



SAYED ELECTRIC & CO.

Engineers ■ Builders ■ Importers ■ Suppliers
& Special Class Government Contractors

সৈয়দ ইলেকট্রিক এন্ড কোং

প্রকৌশলী, নির্মাতা, আমদানীকারক, সরবরাহকারী
ও বিশেষ শ্রেণীর সরকারী ঠিকাদার

Ref: SM/WO/BB/MYM/03/2021.

Date: 28/02/2021.

To
CEO
CROSS WORLD POWER LTD.
Plot 1/B, Road 90, Gulshan - 2, Dhaka 1212, Bangladesh.
Attention: Ariful Islam (Manager, Sales).

Subject: Work order for Supply of following Equipment's as per your Offer for
Bangladesh Bank, Mymensingh office, Mymensingh.

Project: Bangladesh Bank, Mymensingh.

Ref. No : CWPL/SS/BB/20072020. (A). Dated: 20/07/2020.

Ref. No : CWPL/SS/BB/20072020. (B). Dated: 20/07/2020.

Ref. No : CWPL/BBT-221/120. Dated: 20/07/2020.

Ref. No : Generator. (Refer by Mailed). Dated: 20/07/2020.

Dear Concern.

With due respect, we like to place the work order for LT Switchgear Panel-1 Set, ELT Panel (ATS Panel) -1 Set, 750 KVAR PFI Plant -1 Set, 500 KVA & 200 KVA Diesel Generator with foreign Canopy Set -1 Set, Generator Synchronizing Panel -1 Set, Floor MDB-1-1 Set, Floor MDB-2-1 Set, Floor MDB-3-1 Set, Floor MDB-AC-1 Set, Server MDB-1-1 Set, Busbar Trunking System (with Installation) BBT-1 (2000A) 1 Lot, BBT-2 (1250A) 1 Lot, BBT-3 (1250A) 1 Lot), Server SDB -1 Set, AC SDB-1 -1 Set,, AC SDB-2 -4 Set, SDB Gate House 1 Set, SDB-M -1 Set as your financial Offer.

Total Work Order Value:

CWPL/SS/BB/20072020. (A).	BDT: 2,926,000/=
CWPL/SS/BB/20072020. (B).	BDT: 29,259,900/=
CWPL/BBT-221/120.	BDT: 4,710,000/=
Generator (Ref. Mailed)	BDT: 7,700,000/=
Total Value	BDT: 44,595,900/=

(Taka: Four Crore Forty-Five Lac Ninety-Five Thousand and Nine Hundred Only)



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সৈয়দ ইলেকট্রিক এন্ড কোং

প্রকৌশলী, নির্মাতা, আমদানীকারক, সরবরাহকারী
ও বিশেষ শ্রেণীর সরকারী ঠিকাদার

Ref:

Date :

Terms & Conditions:

01. Drawing must be provided within 15 days from the Advance Payment date.
02. Goods must be delivered Within 180 days after receipt of confirmed order.
03. Payment Method:
 - i) Advance 20% payment As Token By 10/03/2021.
 - ii) Rest 20% payment After Receiving Drawing.
 - iii) Rest 50% payment After receiving the equipment's at site.
 - iv) Final 10% payment after Installation.
04. Warranty will be provided One year after Commissioning or One & Half year from the date of Delivery.

Thanking You.

Syed Mosharrof Hossain,

Proprietor.

SAYED ELECTRIC & CO.

Contact: +8801714066725.

FINANCIAL OFFER

Sayed Electric & CO. Ltd.
5/17, Humayun Road, Block-B,
Mohammadpur, Dhaka.

DATE : Feb 25, 2021
REF : CWPL-SB/0013/21F

FINANCIAL OFFER FOR SUPPLY OF SDB

Dear Sir,

We are pleased to submit our financial offer with reference to our technical offer# CWPL-SB/0013/21T dated Feb 25, 2021 :

1. Price:

SL #	Product Name	Unit	Price (BDT)	Qty.	Total Price(BDT)
1)	Server SDB (As per attached technical specification)	Set	205,000.00	1.00	205,000.00
2)	AC SDB 01 (As per attached technical specification)	Set	215,000.00	1.00	215,000.00
3)	AC SDB 02 (As per attached technical specification)	Set	319,000.00	4.00	1,276,000.00
4)	SDB (As per attached technical specification)	Set	450,000.00	1.00	450,000.00
5)	SDB M (wall mounting) (As per attached technical specification)	Set	300,000.00	1.00	300,000.00
6)	SDB SR (As per attached technical specification)	Set	205,000.00	1.00	205,000.00
7)	SDB SR 01 (As per attached technical specification)	Set	275,000.00	1.00	275,000.00

Total Price (Ready Stock) in BDT 2,926,000.00

GRAND TOTAL (Excluding VAT & AIT) in BDT 2,926,000.00

Amount in words : BDT Two Million Nine Hundred and Twenty-Six Thousand Only.

