

Ref : CWPL/SS/SD/290921-01
Dated: 29.09.2021

To
Managing Director
Star Delta

FINANCIAL OFFER

Sub : Offer for supply, installation, testing & commissioning of ATS/LT Panel & 600 KVAR PFI

SL #	Descriptions	Qty	Unit	Unit price in Taka	Total price in Taka
1	ATS /LT SWITCHGEAR PANEL	1	Set	1,720,000.00	1,720,000.00
2	600KVAR AUTO/MANUAL PFI PLANT	1	Set	560,000.00	560,000.00
3	Delivery & Installation	1	Job	40,000	40,000.00
Grand Total Price in Taka Excluding VAT & AIT					2,320,000.00

17,10,000.00
23,10,000.00

Terms & Conditions :

- Validity : Our offer will remain valid for a period of 40 days from the date of this offer.
- Delivery : Within ¹⁵90 days after receipt of confirmed order & payment as per clause # 3.
- Payment : 50% as advance along with order & remaining
40% before delivery at the site.
10% after commissioning
- Warranty : One year after commissioning or one & half year from the date of delivery which come earlier.

Thanking you.
Yours Very Trully

Md. Didar Hossain
Engineer, Sales
Cell: 01708-483861
Cross-World Power Limited

Advance: Tk 10,00,000/- (Taka Ten lac)





TECHNICAL SPECIFICATION

	Unit	Qty
1 ATS /LT SWITCHGEAR PANEL	Set	1

Sheet steel clad powder coated (14 & 16SWG), dust and vermin proof, free standing, floor mounting, 415V, 50 Hz, Indoor Type LT Switchgear Panel with 2000A Hard Drawn Cu Busbar.

Set of components required for the manufacture of LT Switchgear Panel comprising:-

INCOMING

1600A, 100KA, 4P withdrawable ACB with closing solenoid and store -energy spring charged operating mechanism and solid state microprocessor controlled adjustable thermal overload and short-circuit releases with following accessories:

1 X Auxilliary Contact		
1 X Closing Coil	Pcs	1
1 X Gear motor for spring charge		
1 X Under Voltage Release.		
Brand: Schneider Electric		
1600/5A Current Transformer 10/5VA, Class-1. cast resin -	Pcs	6
Earth Leakage Relay with CBCT, 1-8A, Flush mounting Aux supply 230v , Selec-900ELR-2	Pcs	1
Digital Multi function meter, VAF39A-1 -Selec	Pcs	1
8 Window annunciator 24V DC supply Brand : Selec	Pcs	1
Surge protection device 380V AC , ABB - 1.4 kV	Pcs	1
kWh meter,, EM-306A -Selec	Pcs	1
Phase indicating Lamp.	Pcs	3
ON , OFF, TRIP Lamp.	Pcs	3
ON, OFF, PUSH BUTTON.	Pcs	2
1x2A,SP MCB for the protection of control circuit., Hyundai	Pcs	1
1x6A,TP MCB for the protection of control circuit., Hyundai	Pcs	3

DG INCOMER

1200A, 65KA, 4P withdrawable ACB with closing solenoid and store -energy spring charged operating mechanism and solid state microprocessor controlled adjustable thermal overload and short-circuit releases with following accessories:

1 X Auxilliary Contact		
1 X Closing Coil	Pcs	0
1 X Gear motor for spring charge		
1 X Under Voltage Release. for 625KVA Generator.		
Brand: Schneider Electric; Model No: (NW12H14D5)		
1000/5A Current Transformer 10/5VA, Class-1.	Pcs	6
Digital Multi function meter, VAF39A-1 -Selec	Pcs	1
Surge protection device 380V AC , ABB - 1.4 kV	Pcs	1
kWh meter,, EM-306A -Selec	Pcs	1
8 Window annunciator 24V DC supply Brand : Selec	Pcs	1
Earth Leakage Relay with CBCT, 1-8A, Flush mounting Aux supply 230v , Selec-900ELR-2	Pcs	1
Battery charger 20A 230VAC I/p & 24v DC O/p;Local	Pcs	1
Phase indicating Lamp.	Pcs	3
ON , OFF, TRIP Lamp.	Pcs	3
ON, OFF, PUSH BUTTON.	Pcs	2
1x2A,SP MCB for the protection of control circuit., Hyundai	Pcs	1
1x6A,TP MCB for the protection of control circuit.	Pcs	3
Electrical Interlock	Set	1

OUTGOING :

400A,TP,36KA,415V,50Hz, MCCB having adjustable overcurrent & magnetic short circuit protection.	Pcs	13
1000A,TP,50 KA,415V,50Hz, MCCB having adjustable overcurrent & magnetic short circuit protection	Pcs	1
320A,TP,36KA,415V,50Hz, MCCB having adjustable overcurrent & magnetic short circuit protection.	Pcs	1
200A,TP, 36 KA,415V,50Hz, MCCB having adjustable overcurrent & magnetic short circuit protection.	Pcs	1



