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Ref: OD/PB/WO/US/2021/01 Date: February 23, 2021 PIP Reference: NA PIP Date: NA CS Status: NA PIP Status: NA

M/S. Cross-World Power Limited Plot 1/B, Road 90 Gulshan 2, Dhaka 1212 Reference: CWPL/DB/ULL/20211207 Dated: 17.01.2021

Phone: +880 1755 514703 mail: moshiur@cross-world.com

Subject: <u>Work Order for Supply, Installation, Testing & Commissioning of Complete</u>
<u>Distribution panel.</u>

Dear Concern.

With reference to your offer (reference CWPL/DB/ULL/20211207 dated 17.01.2021) and subsequent negotiation & discussion with you, we are pleased to issue work order in favor of you to carry out the following works under the term & condition listed below.

M/S Cross-World Power Limited to be read as "Contractor" & Unitex Spinning Limited to be read as "Owner".

Terms & Conditions:

- 1. That contractor has agreed to carry out all the works at mutually agreed rate as mentioned in **Annexure 1.**
- Unitex shall monitor the progress of work and depending on it the work quantity mentioned in the work order may increase or decrease.
- 3. That contractor has visited the site and got acquainted with the site constraints and satisfied of the appropriate technology to be adopted in the prevailing situations.
- 4. That all equipment's or materials when brought to site by contractor shall be deemed to be exclusively intended for the work and shall not be removed or taken out of site without written consent of the Owner authority.

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- 5. That safety of Contractor worker during execution is entirely contractor's responsibility. Contractor agrees to take adequate measures against damage, injuries and/or deaths of contractor workers at site and appropriate measures for the same and remain bound to compensate for such occurrence.
- 6. Contractor shall bear total responsibility of taking precautionary measures for protection of property of the company. Any Damage done by contractor or contractor's employee to equipment during execution of the job under this assignment must be rectified at contractor expense and disruption of project work caused by such damage shall be adequately compensated by contractor.
- 7. Contractor must maintain strict checks against theft, pilferage, mishandling of materials supplied free of cost by the company. Cost of material consumed in wasteful manner without any justifiable reason shall be recovered from contractor.
- 8. All staffs and laborers of contractor engaged in the work shall have to pass through owner's security check and strictly adhere to the rules, regulations and discipline as demanded by owner's security office.
- 9. Contractor is ready to accept any assignment related to the work under this order or leading to under this work order at a rate which shall be mutually decided as and when such works are identified.
- 10. Log sheet must be maintained for each day by the contractor's supervisor.
- 11. Experienced Project Engineer need to be deployed to complete the whole job.

Scope of Works:

- 01. All the design drawing should be duly approved by Engineer in Charge
- 02. All design drawing to be submitted within 07 days of the WO.
- 03. Advance payment bank guarantee to be provided within 03 days of the WO.
- 04. Advance payment will be provided 04 days upon receiving of the security cheque from a schedule bank in Bangladesh on behalf of Unitex Spinning Limited.
- 05. The contractor has to deliver WTP panel within 15 days of the design approval from Unitex and rest of the panels within 30 days of the design approval.
- 06. Total works to be completed as per above mention date of the WO
- 07. All work will be done by the supervision of Engineer In Charge.
- 08. Contractor has to appoint experienced site engineers as many as required who will coordinate the works. Engineer from owner's side shall check the work progress, but this will not relieve the contractor of their responsibility.
- 09. Power/Electricity & Water will supply by Unitex and contractor need to use suitable approved service cable and pipe for the utility use as per direction of Engineer In Charge.



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- All materials brought to the site will be unloaded by contractor at their own costs and expenses. 10. The contractor will load and unload all such materials inside the premises and will not raise any carrying bills.
- 11. All the package shall be opened in front of owners personal along with contractor site engineer.
- Owner will have the right to reject any out of specification works. 12.
- The Contractor shall pay liquidated damages to the Employer at the rate of 1% (one percent) of the 13. contract price per day of delay from the Completion Date (i.e. within 30 days of design approval) up to a maximum of 20% (twenty percent) of the contract price. Force majeure conditions for delay will be recorded and considered in calculating compensation.
- 14. Contractor must clean the project site as a part of De-mobilization, as per site engineer instruction.
- Contractor will have supervisors to cover 24 hours works. 15.
- The contractor has to accept any assignment related to the work order but rate which is not included 16. in price schedule, shall be mutually decided as and when such works are identified.
- One year warranty will be applicable for all the supplied items from the date of commissioning.