CROSS WORLD POWER LTD

- 1. VALIDITY:** Our offer will remain valid for a period for 30 days from the date of this offer.
- 2. DELIVERY:** Within 60 days after receipt of confirmed order and payment as per clause #3
- 3. PAYMENT:** 50% Cash/PO/DD along with order and remaining 50% at the time of taking delivery.
- 4. FABRICATION and ASSEMBLY:** Fabrication and assembly will be done at our Dhaka factory.
- 5. GUARANTEE:** One year if any manufacture defects.
- 6. AFTER SALES SERVICE:** One year free of cost.

We hope the above offer is acceptable to you and we look forward to your valued work order in our favour. Should you require further information or discussion, please feel free to contact the undersigned.

Sincerely,

Md. Ariful Islam
Manager, Sales & Marketing
Mobile : 01755 514 731

Specifications Submission and Compliance Sheet (Form PG3-5)

Invitation for Tender No:	20/mymensingh/SST/2020-32	Date:	11/06/2020
Tender Package No:	N/A	Package Description:	Single
Tender Lot No:	N/A	Lot Description:	Single

Instruction to fill-up:

- *To be filled up by the Tenderer & Manufacturer in letterhead pad with appropriate data as per manufacturer specification, otherwise the tender shall be rejected.
- * Must mention specific value/data model, brand & origin as per manufacturer offered model specification; **should not write complied or as per required/specification**, as it is not GTP rather specification submission sheet.(Page 91-140)
- *All incoming & outgoing ACB of LT Panel shall be installed in single enclosure/cubicle.

Item No. 23 SUB DISTRIBUTION BOARD (SDB): 23.1 Server SDB

Description	Bangladesh Banks Requirement	Tenderers offered Specification
Brand and Model	Mentioned by bidder	SIEMENS ALPHA UNIVERSAL
Manufacturing Standard	ISO 9001, ISO 14001, OHSAS 18001 & IEC 61439-1/2, Type test from KEMA/CESI/ASTA or equivalent International lab	ISO 9001, ISO 14001, OHSAS 18001 & IEC 61439-2, Type test from VDE/ Siemens (LOVAG approved LAB)
Country of Assembling	Mentioned by Bidder	Turkey
Operating voltage	415V	415V
Operating Frequency	50Hz	50Hz
Busbar Material	Solid Copper	Solid Copper
Rated current for bus	200Amps	200Amps
Number of bus bars	5 (L1, L2, L3, N&PE)	5 (L1, L2, L3, N&PE)
Busbar Size (sqmm)	Size including brand & origin Mentioned by Bidder	1x20x5 Brand – SARKUYSAN Origin – Turkey
Rated short-time withstand current	25KA	25KA
Rated peak current	56KA	56KA
SDB Enclosure/Switch Board	Size, Brand & Model mentioned by bidder (Siemens /ABB /Eaton / Schneider or equivalent)	1250 x 660 x 250MM SIEMENS ALPHA UNIVERSAL
SDB Enclosure/Switch Board Origin & Assembling	USA/UK/EU/Turkey/Japan or equivalent	Origin: Germany Assembling: Turkey
Degree of protection	IP55	IP55
Voltage Indicating lamps Red/Blue/Yellow	Brand, Model & Origin mentioned by Bidder with auxiliary components	SIEMENS 3SU Origin - Czech Republic
Incoming		
100A 4P MCCB (Adjustable, 50KA) with ETU(LSI)	Brand, Model & Origin mentioned by Bidder (Siemens /ABB /Eaton / Schneider from USA/UK/EU) * Catalog need to be submitted)	SIEMENS 3VA2110-5HN46-0AA0 Czech Republic Catalog Submitted
1x 40KA, TPN-E Surge Protective	Brand, Model & Origin mentioned by Bidder	SIEMENS

Device (Type-2/3) with 40A, 4P-MCB (25KA)	with auxiliary components	MCB: 5SY8463-7 & SPD: 5SD7464-1 Germany
Outgoing		
3X63A DP MCB (15KA)	Brand, Model & Origin mentioned by Bidder (Siemens /ABB /Eaton / Schneider or equivalent from USA/UK/EU)	SIEMENS 5SY8263-7 Germany
3X40A DP MCB (15KA)	Brand, Model & Origin mentioned by Bidder (Siemens /ABB /Eaton / Schneider or equivalent from USA/UK/EU)	SIEMENS 5SY8240-7 Germany
3X32A DP MCB (15KA)	Brand, Model & Origin mentioned by Bidder (Siemens /ABB /Eaton / Schneider or equivalent from USA/UK/EU)	SIEMENS 5SY7232-7 Germany
Dimension of SDB (HxWxD)	Mentioned by bidder	1250 x 660 x 250MM