50A,TP, 18 KA,415V,50Hz, MCCB having adjustable overcurrent & magnetic short circuit protection.	Pcs	1
32A,TP, 18 KA,415V,50Hz, MCCB having adjustable overcurrent & magnetic short circuit protection. (For Space-2)	Pcs	0

BUSBAR Details

2000A TPN Common Busbar

1000A Earthing Busbar

1x1600A TP Terminal Busbar

1x1200A TP Terminal Busbar

1x1000A TP Terminal Busbar

13x400A TP Terminal Busbar

1x320A TP Terminal Busbar

1x200A TP Terminal Busbar

ENCLOSURE As Standard.

Connection Accessories

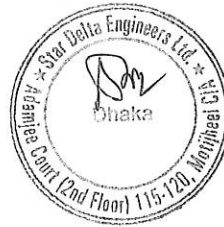
8" Fan+Louver with Filter+Temperature Sensor

BREAKER BRAND:

MCCB:ABB, Italy

BREAKER BRAND:

1600A & 1200A-Schneider Electric



2 600KVAR AUTO/MANUAL PFI PLANT

Nos 1

Sheet steel clad powder coated (14 & 16SWG), dust and vermin proof, free standing, floor mounting, 415V, 50 Hz, Indoor type PFI Panel with 1000A Hard Drawn Cu Busbar.

Set of components required for the manufacture of PFI Panel comprising :-

The panel comprising of :

3x100(25X4)kVAR,415V,50 Hz, 3 Phase, normal duty type, self healing compact PF capacitors bank.	Nos.	12
4x50(25X2)kVAR,415V,50 Hz, 3 Phase, normal duty type, self healing compact PF capacitors bank.	Nos.	8
3X25(25X1)kVAR,415V,50 Hz, 3 Phase, normal duty type, self healing compact PF capacitors bank .	Nos.	3
1X12.5 KVAR, 415V, 50 Hz, 3 Phase, dry type, self healing compact PF capacitors bank .	Nos	1
1X7.5 (1X5+1x2.5 KVAR), 415V, 50 Hz, 3 Phase, dry type, self healing compact PF capacitors bank .	Nos	1
1X5(1x5)KVAR, 415V, 50 Hz, 3 Phase, dry type, self healing compact PF capacitors bank . (Fixed)	Nos	1
100A,AC3 Magnetic Contactor.	Nos	10
65A,AC3 Magnetic Contactor.	Nos	3
32A,AC3 Magnetic Contactor.	Nos	1
12A AC3 Magnetic Contactor for 5 Kvar capacitor.	Nos	1
9A AC3 Magnetic Contactor for 2.5 Kvar capacitor.	Nos	1
100A,TP, MCCB	Nos	10
63A,TP, MCCB	Nos	3
32A,TP, MCB	Nos	1
16A,TP, MCB	Nos	2
10A,TP, MCB	Nos	1
Other	Set	1
Indicating lamp	Nos	12
Auto/Manual Selector Switch	Nos	1
On/Off Push Button	Nos	24
10A TP MCB	Nos	1
2A SP MCB	Nos	12
12 Steps reactive power regulator which performs the switching of capacitor bank in automatic power factor correction equipments depending on charges of reactive power complete with p.f.luminescent indicators & digital power factor meter	Set	1
1500A TP Common Busbar		
Enclosure As Standard.		

Brand

Capacitor Bank: AENER, EU.

Magnetic Contactor : DONGA ,KOREA

Circuit Breaker Brand : ABB, Italy

12 Steps Reactive Power Regulator : MICRO, Malaysia.



Shipan Barua

To: Didar Hossain; 'Md. Habibur Rahman Javed'
Cc: 'Md. Shamsul Alam'; 'Harunor Rashid'; 'Sultan Sakauat Sarkar'
Subject: RE: Work Order for Supply, Installation, Testing & Commissioning of ATS-LT panel and 600VAR PFI plant.

From: star delta [<mailto:sdeltaengineers@gmail.com>]

Sent: Saturday, November 06, 2021 5:09 PM

To: didar

Subject: Re: Work Order for Supply, Installation, Testing & Commissioning of ATS-LT panel and 600VAR PFI plant.

Dear Mr. Didar,

As discussed, you are responsible for entry of material in CEPZ and accordingly prepare VAT challan with necessary documents.

Regards
Nibas das

On Sat, Sep 25, 2021 at 11:27 AM star delta <sdeltaengineers@gmail.com> wrote:

Dear Mr. Didar,

Please find the attached work order and do the needful accordingly.

Regards
Nibas Das



This email has been checked for viruses by AVG antivirus software.
www.avg.com