



Multan ELECTRIC Power COMPANY
OFFICE OF DIRECTOR (PROCUREMENT) DIST:
Khanewal Road, Multan Ph. # 061-9220279, Fax # 6776314

**MINUTES OF PRE BID MEETING HELD ON 29.07.2025 AT 11:00 HRS REGARDING TENDER
NO 25/25 (AMR THREE PHASE ENERGY METERS)**

The proceeding of Pre-Bid Meeting were started with recitation of Holy Quran by Mr Muhammad Hasnain Shakeel Director (Procurement) Distribution MEPCO after that Mr. Khalid Mehmood General Manager (Technical) started the meeting with introduction of participants and later on following clauses of the bidding documents were discussed and the necessary clarifications/Amendments are tabulated below which shall be treated as integral part of Bidding Documents.

Sr No	Clause # of Bidding Documents	Clause Statement	Firm's Query	MEPCO Response
1	Page # 57 Clause BDS 10 ITB 13.3B Sub-clause 2	The Bidder/manufacture shall attach with the bid, copies (with English translation) of the contract agreement(s) and completion certificate(s)/delivery document(s) (bill(s) of lading, inspection certificate(s) etc.), duly notarized , for the contract(s). The Bidder is required to include with its Bid, documentation from the manufacturer of the goods, that it has been duly authorized to deliver, in Pakistan, the goods indicated in its Bid.	Kindly explain this clause, we think its related to Foreigner Bidders.	Not required for Manufacturers participating as bidders

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2	Page # 65 Clause 1.4	The successful bidder has to submit PITC UDIL compliance requirements for Tier-1 Certification to PITC within 14 days of issuance of LOI and obtain UDIL compliance Tier-1 certificate from PITC within 30 days	We will submit the meters to PITC within 14 Days from LOI date for UDIL testing but testing and issuance of UDIL certificate is on PITC part, we could not provide insurance to get it in 30 days. Kindly delete the 30 days' time period.	The Period can be extended on recommendation of PITC
3	Page # 66 Clause 1.11	Bidder is bound to provide Read Only complete MDC access and he will certify the same along-with Bid	MDC access can be available through MDM.	Agreed
4	Page # 67 Clause 1.17	MEPCO will provide Consumers wise details where AMR Meters are to be installed subsequently the SIMs will be provided on the basis of bidder's field survey for best network availability on all meters	Meter installation is not included in the scope of work. Kindly delete these lines.	This clause stands deleted
5	Page # 68 Clause 1.23	The MDM interface of PITC shall be used. In case of development of MEPCO's own MDM in future, the integration of supplied MDC will be carried out by the bidder within the warranty period of MDC.	Integration with MEPCO MDM can be done if it is developed / designed as per existing MDM and UDIL requirements.	Tender document clause Shall remain intact

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6	Page # 68 Clause 1.26	The last communication of AMR Meter with MDC should be displayed on meter LCD in normal mode with date and time stamp as last quantity in display sequence.	Both clauses are contradictory, kindly confirm the requirement.	Clause No 1.26 will prevail and Clause No 1.28 stands deleted
7	Page # 68 Clause 1.28	The reading display parameters in normal mode of 3-phase whole current and LT/HT AMR meters shall be programmed by default by the manufacturer as per DDS.		
8	Page # 71	Test Certificate The firm will enclose with each consignment, manufacturer's test certificate in triplicate conforming that the goods offered conform to requirements of the tender and literature / broacher provided with the equipment.	Kindly explain this, is it Inspection Certificate or anything else?	The word Test Certificate shall be Treated as Inspection Certificate.
9	Page # 120 & Page # 126	Payment Terms	Both clauses are contradictory. We requested you to implement the payment terms described in clause 38.2 on page # 120	Payment against material will be issued as under; a) "95% payment will be made upon delivery of material" b) "5% payment will be made upon issuance of Tier-2 UDIL Certificate" c) 5% performance guarantee will be released after the issuance of Satisfactory Project Completion/Acceptance Certificate