OMEGA ELEKTRİK SANAYİ VE TİCARET A.Ş.
Beylikdüzü Organize Sanayi Bölgesi Memeciler San. Sit.
4. Cad. No:11 Beşiktaş - Beylikdüzü - İSTANBUL
Beylikdüzü V.D. : 64293/4932
Sermayesi: 19.000.000 TL

Signature with Seal (Tenderer)

Signature with Seal (Manufacturer/Assembler)

Item No. 23.2 AC SDB-1

Description	Bangladesh Banks Requirement	Tenderers offered Specification
Brand and Model	Mentioned by bidder	SIEMENS ALPHA UNIVERSAL
Manufacturing Standard	ISO 9001, ISO 14001, OHSAS 18001 & IEC 61439-1/2, Type test from KEMA/CESI/ASTA or equivalent International lab	ISO 9001, ISO 14001, OHSAS 18001 & IEC 61439-2, Type test from VDE/ Siemens (LOVAG approved LAB)
Country of Assembling	Turkey	Turkey
Operating voltage	415V	415V
Operating Frequency	50Hz	50Hz
Busbar Material	Solid Copper	Solid Copper
Rated current for bus	200Amps	200Amps
Number of bus bars	5 (L1, L2, L3, N&PE)	5 (L1, L2, L3, N&PE)
Busbar Size (sqmm)	Size including brand & origin Mentioned by Bidder	1x20x5 Brand – SARKUYSAN Origin – Turkey
Rated short-time withstand current	25KA	25KA
Rated peak current	56KA	56KA
SDB Enclosure/Switch Board	Size, Brand & Model mentioned by bidder (Siemens /ABB /Eaton / Schneider or equivalent)	1250 x 660 x 250MM SIEMENS Alpha Universal
SDB Enclosure/Switch Board Origin & Assembling	USA/UK/EU/Turkey/Japan or equivalent	Origin: Germany Assembling: Turkey
Degree of protection	IP55	IP55
Voltage Indicating lamps Red/Blue/Yellow	Brand, Model & Origin mentioned by Bidder with auxiliary components	SIEMENS 3SU Origin – Czech Republic
Incoming		
100A TP MCCB (Adjustable, 36KA) with ETU(LI)	Brand, Model & Origin mentioned by Bidder (Siemens /ABB /Eaton / Schneider from USA/UK/EU) * Catalog need to be submitted)	SIEMENS 3VA2010-4HL32-0AA0 Czech Republic
1x 40KA, TPN-E Surge Protective Device (Type-2) with 63A, 4P-MCB (25KA)	Brand, Model & Origin mentioned by Bidder with auxiliary components	SIEMENS MCB: 5SY8463-7 & SPD: 5SD7464-0 Germany
Outgoing		
8X25/32A TP MCB (15KA)	Brand, Model & Origin mentioned by Bidder (Siemens /ABB /Eaton / Schneider or equivalent from USA/UK/EU)	SIEMENS 5SY7325-7/ 5SY7332-7 Germany
3X20/25A TP MCB (15KA)	Brand, Model & Origin mentioned by Bidder (Siemens /ABB /Eaton / Schneider or equivalent from USA/UK/EU)	SIEMENS 5SY7320-7/ 5SY7325-7 Germany
3X15/20/25A SP MCB (15KA)	Brand, Model & Origin mentioned by Bidder	SIEMENS

	(Siemens /ABB /Eaton / Schneider or equivalent from USA/UK/EU)	5SY7316-7/ 5SY7320-7/ 5SY7325-7 Germany
Dimension of SDB (HxWxD)	Mentioned by bidder	1250 x 660 x 250MM



OMEGA ELEKTRİK BAKIM VE T.C. A.Ş.
Beylikdüzü Organize Sanayi Bölgesi, Marmarier Sarayı Sitesi
4.Cad. No:10 / Beşiktaş - Beylikdüzü - İSTANBUL
Beylikdüzü V.D. 642034932
Sermayesi: 15.000.000 TL

Signature with Seal (Tenderer)

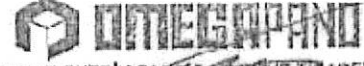
Signature with Seal (Manufacturer/Assembler)

