

Clarification Meeting

Technical Evaluation of Metering Substation panels and modules Enquiry

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Metering substation panels and modules Enquiry

	Description	SAP
1	SWING FRAME CABINET (FRONT ENTRY)	0402613
2	SWING FRAME CABINET (BACK ENTRY)	0579563
3	METER CABINET – SLIMLINE WALL MOUNT	0574602
4	METER MODULE – <u>OLD</u> SURFACE MOUNT 4-WAY	0175685
5	METER MODULE – SURFACE MOUNT 4-WAY	0569918
6	METER MODULE – 19” RACK MOUNT 4-WAY	0569920
7	METER MODULE – SURFACE MOUNT 6-WAY	0569919
8	METER MODULE – 19” RACK MOUNT 6-WAY	0569921
9	VOLTAGE SELECTION MODULE A	0175686
10	VOLTAGE SELECTION MODULE B	0175687

Metering substation panels and modules Enquiry

	Description	SAP
11	VOLTAGE SELECTION MODULE C	0230643
12	VOLTAGE SELECTION MODULE D	0175688
13	INTERPOSING MODULE A	0175671
14	INTERPOSING MODULE B	0183992
15	QUALITY OF SUPPLY MODULE	0230644
16	MODEM MODULE WITH TRUNKING	0230645
17	PLATE BLANKING 3U	401952
18	PLATE BLANKING 5U	401956
19	PLATE BLANKING 7U	401958
20	FITMENT OF MODULES INTO PANELS	

Metering substation panels and modules Enquiry

- **240-65292589: Standard for substation meter panels: HV/MV indoor**
- **D-DT-5804 Manufacturing drawings for metering substation panels**
- **240-60725641: Specification for standard (19 inch) equipment cabinets**
- **0.52-30614: 2400(H) X 600(W) X 600(D) back entry substation cabinet**
- **D-DT-5400 Distribution 2400(H) X 800(W) X 600(D) swing frame cabinet**



- Technical evaluation will be conducted over two phases
- Phase 1: Mandatory, Product A&B Schedules, Risk and Support
 - Duration: 1 month
 - Phase 2: Panels and modules sample evaluation
 - Duration: 2 months

NB: No previous evaluations, supply agreements and contracts has any input on this evaluation. Completely independent process

Technical scoring breakdown

Technical Evaluation Criteria	Weighting	Minimum Threshold
Product A&B Schedules, Risk and Support (phase 1)	50	85%
Panels and modules Evaluation (phase 2)	50	85%

- The excel sheet, contains the following sheets that need to be completed:
 - General questionnaire
 - Mandatory requirements
 - A&B schedule
 - Risk and Support Questionnaire
- All information must be completed in electronic format in the Excel workbook.
- Do not password protect the Excel sheets.
- The Excel workbook shall also be filed in a PDF copy for audit trail purposes

Gatekeeper, A&B Schedules and Risk & Support Questionnaire – Excel Sheets

- Provide detailed information on the type of equipment that will be used. In the absence of detail your scores will be amended from “Yes” to “Partial” or even “No”

Example:

	A	B	C	D	E
1	Substation metering cabinets and modules				
	The technical requirements for these items are based on the requirements as stipulated in 240-65292589				
2	Clause	DESCRIPTION	SCHEDULE A	SCHEDULE B Yes (or Y), Partial (or P), No (or N)	Response
13	2	Metering modules - manufactured according to 240-65292589 and D-DT-5084			
14	2.1	Meter module – OLD surface mount 4-way complete with:			
15		Front plate including -			
16		- PK2 - 4 way test blocks	State type and manufacturer	Yes	PK2 - 4-way supplied by IST
17		- Terminals	State type and manufacturer	Yes	Weidmuller WDU 6 SL
18		- Communication 4-way patch box	State type and manufacturer	Yes	
19		- Trunking	State compliance	Yes	No deviation
20		- Wiring	State compliance	Yes	No deviation
21		Horizontal Back plate including -			
22		- MCBs 5 or 6A, 5 kA AC	State type and manufacturer	Yes	CBI QF 1 D (13) 5A
23		- MCBs 5 or 6A, 5 kA DC	State type and manufacturer	Yes	Scheider C60H DC 5A
24		- Terminals	State type and manufacturer	Yes	Weidmuller WDU 6 SL
25		- Trunking	State compliance	Yes	No deviation
26		- Wiring	State compliance	Yes	No deviation

Suppliers / manufacturers shall be advised of their qualification for the evaluation where after they will prepare the samples. The samples must be ready for inspection six weeks after notification.

The evaluations shall be conducted at the supplier / manufacturer premises.

The successful tenderers shall be required to provide samples of the following items for technical and quality evaluations:

- 1.Item 5 - METER MODULE – SURFACE MOUNT 4-WAY
- 2.Item 8 - METER MODULE – 19” RACK MOUNT 6-WAY
- 3.Item 12 - VOLTAGE SELECTION MODULE D
- 4.Item 1 – SWING FRAME CABINET (FRONT ENTRY)
- Note: The modules shall be mounted in the swing frame cabinet for inspection

Thank you