

# Standard Bidding Document

TENDER NO 4386 (SUPPLY, INSTALLATION, CONFIGURATION,  
TESTING AND COMMISSIONING OF ASSET PERFORMANCE  
MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA, 100kVA,  
200kVA & 630-kVA DISTRIBUTION TRANSFORMERS ON 10-NOS.  
HIGH AT&C LOSS FEEDERS  
(Goods)

National

Single Stage-One Envelope



*June 21, 2026*

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# INVITATION TO BIDS

## PROCUREMENT OF GOODS

1. The **LAHORE ELECTRIC SUPPLY COMPANY (MATERIAL MANAGEMENT)** has reserved Funds for the procurement planned for FY **2026-27**. The **LAHORE ELECTRIC SUPPLY COMPANY (MATERIAL MANAGEMENT)** intends to apply part of the proceeds of this Fund to cover eligible payments under the contract for the "**TENDER NO 4386 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA, 100kVA, 200kVA & 630-kVA DISTRIBUTION TRANSFORMERS ON 10-NOS. HIGH AT&C LOSS FEEDERS**".

2. The **LAHORE ELECTRIC SUPPLY COMPANY (MATERIAL MANAGEMENT)** invites E-bids from eligible Bidders for procurement of goods described in the bidding documents on **EPADS v2.0**.

3. **Single Stage-One Envelope** will be used by adopting **Least Cost Based Selection (LCBS)** Technique for the subject procurement, in line with the Public Procurement Rules, 2004 and any Regulations, Regulatory Guides, Procurement Guidelines or Instructions issued by the Authority from time to time.

4. All Bids must be accompanied by a Bid Security amount described in Bid Security Section in Bidding Document in the form of **Pay Order, Banker's Cheque, Call at Deposit, Bank Guarantee, Demand Draft**. Where **Bid Security** is not required by the **Procuring Agency**, Bidders are required to furnish **Bid Security Declaration** as specified in Bidding Document.

5. E-Bidding documents, containing detailed terms & conditions, specifications and requirements etc. are available on **e-Pak Acquisition and Disposal System (EPADS)** at <https://vendors.epads.gov.pk/>.

6. Bidder(s) are required to get themselves registered on **EPADS v2.0** on or before **Monday, July 6, 2026 10:30 AM**. E-bids will be opened using **EPADS v2.0** on the same day at **Monday, July 6, 2026 11:00 AM**. Manual submission of Bids shall not be entertained. Those vendors who have not yet

registered on the new version of **EPADS v2.0**, may register themselves on <https://vendors.epads.gov.pk/>. A tutorial to explain the registration process is available at <https://www.youtube.com/watch?v=MNW6T38v7tc>

