-ON-UPWARDS ELBOW-4.5W	03	Pc
4	KXA-II 12504-B-X 1250 A-BOLT-ON-SPECIAL LENGTH-4.5W	06	M
5	HORIZONTAL FIXING HANGER & CONNECTING BUSBER WITH ALL REQUIRE ACCESSORIES FOR FITTING & FIXING OF OF BUSBAR SYSTEM	01	Lot
	BBT-2: 1000A TPN+1/2E+PE,4.5W,IP-55, RISER FROM BASEMENT -01 TO LIFE M/C ROOM		
1	KXA-II 10504-B-P11 1000 A-BOLT-ON-PANEL CONNECTION-4.5W	01	M
2	KXA-II 10504-B-L 1000 A-BOLT-ON-LEFT ELBOW-4.5W	02	Pc
3	KXA-II 10504-B-D 1000 A-BOLT-ON-DOWNWARDS ELBOW-4.5W	02	Pc
4	KXA-II 10504-B-X 1000 A-BOLT-ON-SPECIAL LENGTH-4.5W	06	M
5	KXA-II 10504-P-STD 1000 A-PLUG-IN-STANDARD LENGTH-4.5W	09	Pc
6	KXA-II 10504-P-X 1000 A-PLUG-IN-SPECIAL LENGTH-4.5W	16.50	Pc
7	KXA-II 10504-B-DDT 1000 A-BOLT-ON-VERTICAL EXPANSION-4.5W (X-750 mm)	10	Pc
8	KXA-II 10504-B-R06 1000 A-BOLT-ON-REDUCTION-4.5W	01	Pc
9	KXA-II 06504-B-X 630 A-BOLT-ON-SPECIAL LENGTH-4.5W	27	M
10	KXA-II 06504-B-DDT 630 A-BOLT-ON-VERTICAL EXPANSION-4.5W(X-750 mm)	9	Pc
11	KX 065A/085C END CLOSER	1	Pc
12	KXP 1650 PLUG-IN-TAP-OFF BOX-160A-EMPTY-SUITABLE FOR 3P MCCB-5W (Equipped with ABB MCCB, XT1N 100, TMD, In=100A_1SDA067418R1)	18	Pc
13	KXP 1650 PLUG-IN-TAP-OFF BOX-160A-EMPTY-SUITABLE FOR 3P MCCB-5W (Equipped with ABB MCCB, XT1N 160, TMD, In=160A_1SDA067418R1)	1	Pc
14	KXP 2551-250 A-PLUG-IN-TAP-OFF BOX-EMPTY-3P-SUITABLE FOR MCCB-5W (Equipped with ABB MCCB, XT3N 250, TMD, In=250A_1SDA068059R1)	1	Pc
	Total Amount of Tk. :		28,00,000.00
	AIT :		86,597.00
	Grand Total Amount :		28,86,597.00

In word: Taka Twenty Eight Lac Eighty Six Thousand Five Hundred Ninety Seven Only.

Terms & Condition:

1) Material: All goods and services are to be supplied according to the descriptions/specifications given in the price & technical offer. All Circuit breakers must have to be Brand: ABB, Origin: Made in Italy (ABB china or any other country will not be accepted). Supplier will provide the all proven documents of imported item such as origin of circuit breaker. Shipping documents of port, L/C documents, Bill of lading etc.

The materials for the work are to be checked by the **Project in Charge**, if any unspecified materials are found at site, the same will be rejected by the Project in Charge of the project and **Cross-world Power Ltd.** will be bound to pay the compulsion loss as per client demand. Rejected materials shall have to be replaced by the Supplier at his own cost.

N.B: Supplier must take the practical measurement according to present condition of building. If any item/goods are found less than actual measurement (which require) for fitting & fixing of BBT, supplier will liable for it.

2) Delivery: 120 days from the date of acceptance of this work order and realization of advance payment & drawing approval.

3) Challan: Challan in triplicate shall be submitted at the time of delivery of materials. One copy will be returned after acknowledgement of receipt of materials and the company will retain other copies.

4) Installation and Commissioning: All related installation works to be carried out by the supplier within 30 days from the date of delivery of equipment's at site. The supplier shall be solely responsible to engage sufficient nos. of skilled Engineer & skilled technician to meet the time schedule. Aakash Developments Limited is responsible for any types of civil and structural works. However, supplier shall provide support where necessary.

5) **Warranty & After sales service** : 18 month from the date of supply or 1 year from the date of commissioning which occurs earlier and 1 years free after sales service from the date of commissioning (for all components & spare parts).

6) **Transit Risk**: The supplier will bear full responsibility for carrying of materials and all costs expenses Such as loading, unloading and transportation at mentioned site. Any damage of the goods in transition will be Supplier's responsibility.

7) **Termination**: Aakash Developments Limited, reserves the right to cancel the work order if the supplier failed to execute the contract within the stipulated time frame and as per specifications. If the supplier fails to meet the above terms and conditions Aakash Developments Limited has every right to impose penalty against sole discretionary power of Aakash Developments Limited management.

8) The Supplier shall be co-operative in all respect with other Suppliers working in the field. It is understood that the work will have to be carried out simultaneously with other Supplier within the same campus.

9) The prices are fixed for the work and there shall be no escalation in rate on account of increase in the prices of material or other incidental charges.

Work Schedule:

Days	Description of works	Remarks
Day - 1 (29-12-2020)	Work-order with advance payment	
Day - 7 (05-01-2021)	Design and Drawing Approval	
Day - 15 (13-01-2021)	Opening L/C by Cross-world for imported items	
Day - 120 (28-04-2021)	Material delivery at site from work order and realization of advance payment & drawing approval	
Day - 150 (28-05-2021)	BBT Installation completion	

Work schedule must be follow strictly, if supplier fails to execute the work within mentioned time schedule, Aakash Developments Limited has every right to impose penalty against every day delay charge.

Mode of Payment:

Payment shall be made by account payee cheque in four installments as follows:

1st installment : 20% will be paid at the time of issuing work order.

2nd installment : 30% will be paid before delivery the materials.

3rd installment : 40% will be paid after installation (within 7 days).

4th installment : 10% will be paid after final HT connection (within 30 days).

N.B: AIT will deduct as per government rule.

If the **Price, Specification, Terms & Conditions & Mode of Payment** is acceptable to you then you are requested to sign in acceptance of the said work order and thus acknowledge receipt to confirm us for further action.

Aakash Developments Ltd.

Cross-world Power Ltd.

Sukriti M. 29.12.2020.
Sukriti Mukherjee
General Manager

Engr. Md. Harunor Rashid
Chief Operating Officer