Payment Terms:

- All the payments will be paid as a follow; 01.
 - 30% advance payment against security cheque from a schedule bank in Bangladesh on behalf of Unitex Spinning Limited valid for six (06) months from the date of WO.
 - b. Rest amount of the total WO value will be released upon submission of final bill successfully completion of works.
- The contractor has to submit bills such as interim bill, final bill at Unitex Spinning with joint signature 02. of site engineer & contractor in measurement sheet.
- The contractor's all discrepancy free bills will be released within 21 days from the date of 03. receipt at Head Office.
- WORK ORDER value is excluding VAT & AIT. 04.

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Total estimated value of work order -----

SI.	Details	Amount
lmp	orted Items	
1	RECYCLE PLANT 1 Set	241,748.97
2	WTP-110 m3/hr 1 Set	233,723.89
3	GODOWN BALE PRESS DB PANEL 1 Set	66,960.61
4	UNIT-02 MAINT.ROOM DB PANEL 1 Set	78,151.06
5	UNIT-02 OFFICE DB PANEL 1 Set	97,160.54
6	UNIT-02 LIFT DB PANEL 1 Set	65,916.99
7	UNIT-02 RBTS DB PANEL 1 Set	113,145.53
8	UCML-FF RBTS DB PANEL 1 Set	95,270.71
9	UCML-GF RBTS DB PANEL 1 Set	110,005.07
10	DELIVERY, INSTALLATION, TESTING & COMMISSIONING 1 JOb	47,916.63
	Total	BDT 11,50,000.00
	The state of the s	
In V	Vords: Taka Eleven lakhs and Fifty Thousand only. (Exc. VAT & AIT)	

We assure you of our best co- operation in successful completion of works. Please sign a copy of this Work Order and return to us a confirmation of your acceptance of the Work Order and Terms of the contract.

For Unitex Spinning Limited.

Mr. Zobaidul Islam Chowdhury

Operation Director,

Unitex Group

For CROSS WORLD POWER LTD

Engr. Harunor Rashid

COO

CROSS WORLD POWER LTD

Witness:

Witness:

Pranoy Barua Project Manager

Unitex Steel Mills Limited

Md. Moshiur Rahman AGM, Sales

CROSS WORLD POWER LTD



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Copy to:

- 1. Managing Director, Unitex Spinning Limited
- 2. Operation Director, Unitex Spinning Limited
- 3. CFO, Unitex Spinning Limited
- 4. Director, Unitex Spinning Limited
- 5. Engineering Department, Unitex Spinning Limited
- 6. SCM, Unitex Spinning Limited
- 7. Accounts, Unitex Spinning Limited
- 8. Record File



C & F Tower(12th floor), 1712, Sk. Mujib Road, Agrabad C/A, Chattogram. Tel: 031-2519861-3, Fax: 031-2519860.

O Dhaka Office:

Saiham Tower (10th floor), House-34, Road-136, Block-SE(C-1), Gulshan Model Town, Gulshan-1, Dhaka-1212. Tel: 02-222293724, 02-222298389

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TECHNICAL SPECIFICATION

RECYCLE PLANT	Unit Set	Qnty 1	
Sheet steel clad powder coated (14 & 16SWG), dust and vermin proof, free standing, floor mounting, 415V, 50 Hz, Indoor type Distribution Panel with 630A Hard Drawn Copper Busbar. Set of components required for the manufacture of Distribution Panel comprising of :- INCOMING:			
630A, TP, 36KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection.	Pcs	1	
630/5A Current Transformer 10/5VA, Class-1. Digital Energy Meter Phase Indication Lamp (R Y B) 1x2A,SP MCB for the protection of control circuit	Pcs Pcs Pcs Pcs	3 1 3 3	
OUTGOING: 200A, TP, 36KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection.	Pcs	1	
160A, TP, 25KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection.	Pcs	1	
125A, TP, 25KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection.	Pcs	3 (
63A, TP, 25KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection.	Pcs	2	-
40A, TP, 25KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection.	Pcs	3	
BUSBAR Details			