Item No. 23.3 AC SDB-2

Description	Bangladesh Banks Requirement	Tenderers offered Specification
Brand and Model	Mentioned by bidder	SIEMENS ALPHA UNIVERSAL
Manufacturing Standard	ISO 9001, ISO 14001, OHSAS 18001 & IEC 61439-1/2, Type test from KEMA/CESI/ASTA or equivalent International lab	ISO 9001, ISO 14001, OHSAS 18001 & IEC 61439-2, Type test from VDE/Siemens (LOVAG approved LAB)
Country of Assembling	Mentioned by Bidder	Turkey
Operating voltage	415V	415V
Operating Frequency	50Hz	50Hz
Busbar Material	Solid Copper	Solid Copper
Rated current for bus	200Amps	200Amps
Number of bus bars	5 (L1, L2, L3, N&PE)	5 (L1, L2, L3, N&PE)
Busbar Size (sqmm)	Size including brand & origin Mentioned by Bidder	1x20x5 Brand – SARKUYSAN Origin – Turkey
Rated short-time withstand current	25KA	25KA
Rated peak current	56KA	56KA
SDB Enclosure/Switch Board	Size, Brand & Model mentioned by bidder (Siemens /ABB /Eaton / Schneider or equivalent)	1050 x660 x 250MM SIEMENS Alpha Universal
SDB Enclosure/Switch Board Origin	USA/UK/EU/Turkey/Japan or equivalent	Germany
Degree of protection	IP55	IP55
Voltage Indicating lamps Red/Blue/Yellow	Brand, Model & Origin mentioned by Bidder with auxiliary components	SIEMENS 3SU Origin - Czech Republic
Incoming		
100A TP MCCB (Adjustable, 36KA) with ETU(LI)	Brand, Model & Origin mentioned by Bidder (Siemens /ABB /Eaton / Schneider from USA/UK/EU) * Catalog need to be submitted)	SIEMENS 3VA2010-4HL32-0AA0 Czech Republic
1x 40KA, TPN-E Surge Protective Device (Type-2) with 63A, 4P-MCB (25KA)	Brand, Model & Origin mentioned by Bidder with auxiliary components	SIEMENS MCB: 5SY8463-7 & SPD: 5SD7464-0 Germany
Outgoing		
2X20/25/32A TP MCB (15KA)	Brand, Model & Origin mentioned by Bidder (Siemens /ABB /Eaton / Schneider or equivalent from USA/UK/EU)	SIEMENS 5SY7320-7/ 5SY7325-7/ 5SY7332-7 Germany
18X16/20/25A SP MCB (15KA)	Brand, Model & Origin mentioned by Bidder (Siemens /ABB /Eaton / Schneider or equivalent from USA/UK/EU)	SIEMENS 5SY7216-7/ 5SY7220-7/ 5SY7225-7 Germany



Dimension of SDB (HxWxD)	Mentioned by bidder	1050 x660 x 250MM
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OMEGA ELEKTRİK BAKİTİ SANAYİ VE TİCARET A.Ş.
Beylikdüzü Organize Sanayi Bölgesi Memmerçler San.Sit.
4.Cad. No:10 Beşiközü - Beylikdüzü - İSTANBUL
Beylikdüzü V.D.: 64293/4932
Sermayesi: 19.000.000 TL

Signature with Seal (Tenderer)

Signature with Seal (Manufacturer/Assembler)