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				by they committee headed by Chief Engineer/ (CS Director) whereas concerned RM M&T-I, RM M&T-II, In-charge AMI Cell & Manager MM, will be members . The Project Completion/Acceptance Certificate will be issued on expiry of warranty period, replacement of damaged / defective Smart Energy Meters and obligatory remedial measures to be taken by the vendor, in the Page 12 of 38 light of recommendations of the committee (mentioned in clause “v” of the special conditions) as per warranty clauses, mentioned in GCC & PCC.
10	Tender Notice	The bidder must be having valid prototype approval (where applicable) as per NTDC specifications / drawings (Amended to-date).	Bidder must be registered and pre-qualified with the DISCOs under category M5. Please confirm.	MEPCO Clause Shall remain intact
11	BDS Clause 1	Delivery Schedule	Please amend as per following 30% within 90 days 30% within 120 days 40% within 150 days	Delivery Schedule for all LOTs Shall be reckoned from issuance date of Purchase Order as under 30% within 60 days 30% within 90 days 40% within 120 days
12	BDS Clause 9	Spare parts required for Number of years of operation as specified NTDC/WAPDA/PPMC Specification (Amended up-to date)	There are no spare parts required as per DDS. Please delete this requirement.	This clause stands deleted

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13	BDS Clause 35	a) Domestic preference to apply.	As per the BDS, Joint Ventures are not allowed and the NCB (National Competitive Bidding) process is to be followed. In this context, could you please clarify how domestic preference will be applied?	MEPCO Clause Shall remain intact.
14	Specifications 1.8	The bidder will be required to provide documents mentioning the mechanism for security of data from meter to MDC.	Furnishing the DLMS certificate shall suffice this requirement. Please confirm.	Issuance date of DLMS Certificate should be not be more than two years. Furthermore, a certificate would be required as "It is certified that primary and derived electrical quantities from MDC schema to UDIL schema will be without any treatment. If any discrepancy is identified, the vendor will be held responsible leading to revalidation of UDIL certificate or cancellation of UDIL as per decision taken jointly by DISCO & PITC"
15	Specifications 1.9	Necessary backup warranty and training to officers/officials of MEPCO as recommended in the relevant clauses of NTDC specification DDS-65:2003 (amended to date)	Please amend to read as DDS-60 (Amended to date)	May be read as DDS-60:2020 (Amended to date)
16	Specifications 1.9	The bidder will also provide documents mentioning the mechanism for implementing security of software programming.	Furnishing the DLMS certificate shall suffice this requirement. Please confirm.	Clarified at Sr. No. 14
17	Specification 1.10	In case of damage of meter, the security of EEPROM must be ensured and data should be readable from EEPROM.	Please confirm that data should be readable only if there is no physical damage to the EEPROM.	Agreed

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18		Each AMR Single Phase Energy Meter should have unique password. The list of meters along with their password should be provided to M&T offices.	Please amend to read as Three Phase AMR Energy Meter.	Agreed
19	Specifications 1.17	MEPCO will provide Consumers wise details where AMR Meters are to be installed subsequently the SIMs will be provided on the basis of bidder's field survey for best network availability on all meters.	Since meter installation and SIMs are to be arranged by MEPCO/PITC and there is no provision in the BOQ for the cost of such survey, you are requested to share the required data with telecom companies for network coverage confirmation. Please amend.	This clause stands deleted
20	Section VI	Standard Forms	As JV is not allowed, please delete all the JV related forms, including manufacturer's authorization.	MEPCO Clause shall remain intact.
21	SCC 1.1 (q)	The title of the subject procurement or The Project is: AMR Single Phase Energy Meters	Please amend to read as AMR Three Phase Whole Current Energy Meters.	Agreed
22	SCC 16	Warranty Period	Any damage occurred due any reason other than manufacturing fault is not covered under warranty. Please confirm.	MEPCO Clause shall remain intact.
23	SCC 18	Payment	100% payment should be made upon delivery as 5% performance security is already being provided. Please amend.	Clarified above at Sr 9
24	SCC 21	Liquidated Damages Maximum deduction: is equal to the 10% of the contract price exclusive GST. Note:- 0.10 percent per day of undelivered material/good's	Liquidated Damages Clause should be amended to read as under Instead of existing as is being done by other DISCOS.: "To recover from you liquidated damages levied at the rate of two (2%) percent of the value of UNDELIVERED GOODS per month or a fraction thereof subject to a maximum of ten (10%) except".	Liquidated Damages Maximum deduction: is equal to the 10% of the contract price inclusive of GST. Note:- 0.10 percent per day of undelivered material/good's
25	BDS 1	Delivery Schedule 30% within 45 days	Considering the significantly large quantity of meters, the current delivery	Clarified at Sr No 11 above