BRAND & ORIGIN: MCCB: ABB, Italy

MCB: ABB, Germany

630A TPN Common Busbar 320A E Earthing Busbar 1x630A TP Terminal Busbar 1x200A TP Terminal Busbar **ENCLOSURE As Standard.** Connection Accessories

Mostry







2 <u>WTP-110 m3/hr</u>	Set	1
Sheet steel clad powder coated (14 & 16SWG), dust and vermin proof, free standing, floor mounting, 415V, 50 Hz, Indoor type Distribution Panel with 630A Hard Drawn Copper Busbar.		
Set of components required for the manufacture of Distribution Panel comprising of :- INCOMING:		
630A, TP, 36KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection.	Pcs	1
630/5A Current Transformer 10/5VA, Class-1.	Pcs	3
Digital, Energy Meter	Pcs	1
Phase Indication Lamp (R Y B)	Pcs	3
1x2A,SP MCB for the protection of control circuit OUTGOING:	Pcs	3
400A, TP, 36KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection.	Pcs	1
100A, TP, 25KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection.	Pcs	2
63A, TP, 25KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection.	Pcs	2
63A, TP, 6KA, 415V, 50Hz MCB	Pcs	1
20A, TP, 6KA, 415V, 50Hz MCB	Pcs	1
10A, DP, 6KA, 415V, 50Hz MCB BUSBAR Details	Pcs	8
630A TPN Common Busbar		
315A E Earthing Busbar 1x630A TP Terminal Busbar		
1x400A TP Terminal Busbar		
ENCLOSURE As Standard.		
Connection Accessories		
BRAND & ORIGIN:		
MCCB: ABB, Italy		
MCB: ABB, Germany		
3 GODOWN BALE PRESS DB PANEL	Set	1
Sheet steel clad powder coated (14 & 16SWG), dust and vermin proof, free standing, wall mounting, 415V, 50 Hz, Indoor type Distribution Panel with 125A Hard Drawn Copper		
Set of components required for the manufacture of Distribution Panel comprising of :- INCOMING:		
125A, TP, 25KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection.	Pcs	1
Phase Indication Lamp (R Y B)	Pcs	3
1x2A,SP MCB for the protection of control circuit OUTGOING:	Pcs	3
32A, TP, 25KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection.	Pcs	1
20A, TP, 6KA, 415V, 50Hz MCB	Pcs	5
16A, DP, 6KA, 415V, 50Hz MCB	Pcs	2
BUSBAR Details		
125A TPN + 1/2 E Common Busbar	/	
ENCLOSURE As Standard. Connection Accessories		
BRAND & ORIGIN:	(N)	
MCCB: ABB, Italy	1	
MCB: ABB, Germany		

Plot 1/B, Road 90, Gulshan 2, Dhaka 1212, Bangladesh (8802) 8811858, 8816528, 9891442; Fax: (8802) 8816205; E-mail: info@cross-world.com