Item No. 23.4 SDB Gate House

Description	Bangladesh Banks Requirement	Tenderers offered Specification
Brand and Model	Mentioned by bidder	SIEMENS ALPHA UNIVERSAL
Manufacturing Standard	ISO 9001, ISO 14001, OHSAS 18001 & IEC 61439-1/2, Type test from KEMA/CESI/ASTA or equivalent International lab	ISO 9001, ISO 14001, OHSAS 18001 & IEC 61439-2, Type test from VDE/ Siemens (LOVAG approved LAB)
Country of Assembling	Mentioned by Bidder	Turkey
Operating voltage	415V	415V
Operating Frequency	50Hz	50Hz
Busbar Material	Solid Copper	Solid Copper
Rated current for bus	200Amps	200Amps
Number of bus bars	5 (L1, L2, L3, N&PE)	5 (L1, L2, L3, N&PE)
Busbar Size (sqmm)	Size including brand & origin Mentioned by Bidder	1x20x5 Brand – SARKUYSAN Origin – Turkey
Rated short-time withstand current	25KA	25KA
Rated peak current	56KA	56KA
SDB Enclosure/Switch Board	Size, Brand & Model mentioned by bidder (Siemens /ABB /Eaton / Schneider or equivalent)	2150 x720x 250MM SIEMENS SIVACON S8
SDB Enclosure/Switch Board Origin	USA/UK/EU/Turkey/Japan or equivalent	Germany
Degree of protection	IP55	IP55
Voltage Indicating lamps Red/Blue/Yellow	Brand, Model & Origin mentioned by Bidder with auxiliary components	SIEMENS 3SU Origin - Czech Republic
Incoming		
100A TP MCCB (Adjustable, 36KA) with ETU(LI)	Brand, Model & Origin mentioned by Bidder (Siemens /ABB /Eaton / Schneider from USA/UK/EU) * Catalog need to be submitted)	SIEMENS 3VA2010-4HL32-0AA0 Czech Republic
1x 40KA, TPN-E Surge Protective Device (Type-2) with 63A, 4P-MCB (25KA)	Brand, Model & Origin mentioned by Bidder with auxiliary components	SIEMENS MCB: 5SY8463-7 & SPD: 5SD7464-0 Germany
Multifunction Meter	Brand, Model & Origin mentioned by Bidder (Siemens /ABB /Eaton / Schneider or equivalent from USA/UK/EU)	SIEMENS PAC3200 Hungary
Function/ Feature	Voltage: Phase-phase / phase-neutral, Current: Per phase and neutral, (kW, kVAR, kVA, PF): Per phase & total, Frequency: 45 to 63Hz, THD indication: V & I, Min/Max & Average Value Measure, Universal counter, Accuracy class: 0.5s, Set point monitoring (V, I, power, VAR, VA, Freq. THD, PF), Phase unbalance: V/I, RJ45 port. Digital I/P & O/P	Voltage: Phase-phase / phase-neutral, Current: Per phase and neutral, (kW, kVAR, kVA, PF): Per phase & total, Frequency: 45 to 63Hz, THD indication: V & I, Min/Max & Average Value Measure, Universal counter, Accuracy class: 0.5s, Set point monitoring (V, I, power, VAR, VA, Freq. THD, PF), Phase unbalance: V/I, RJ45 port. Digital I/P & O/P
Display	95~240V AC (±10%) / 110~340V DC (±10%)	95~240V AC (±10%) / 110~340V DC (±10%)
Power supply	Background-illuminated graphic LCD	Background-illuminated graphic LCD
Text displays	Multilingual	Multilingual
Current Transformer	Brand, Model & Origin mentioned by Bidder	ALCE

	(Siemens /ABB /Eaton / Schneider or equivalent from USA/UK/EU)	CT100/5A Turkey
Outgoing		
2X63A TP MCCB (36KA)	Brand, Model & Origin mentioned by Bidder (Siemens /ABB /Eaton / Schneider or equivalent from USA/UK/EU)	SIEMENS 3VA2063-4HL32-0AA0 Czech Republic
2X32A TP MCCB (36KA)	Brand, Model & Origin mentioned by Bidder (Siemens /ABB /Eaton / Schneider or equivalent from USA/UK/EU)	SIEMENS 3VA1132-4EF32-0AA0 Czech Republic
1X40A TP MCB (15KA)	Brand, Model & Origin mentioned by Bidder (Siemens /ABB /Eaton / Schneider or equivalent from USA/UK/EU)	SIEMENS 5SY8340-7 Germany
2X20/25A TP MCB (15KA)	Brand, Model & Origin mentioned by Bidder (Siemens /ABB /Eaton / Schneider or equivalent from USA/UK/EU)	SIEMENS 5SY7320-7/ 5SY7325-7 Germany
33X10/16/A SP MCB (15KA)	Brand, Model & Origin mentioned by Bidder (Siemens /ABB /Eaton / Schneider or equivalent from USA/UK/EU)	SIEMENS 5SY7110-7/ 5SY7116-7 Germany
3X5/10A TP Magnetic Contactor with 2NO+ 2NC	Brand, Model & Origin mentioned by Bidder (Siemens /ABB /Eaton / Schneider or equivalent from USA/UK/EU)	SIEMENS 3RT with 2NO + 2NC contact Germany
13X10/16A TP Magnetic Contactor with 2NO+ 2NC	Brand, Model & Origin mentioned by Bidder (Siemens /ABB /Eaton / Schneider or equivalent from USA/UK/EU)	SIEMENS 3RT with 2NO + 2NC contact Germany
2X20/25A TP Magnetic Contactor with 2NO+ 2NC	Brand, Model & Origin mentioned by Bidder (Siemens /ABB /Eaton / Schneider or equivalent from USA/UK/EU)	SIEMENS 3RT with 2NO + 2NC contact Germany
1no. Digital SUN relay with integrated time switch & external light sensor (2-2000 Lux)	Brand, Model & Origin mentioned by Bidder	EATON SRCD1CO Norway
1no. Digital Time Switch (weekly time selection)	Brand, Model & Origin mentioned by Bidder	SIEMENS 7LF4521-0 Germany
1no. Auto, Off & Manual Selector Switch.	Brand, Model & Origin mentioned by Bidder	SIEMENS 3LF0122-4BB00 Turkey
19 Set ON, OFF Push Button	Brand, Model & Origin mentioned by Bidder	SIEMENS 3SU Czech Republic
19 Set ON, OFF Indicating Lamp	Brand, Model & Origin mentioned by Bidder	SIEMENS 3SU Czech Republic
Necessary Auxiliary relays & MCB for Control Circuit	Brand, Model & Origin mentioned by Bidder	SIEMENS 5TT / 5SY Romania/ Germany
Dimension of SDB (HxWxD)	Mentioned by bidder	2150 x720x 250MM