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		30% within 75 days 40% within 105 days	schedule appears to be too short and challenging to meet. Therefore, it is respectfully requested to revise the delivery timeline as follows: 30% within 90 days 30% within 150 days 40% within 210 days	
26	BDS 13	The Bid Validity period shall be 120-days.	As per standard practice, it is requested to revise bid Validity period for 90-days.	MEPCO Clause Shall remain intact.
27	BDS 18	21.2 Written confirmation of authorization are: <i>[list acceptable confirmation of authorizations]]</i>	Please explain what does this clause actually describes.	This clause is not applicable in case the bidder is a Manufacturer
28	SCHEDULE-A to Bid Technical Specifications SPECIFICATIONS- TECHNICAL PROVISIONS	1.5 The communication module shall be 4G and must be downward compatible upto 2G without changing the SIM for remote metering system (PTA Compliant).	Currently, the 3G network is widely available across Pakistan, whereas the 4G network is limited to certain areas. Therefore, it is respectfully requested to revise the clause to the 4G/3G communication module accordingly. Moreover, 3G module is sufficient enough to ensure data communication smoothly.	Communication module shall be 4G/2G (4G modules downward compatible to 2G)
29	SCHEDULE-A to Bid Technical Specifications SPECIFICATIONS-	1.6 The bidder must have valid prototype approval for the offered material with 4G module according to relevant DDS and IEC standards (all amended to date). Manufacturer possessing valid prototype with 3G communication module shall be	In case of new prototype approval, the UDIL submission shall be made within 14 days of the prototype approval. However, the prototype submission must be completed within 30 days of the issuance of the Letter of Intent (LOI).	MEPCO Clause shall remain intact



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	TECHNICAL PROVISIONS	eligible for participating in bidding process however if the most advantageous bidder does not have valid prototype approval with 4G Module they shall obtain the same without affecting the delivery schedule.		
30	SCHEDULE-A to Bid Technical Specifications SPECIFICATIONS- TECHNICAL PROVISIONS	1.17 MEPCO will provide Consumers wise details where AMR Meters are to be installed subsequently the SIMs will be provided on the basis of bidder's field survey for best network availability on all meters....	Please confirm that the survey will be executed by the bidder and that Mepco will coordinate to trace the locations.	Clarified at Sr No 19 above
31	SCHEDULE-A to Bid Technical Specifications SPECIFICATIONS- TECHNICAL PROVISIONS	1.20 On demand reading should be retrieved and the response time of On Demand reading should not be more than two minute or any other frequency set by MEPCO	on demand reading is highly dependent on network strength, thus 2 minutes threshold is too short. It must be minimum 5 minutes	Threshold shall be three (03) minutes
32	SCHEDULE-A to Bid Technical Specifications SPECIFICATIONS- TECHNICAL PROVISIONS	1.25 C MEPCO shall have provision to enable and disable the feature (Remote disconnect/ reconnect for both scenarios) locally by meter software and remotely by head end system. Further to this in case of disconnection command execution	MDM shall have this provision	1.25C MEPCO shall have provision to enable and disable the feature (Remote disconnect/ reconnect for both scenarios) locally by meter software and remotely by Head End /MDM. Provision of individual/bulk command as per UDIL.

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		(Individual / bulk AMR meters(s)), the AMR meter(s) will execute the relay command and make the AMR meter(s) into "Keep Alive Mode" the same AMR meter will become into "Non-Keep Alive" mode after execution of (Individual / Bulk AMR meter(s)) reconnection command.		Vendor will ensure that all meters should be in Keep Alive Mode and per month consumption should not exceed 30 MB/SIM.
33	SCHEDULE-A to Bid Technical Specifications- TECHNICAL PROVISIONS clause 1.5 [Page No. 66 of Tender Nos. 24/26, 25/26 and 26/26]	The communication module shall be 4G and must be downward compatible upto 2G without changing the SIM for remote metering system (PTA Compliant).	Where in 4G communication module downward compatible up to 2G is required to be provided in the AMR meters to be supplied under subject tenders. We understand that 4G/2G communication module will be acceptable to MEPCO in future as the matter was already discussed and agreed during meeting of MEPCO with meter manufacturer in the office of CE S&S. please confirm if our understanding is correct or still MEPCO requires 4G/3G/2G communication module. Please note that globally many Telcos have shut down 3G services including Jazz in Pakistan. Also, due to obsoleting of 3G technology, the module manufacturers are also gradually phasing out manufacturing of 3G communication module. Consequently 4G/2G (4G modules downward compatible to 2G) communication modules are becoming cheaper than 4G/3G/2G.	Communication module shall be 4G/2G (4G modules downward compatible to 2G)