4 l	UNIT-02 MAINT.ROOM DB PANEL	Set	1	
Self-charte-charte-				
ŗ	Sheet steel clad powder coated (14 & 16SWG), dust and vermin proof, free standing, wall mounting, 415V, 50 Hz, Indoor type Distribution Panel with 160A Hard Drawn Copper Busbar.			
5	Set of components required for the manufacture of Distribution Panel comprising of :- INCOMING:			
	160A, TP, 25KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection.	Pcs	1	
1	Phase Indication Lamp (R Y B) 1x2A,SP MCB for the protection of control circuit	Pcs Pcs	3 3	
	OUTGOING: 40A, TP, 6KA, 415V, 50Hz MCB 32A, TP, 6KA, 415V, 50Hz MCB 32A, SP, 6KA, 230V, 50Hz MCB 20A, TP, 6KA, 230V, 50Hz MCB 16A, DP, 6KA, 415V, 50Hz MCB 10A, DP, 6KA, 415V, 50Hz MCB BUSBAR Details	Pcs Pcs Pcs Pcs Pcs Pcs	4 2 3 1 6 1	
	160A TPN + 1/2 E Common Busbar ENCLOSURE As Standard. Connection Accessories			
	BRAND & ORIGIN: MCCB: ABB, Italy MCB: ABB, Germany			
5	UNIT-02 OFFICE DB PANEL	Set	1	
	Sheet steel clad powder coated (14 & 16SWG), dust and vermin proof, free standing, wall mounting, 415V, 50 Hz, Indoor type Distribution Panel with 250A Hard Drawn Copper Busbar. Set of components required for the manufacture of Distribution Panel comprising of :-			
	INCOMING:			
	250A, TP, 36KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection.	Pcs	1	
	Phase Indication Lamp (R Y B) 1x2A,SP MCB for the protection of control circuit OUTGOING:	Pcs Pcs	3 3	
	63A, TP, 25KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection.	Pcs	1	(
	40A, TP, 6KA, 415V, 50Hz MCB 32A, TP, 6KA, 415V, 50Hz MCB 25A, SP, 6KA, 230V, 50Hz MCB	Pcs Pcs Pcs	3 6 3	*
	BUSBAR Details 250A TPN + 1/2 E Common Busbar 1x250A TP Terminal Busbar ENCLOSURE As Standard. Connection Accessories			
	RRAND & ORIGIN:			

BRAND & ORIGIN: MCCB: ABB, Italy MCB: ABB, Germany



. Plot 1/B, Road 90, Gulshan 2, Dhaka 1212, Bangladesh (8802) 8811858, 8816528, 9891442; Fax: (8802) 8816205; E-mail: info@cross-world.com