OMEGAPANO
 OMEGA ELEKTRİK SANAYİ VE TİCARET A.Ş.
 Beylikdüzü Organize Sanayi Bölgesi Memeciler Sarayı Site: 4 Cadde No:13 Beylikdüzü / İstanbul T:0212 856 3151 F:0212 856 3151 info@omegapano.com.tr www.omegapano.com.tr
 1 Cad. Memeciler Sarayı - Beylikdüzü - İSTANBUL
 Beylikdüzü V.D. 34299-4992
 Şirket Yolu: 15.000.000 TL

Signature with Seal (Tenderer)

Signature with Seal (Manufacturer/Assembler)

Item No. 23.5 SDB-M

Description	Bangladesh Banks Requirement	Tenderers offered Specification
Brand and Model	Mentioned by bidder	SIEMENS ALPHA UNIVERSAL
Manufacturing Standard	ISO 9001, ISO 14001, OHSAS 18001 & IEC 61439-1/2, Type test from KEMA/CESI/ASTA or equivalent International lab	ISO 9001, ISO 14001, OHSAS 18001 & IEC 61439-2, Type test from VDE/ Siemens (LOVAG approved LAB)
Country of Assembling	Mentioned by Bidder	Turkey
Operating voltage	415V	415V
Operating Frequency	50Hz	50Hz
Busbar Material	Solid Copper	Solid Copper
Rated current for bus	500Amps	500Amps
Number of bus bars	5 (L1, L2, L3, N&PE)	5 (L1, L2, L3, N&PE)
Busbar Size (sqmm)	Size including brand & origin Mentioned by Bidder	1x20x10 Brand – SARKUYSAN Origin – Turkey
Rated short-time withstand current	25KA	25KA
Rated peak current	56KA	56KA
SDB Enclosure/Switch Board	Size, Brand & Model mentioned by bidder (Siemens /ABB /Eaton / Schneider or equivalent)	2150 x720x 250MM SIEMENS SIVACON S8
SDB Enclosure/Switch Board Origin & Assembling	USA/UK/EU/Turkey/Japan or equivalent	Origin: Germany Assembling: Turkey
Degree of protection	IP55	IP55
Voltage Indicating lamps Red/Blue/Yellow	Brand, Model & Origin mentioned by Bidder with auxiliary components	SIEMENS 3SU Origin - Czech Republic
Incoming		
320A 4P-MCCB (Adjustable, 50KA) with ETU(LSI)	Brand, Model & Origin mentioned by Bidder (Siemens /ABB /Eaton / Schneider from USA/UK/EU) * Catalog need to be submitted)	SIEMENS 3VA2340-5HN42-0AA0 Czech Republic
Multifunction Meter	Brand, Model & Origin mentioned by Bidder (Siemens /ABB /Eaton / Schneider or equivalent from USA/UK/EU)	SIEMENS PAC3200 Hungary
Function/ Feature	Voltage: Phase-phase / phase-neutral, Current: Per phase and neutral, (kW, kVAR, kVA, PF): Per phase & total, Frequency: 45 to 63Hz, THD indication: V & I, Min/Max & Average Value Measure, Universal counter, Accuracy class: 0.5s, Set point monitoring(V, I, power, VAR, VA, Freq. THD, PF), Phase unbalance: V/I, RJ45 port. Digital I/P & O/P	Voltage: Phase-phase / phase-neutral, Current: Per phase and neutral, (kW, kVAR, kVA, PF): Per phase & total, Frequency: 45 to 63Hz, THD indication: V & I, Min/Max & Average Value Measure, Universal counter, Accuracy class: 0.5s, Set point monitoring(V, I, power, VAR, VA, Freq. THD, PF), Phase unbalance: V/I, RJ45 port. Digital I/P & O/P
Display	95~240V AC (±10%) / 110~340V DC (±10%)	95~240V AC (±10%) / 110~340V DC (±10%)
Power supply	Background-illuminated graphic LCD	Background-illuminated graphic LCD
Text displays	Multilingual	Multilingual
Current Transformer	Brand, Model & Origin mentioned by Bidder (Siemens /ABB /Eaton / Schneider or equivalent from USA/UK/EU)	ALCE CT400/5A TURKEY