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34	SCHEDULE-A to Bid Technical Specifications TECHNICAL PROVISIONS clause 1.6 [Page No. 66 of Tender Nos. 24/26, 25/26 and 26/26]	The bidder must have valid prototype approval for the offered material with 4G module according to relevant DDS and IEC standards (all amended to date). Manufacturer possessing valid prototype with 3G communication module shall be eligible for participating in bidding process however if the most advantageous bidder does not have valid prototype approval with 4G Module they shall obtain the same without affecting the delivery schedule.	Since MEPCO confirmed that manufacturers possessing valid Prototype with 3G communication module are eligible for participating in bidding but most advantageous bidder have to get fresh Prototype approval as per 4G without effecting the delivery schedule. As time line for Prototype testing solely depends on availability of S&S inspectors so it is requested that delivery period shall be reckoned from data of approval of prototype.	Clarified at Sr No 11 above
35	Bid Data Sheet (BDS) clause 10 sub clause 2. Manufacturing Experience Criteria [Page No. 57 of Tender Nos. 24/26, 25/26 and 26/26]	The manufacturer must have at least 5 years design/manufacturing experience of energy meters (Single Phase/Three Phase). Details in this regard should be submitted in the prescribed format given in standard forms of Bidding documents. The Bidder/manufacturer shall attach with the bid, copies (with English translation) of the contract agreement(s) and completion certificate(s)/delivery document(s) (bill(s) of lading, inspection certificate(s) etc.), duly notarized, for the contract(s). The Bidder is required to include with its Bid, documentation from the manufacturer of the goods,	Requirement of experience documents to be submitted dully notarized is a new one which may be a typo error. Kindly remove this requirement as it is not relevant.	Clarified at Sr No 01 above

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		that it has been duly authorized to deliver, in Pakistan, the goods indicated in its Bid.		
36	Bid Data Sheet (BDS) clause 10 sub clause 3. Performance Criteria [Page No. 57 of Tender Nos. 24/26, 25/26 and 26/26]	(ii) In above context, at least two (02) satisfactory operational certificates shall be submitted with the bid from the end user(s) of supplied equipment/goods. The submitted operational certificate must indicate the name of the end user/client along with its contact address, phone numbers, fax numbers, web-site and e-mail addresses. The bidder must also submit with the bid the copies of contract agreements along with performance certificates (along with translation in English if original is in different language) for these supplies. Further, the summary of operational experience be provided as per standard forms of Bidding documents	Satisfactory operational certificates could be of Single-Phase Meters or Three Phase Meters or both? Please clarify.	Satisfactory operational certificate could be of Single-Phase AMR Meters or Three Phase AMR Meters
37	Special Conditions of Contract (SCC) clause 21 Liquidated Damages [Page No. 126 of Tender No. 24/26 and Page No. 127 of Tender No. 25/26 & 26/26]	Note:- 0.10 percent per day of undelivered material/good's	Liquidated Damages should be 0.05% per day of undelivered material/goods.	Clarified at Sr. No. 24

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38	Delivery & Completion Schedule [Page No. 78 of Tender No. 24/26 and Page No. 79 of Tender No. 25/26 and 26/26]	Lot-1 30% within 45 days, 30% within 75 days and 40% within 105 days Lot-2 30% within 45 days, 30% within 75 days and 40% within 105 days Lot-3 30% within 45 days, 30% within 75 days and 40% within 105 days	Lot-1 50% delivery should be within 120 days and the remaining 50% in 150 days. Lot-2 50% delivery should be within 120 days and the remaining 50% in 150 days. Lot-3 50% delivery should be within 120 days and the remaining 50% in 150 days.	Clarified at Sr No 11 above
39	GENERAL CONDITIONS OF THE CONTRACT (GCC) Terms of Payment clause 32.2 [Page No. 118, 119 of Tender No. 24/26 and Page No. 119, 120 of Tender Nos. 25/26 and 26/26]	The Supplier's request for payment shall be made to the Purchaser in writing, accompanied by invoices describing, as appropriate, the Goods delivered by the documents submitted pursuant to upon fulfillment of all the obligations stipulated in the Contract. The currency or currencies in which payments shall be made to the Supplier under this Contract shall be specified in the SCC The currency or currencies in which payments shall be made to the Supplier under this Contract shall be specified in the SCC. Payment against material will be issued as under; a) "95% payment will be made upon delivery of material" b) "5% payment will be	100% payment should be made upon delivery of meter as there will be performance Bond available with MEPCO as security.	Clarified at Sr No 9 above

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		made upon issuance of Tier-2 UDIL Certificate"		
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Director Procurement (Dist)
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Incharge AMI Cell
MEPCO HQ Multan


Dy. Manager (Proc)
MEPCO HQ Multan


Chief Supply Chain Management Officer
MEPCO HQ Multan