6	UNIT-02 LIFT DB PANEL	Set	1
	Sheet steel clad powder coated (14 & 16SWG), dust and vermin proof, free standing, wall mounting, 415V, 50 Hz, Indoor type Distribution Panel with 125A Hard Drawn Copper Busbar.		
	Set of components required for the manufacture of Distribution Panel comprising of :- INCOMING:		
	125A, TP, 25KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection.	Pcs	1
	Phase Indication Lamp (R Y B) 1x2A,SP MCB for the protection of control circuit OUTGOING:	Pcs Pcs	3 3
	63A, TP, 25KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection.	Pcs	2
	20A, TP, 6KA, 415V, 50Hz MCB 10A, DP, 6KA, 415V, 50Hz MCB BUSBAR Details 125A TPN + 1/2 E Common Busbar	Pcs Pcs	1 2
	ENCLOSURE As Standard. Connection Accessories		
	PDAND & ODIGIN		
	BRAND & ORIGIN: MCCB: ABB, Italy MCB: ABB, Germany		
7	UNIT-02 RBTS DB PANEL	Set	1
	Sheet steel clad powder coated (14 & 16SWG), dust and vermin proof, free standing, wall		
	mounting, 415V, 50 Hz, Indoor type Distribution Panel with 200A Hard Drawn Copper Busbar. Set of components required for the manufacture of Distribution Panel comprising of :-		
	mounting, 415V, 50 Hz, Indoor type Distribution Panel with 200A Hard Drawn Copper Busbar. Set of components required for the manufacture of Distribution Panel comprising of :- INCOMING: 200A, TP, 36KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short	Pcs	1
	mounting, 415V, 50 Hz, Indoor type Distribution Panel with 200A Hard Drawn Copper Busbar. Set of components required for the manufacture of Distribution Panel comprising of :- INCOMING: 200A, TP, 36KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection.	Pcs Pcs	1 3
	mounting, 415V, 50 Hz, Indoor type Distribution Panel with 200A Hard Drawn Copper Busbar. Set of components required for the manufacture of Distribution Panel comprising of :- INCOMING: 200A, TP, 36KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection. Phase Indication Lamp (R Y B) 1x2A,SP MCB for the protection of control circuit		_
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	mounting, 415V, 50 Hz, Indoor type Distribution Panel with 200A Hard Drawn Copper Busbar. Set of components required for the manufacture of Distribution Panel comprising of :- INCOMING: 200A, TP, 36KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection. Phase Indication Lamp (R Y B) 1x2A,SP MCB for the protection of control circuit OUTGOING: 63A, TP, 25KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection. 32A, TP, 25KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short	Pcs Pcs	3
	mounting, 415V, 50 Hz, Indoor type Distribution Panel with 200A Hard Drawn Copper Busbar. Set of components required for the manufacture of Distribution Panel comprising of :- INCOMING: 200A, TP, 36KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection. Phase Indication Lamp (R Y B) 1x2A,SP MCB for the protection of control circuit OUTGOING: 63A, TP, 25KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection. 32A, TP, 25KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection.	Pcs Pcs	3 3
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	mounting, 415V, 50 Hz, Indoor type Distribution Panel with 200A Hard Drawn Copper Busbar. Set of components required for the manufacture of Distribution Panel comprising of :- INCOMING: 200A, TP, 36KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection. Phase Indication Lamp (R Y B) 1x2A,SP MCB for the protection of control circuit OUTGOING: 63A, TP, 25KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection. 32A, TP, 25KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection. 20A, TP, 6KA, 415V, 50Hz MCB 16A, TP, 6KA, 415V, 50Hz MCB 10A, TP, 6KA, 415V, 50Hz MCB	Pcs Pcs Pcs Pcs Pcs Pcs Pcs	3 3 1 2 1 1 1
	mounting, 415V, 50 Hz, Indoor type Distribution Panel with 200A Hard Drawn Copper Busbar. Set of components required for the manufacture of Distribution Panel comprising of :- INCOMING: 200A, TP, 36KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection. Phase Indication Lamp (R Y B) 1x2A,SP MCB for the protection of control circuit OUTGOING: 63A, TP, 25KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection. 32A, TP, 25KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection. 20A, TP, 6KA, 415V, 50Hz MCB 16A, TP, 6KA, 415V, 50Hz MCB 10A, TP, 6KA, 415V, 50Hz MCB	Pcs	3 3 1 2 1 1 1
	mounting, 415V, 50 Hz, Indoor type Distribution Panel with 200A Hard Drawn Copper Busbar. Set of components required for the manufacture of Distribution Panel comprising of :- INCOMING: 200A, TP, 36KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection. Phase Indication Lamp (R Y B) 1x2A,SP MCB for the protection of control circuit OUTGOING: 63A, TP, 25KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection. 32A, TP, 25KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection. 20A, TP, 6KA, 415V, 50Hz MCB 16A, TP, 6KA, 415V, 50Hz MCB 10A, DP, 6KA, 415V, 50Hz MCB 10A, DP, 6KA, 415V, 50Hz MCB 6A, TP, 6KA, 415V, 50Hz MCB	Pcs Pcs Pcs Pcs Pcs Pcs Pcs	3 3 1 2 1 1 1
	mounting, 415V, 50 Hz, Indoor type Distribution Panel with 200A Hard Drawn Copper Busbar. Set of components required for the manufacture of Distribution Panel comprising of:- INCOMING: 200A, TP, 36KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection. Phase Indication Lamp (R Y B) 1x2A,SP MCB for the protection of control circuit OUTGOING: 63A, TP, 25KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection. 32A, TP, 25KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection. 20A, TP, 6KA, 415V, 50Hz MCB 16A, TP, 6KA, 415V, 50Hz MCB 10A, DP, 6KA, 415V, 50Hz MCB 10A, DP, 6KA, 415V, 50Hz MCB BUSBAR Details	Pcs	3 3 1 2 1 1 1
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	mounting, 415V, 50 Hz, Indoor type Distribution Panel with 200A Hard Drawn Copper Busbar. Set of components required for the manufacture of Distribution Panel comprising of:- INCOMING: 200A, TP, 36KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection. Phase Indication Lamp (R Y B) 1x2A,SP MCB for the protection of control circuit OUTGOING: 63A, TP, 25KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection. 32A, TP, 25KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection. 20A, TP, 6KA, 415V, 50Hz MCB 16A, TP, 6KA, 415V, 50Hz MCB 10A, TP, 6KA, 415V, 50Hz MCB 10A, DP, 6KA, 415V, 50Hz MCB 6A, TP, 6KA, 415V, 50Hz MCB BUSBAR Details 200A TPN + 1/2 E Common Busbar 1x200A TP Terminal Busbar	Pcs	3 3 1 2 1 1 1
	mounting, 415V, 50 Hz, Indoor type Distribution Panel with 200A Hard Drawn Copper Busbar. Set of components required for the manufacture of Distribution Panel comprising of:- INCOMING: 200A, TP, 36KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection. Phase Indication Lamp (R Y B) 1x2A,SP MCB for the protection of control circuit OUTGOING: 63A, TP, 25KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection. 32A, TP, 25KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection. 20A, TP, 6KA, 415V, 50Hz MCB 16A, TP, 6KA, 415V, 50Hz MCB 10A, DP, 6KA, 415V, 50Hz MCB 10A, DP, 6KA, 415V, 50Hz MCB BUSBAR Details 200A TPN + 1/2 E Common Busbar	Pcs	3 3 1 2 1 1 1
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MCB: ABB, Germany