1x 40KA, TPN-E Surge Protective Device (Type-2) with 63A, 4P-MCB (25KA)	Brand, Model & Origin mentioned by Bidder with auxiliary components	SIEMENS MCB: 5SY8463-7 & SPD: 5SD7464-0 Germany
Outgoing		
2X63A TP MCCB (36KA) with ETU(LI)	Brand, Model & Origin mentioned by Bidder (Siemens /ABB /Eaton / Schneider or equivalent from USA/UK/EU)	SIEMENS 3VA2063-4HL32-0AA0 Czech Republic
2X160A TP MCCB (36KA) with ETU(LI)	Brand, Model & Origin mentioned by Bidder (Siemens /ABB /Eaton / Schneider or equivalent from USA/UK/EU)	SIEMENS 3VA2116-4HL32-0AA0 Czech Republic
2X100A TP MCCB (36KA) with ETU(LI)	Brand, Model & Origin mentioned by Bidder (Siemens /ABB /Eaton / Schneider or equivalent from USA/UK/EU)	SIEMENS 3VA2010-4HL32-0AA0 Czech Republic
2X32A TP MCCB (36KA) with ETU(LI)	Brand, Model & Origin mentioned by Bidder (Siemens /ABB /Eaton / Schneider or equivalent from USA/UK/EU)	SIEMENS 3VA2063-4HL32-0AA0 Czech Republic
3X20A SP MCB (15KA)	Brand, Model & Origin mentioned by Bidder (Siemens /ABB /Eaton / Schneider or equivalent from USA/UK/EU)	SIEMENS 5SY7120-7 Czech Republic
Dimension of SDB (HxWxD)	Mentioned by bidder	2150 x720x 250MM


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 OMEGA ELEKTRİK SANAYİ VE TİCARET A.Ş.
 Beşikdüzü Organize Sanayi Bölgesi Menemenler Sanayi Sitesi
 4.Cad. No:10 Beşikdüzü - Beşikdüzü - İSTANBUL
 Beşikdüzü V.D.:642034932
 Sermayesi:19.000.000 TL

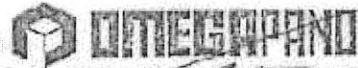
Signature with Seal (Tenderer)

Signature with Seal (Manufacturer/Assembler)

Part 2C:
Item No. 10.1 SDB-SR

Description	Bangladesh Banks Requirement	Tenderers offered Specification
Brand and Model	Mentioned by bidder	SIEMENS ALPHA UNIVERSAL
Manufacturing Standard	ISO 9001, ISO 14001, OHSAS 18001 & IEC 61439-1/2, Type test from KEMA/CESI/ ASTA or equivalent International lab	ISO 9001, ISO 14001, OHSAS 18001 & IEC 61439-1&2, Type test from VDE/ Siemens (LOVAG approved LAB)
Country of Assembling	Mentioned by Bidder	Turkey
Operating voltage	415V	415V
Operating Frequency	50Hz	50Hz
Busbar Material	Solid Copper	Solid Copper
Rated current for bus	100Amps	100Amps
Number of bus bars	5 (L1, L2, L3, N&PE)	5 (L1, L2, L3, N&PE)
Busbar Size (sqmm)	Size including brand & origin Mentioned by Bidder	1x10x5 Brand – SARKUYSAN Origin – Turkey
Rated short-time withstand current	25KA	25KA
Rated peak current	56KA	56KA
SDB Enclosure/Switch Board	Size, Brand & Model mentioned by bidder (Siemens /ABB /Eaton / Schneider or equivalent)	1050 x 660 x 250MM SIEMENS ALPHA UNIVERSAL
SDB Enclosure/Switch Board Origin & Assembling	USA/UK/EU/Turkey/Japan or equivalent	Origin: Germany Assembling: Turkey
Degree of protection	IP55	IP55
Voltage Indicating lamps Red/Blue/Yellow	Brand, Model & Origin mentioned by Bidder with auxiliary components	SIEMENS 3SU Origin - Czech Republic
Incoming		
32A TP MCCB (Adjustable, 36KA) with ETU(LI)	Brand, Model & Origin mentioned by Bidder (Siemens /ABB /Eaton / Schneider from USA/UK/EU) * Catalog need to be submitted)	SIEMENS 3VA2063-4HL32-0AA0 Czech Republic
1x 40KA, TPN-E Surge Protective Device (Type-2) with 63A, 4P-MCB (25KA)	Brand, Model & Origin mentioned by Bidder with auxiliary components	SIEMENS MCB: 5SY8463-7 & SPD: 5SD7464-0 Germany
Outgoing		
2X10A TP MCB (15KA)	Brand, Model & Origin mentioned by Bidder (Siemens /ABB /Eaton / Schneider or equivalent from USA/UK/EU)	SIEMENS 5SY7310-7 Germany
5X16A SP MCB (15KA)	Brand, Model & Origin mentioned by Bidder	SIEMENS