, Plot 1/B, Road 90, Gulshan 2, Dhaka 1212, Bangladesh (8802) 8811858, 8816528, 9891442; Fax: (8802) 8816205; E-mail: info@cross-world.com





8	UCML-FF RBTS DB PANEL	Set	1
	Sheet steel clad powder coated (14 & 16SWG), dust and vermin proof, free standing, wall mounting, 415V, 50 Hz, Indoor type Distribution Panel with 100A Hard Drawn Copper Busbar.		
	Set of components required for the manufacture of Distribution Panel comprising of :- INCOMING:		
	63A, TP, 25KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection.	Pcs	1
	Phase Indication Lamp (R Y B) 1x2A,SP MCB for the protection of control circuit OUTGOING:	Pcs Pcs	3 3
	63A, TP, 25KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection.	Pcs	1
	32A, TP, 25KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection.	Pcs	2
	20A, TP, 6KA, 415V, 50Hz MCB	Pcs	1
	10A, DP, 6KA, 415V, 50Hz MCB	Pcs	1
	6A, TP, 6KA, 415V, 50Hz MCB BUSBAR Details	Pcs	7
	100A TPN + 1/2 E Common Busbar		
	ENCLOSURE As Standard.		-
	Connection Accessories		
	BRAND & ORIGIN: MCCB: ABB, Italy		

UCML-GF RBTS DB PANEL	Set	1
Sheet steel clad powder coated (14 & 16SWG), dust and vermin proof, free standing, wall mounting, 415V, 50 Hz, Indoor type Distribution Panel with 100A Hard Drawn Copper Busbar.	*	
Set of components required for the manufacture of Distribution Panel comprising of :-		
53A, TP, 25KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short circuit protection.	Pcs	1
3/5A Current Tr ansforme r 1 0/5∀ A, Class-1.	Pcs	3
National Energy Meter	Pcs	1
hase Indication Lamp (R Y B) x2A,SP MCB for the protection of control circuit	Pcs	3
OUTGOING:	Pcs	3
3A, TP, 25KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short ircuit protection.	Pcs	1
2A, TP, 25KA, 415V, 50Hz MCCB with having adjustable overcurrent & magnetic short ircuit protection.	Pcs	2
20A, TP, 6KA, 415V, 50Hz MCB	Pcs	1
0A, DP, 6KA, 415V, 50Hz MCB A, TP, 6KA, 415V, 50Hz MCB	Pcs	1
BUSBAR Details	Pcs	7
1.00A TPN + 1/2 E Common Busbar		
NCLOSURE As Standard.		
Connection Accessories		

BRAND & ORIGIN: MCCB: ABB, Italy

MCB: ABB, Germany

MCB: ABB, Germany

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