	(Siemens /ABB /Eaton / Schneider or equivalent from USA/UK/EU)	5SY7116-7 Germany
10X5/10A SP MCB (15KA)	Brand, Model & Origin mentioned by Bidder (Siemens /ABB /Eaton / Schneider or equivalent from USA/UK/EU)	SIEMENS 5SY7106-7 / 5SY7110-7 Germany
Dimension of SDB (HxWxD)	Mentioned by bidder	1050 x 660 x 250MM



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4.Cad. No:18 Yakuplu - Beylikdüzü - İSTANBUL
Beylikdüzü V.D. 6420554932
Sermayesi: 19.000.000 TL

Signature with Seal (Tenderer)

Signature with Seal (Manufacturer/Assembler)

Item No. 10.2 SDB-SR-1

Description	Bangladesh Banks Requirement	Tenderers offered Specification
Brand and Model	Mentioned by bidder	SIEMENS ALPHA UNIVERSAL
Manufacturing Standard	ISO 9001, ISO 14001, OHSAS 18001 & IEC 61439-1/2, Type test from KEMA/CESI/ ASTA or equivalent International lab	ISO 9001, ISO 14001, OHSAS 18001 & IEC 61439-2, Type test from VDE/ Siemens (LOVAG approved LAB)
Country of Assembling	Mentioned by Bidder	Turkey
Operating voltage	415V	415V
Operating Frequency	50Hz	50Hz
Busbar Material	Solid Copper	Solid Copper
Rated current for bus	200Amps	200Amps
Number of bus bars	5 (L1, L2, L3, N&PE)	5 (L1, L2, L3, N&PE)
Busbar Size (sqmm)	Size including brand & origin Mentioned by Bidder	1x20x5 Brand – SARKUYSAN Origin – Turkey
Rated short-time withstand current	25KA	25KA
Rated peak current	56KA	56KA
SDB Enclosure/Switch Board	Size, Brand & Model mentioned by bidder (Siemens /ABB /Eaton / Schneider or equivalent)	1050 x660 x250MM SIEMENS ALPHA UNIVERSAL
SDB Enclosure/Switch Board Origin & Assembling	USA/UK/EU/Turkey/Japan or equivalent	Origin: Germany Assembling: Turkey
Degree of protection	IP55	IP55
Voltage Indicating lamps Red/Blue/Yellow	Brand, Model & Origin mentioned by Bidder with auxiliary components	SIEMENS 3SU Origin - Czech Republic
Incoming		
100A TP MCCB (Adjustable, 36KA) with ETU(LI)	Brand, Model & Origin mentioned by Bidder (Siemens /ABB /Eaton / Schneider from USA/UK/EU) * Catalog need to be submitted)	SIEMENS 3VA2010-4HL32-0AA0 Czech Republic
1x 40KA, TPN-E Surge Protective Device (Type-2) with 63A, 4P-MCB (25KA)	Brand, Model & Origin mentioned by Bidder with auxiliary components	SIEMENS MCB: 5SY8463-7 & SPD: 5SD7464-0 Germany
Outgoing		
3X40A TP MCB (15KA)	Brand, Model & Origin mentioned by Bidder (Siemens /ABB /Eaton / Schneider or equivalent from USA/UK/EU)	SIEMENS 5SY7340-7 Germany
4X32A TP MCB (15KA)	Brand, Model & Origin mentioned by Bidder (Siemens /ABB /Eaton / Schneider or	SIEMENS 5SY7332-7

	equivalent from USA/UK/EU)	Germany
6X20/25A SP MCB (15KA)	Brand, Model & Origin mentioned by Bidder (Siemens /ABB /Eaton / Schneider or equivalent from USA/UK/EU)	SIEMENS 5SY7120-7/ 5SY7125-7 Germany
Dimension of SDB (HxWxD)	Mentioned by bidder	1050 x660 x250MM



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4.Cad. No:18 / Beşiközü - Beylikdüzü - İSTANBUL
Beylikdüzü V.D. : 6420054932
Sermayesi: 19.000.000 TL

Signature with Seal (Tenderer)

Signature with Seal (Manufacturer/Assembler)