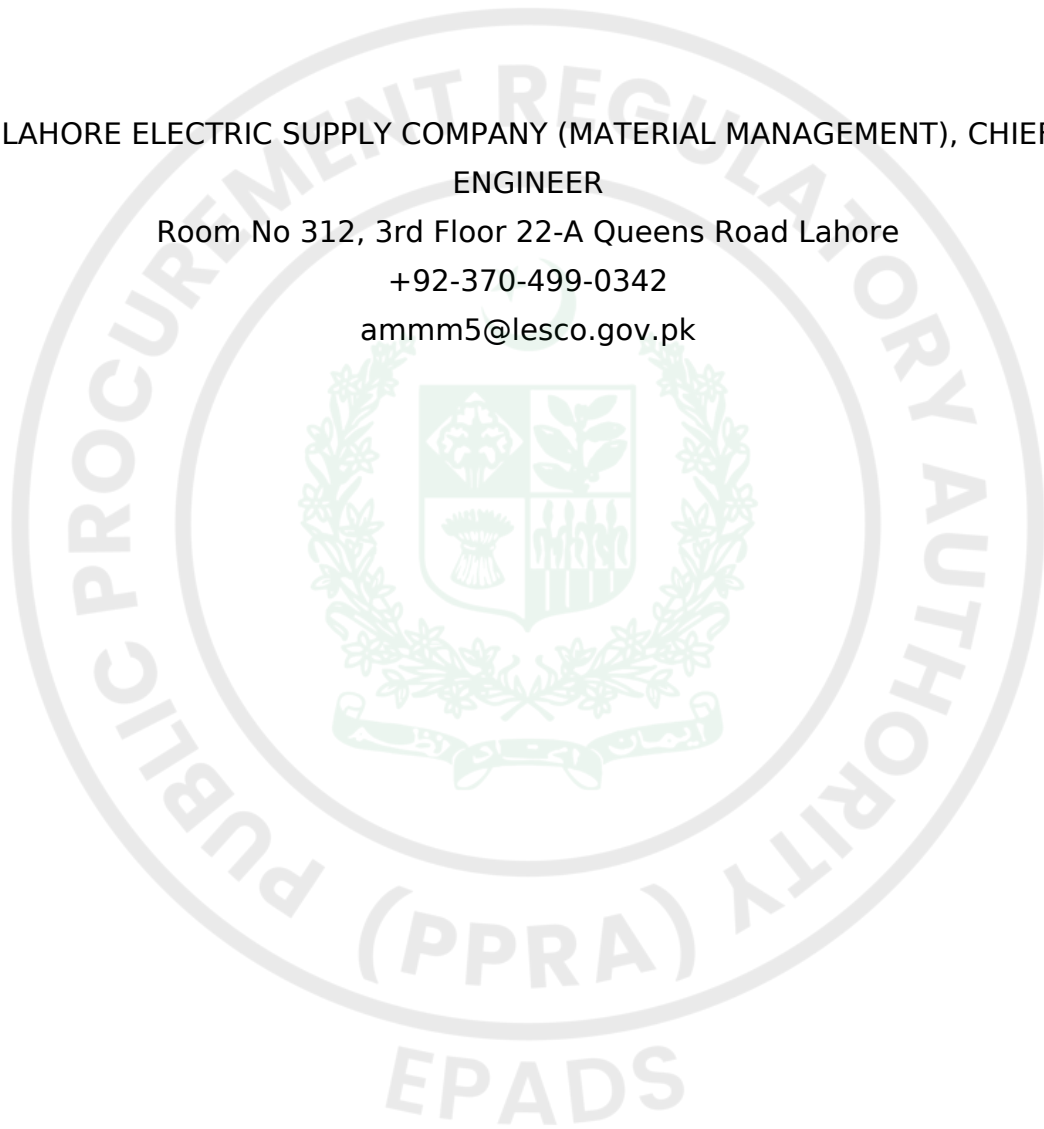
7. In terms of Rules 48 of Public Procurement Rules, 2004 Grievance Redressal Committee (GRC) is notified for the subject procurement and notification copy is available on the procuring agency's website and on Authority's website at ([www.ppra.org.pk](http://www.ppra.org.pk)).

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# Instructions to Bidders

## A. Introduction

### 1.Scope of Bids

1.1 The Procuring Agency (PA), as indicated in the **Bids Data Sheet (BDS)** invites Bids **through EPADS v2.0** for the provision of Goods for as specified in the BDS and **in Section V - Evaluation Criteria, Specifications & Schedule of Requirements**. The name, identification, and number of items/deliverables are provided in the **BDS**. The successful Bidders will be expected to provide the goods within the specified period and timeline(s) as stated in the **BDS**.

### 2. Source of Funds

2.1 Source of funds is referred in Clause-1 of Invitation for Bids.

### 3. Eligible Bidders

3.1 A Bidder may be natural person, company or firm or public or semi-public agency of Pakistan or any foreign country, or any combination of them with a formal existing agreement (on Judicial Papers) in the form of a joint venture, consortium, or association. In the case of a joint venture, consortium, or association, all members shall be jointly and severally liable for the execution of the Contract in accordance with the terms and conditions of the Contract. The joint venture, consortium, or association shall nominate a Lead Member as nominated in the BDS, who shall have the authority to conduct all business for and on behalf of any and all the members of the joint venture, consortium, or association during the Bidding process, and in case of award of contract, during the execution of the contract.

3.2 Verifiable copy of the agreement that forms a joint venture, consortium or association shall be required to be submitted as part of the Bid.

3.3 The appointment of Lead Member in the joint venture, consortium, or association shall be confirmed by submission of a valid Power of Attorney to the Procuring Agency.

3.4 Any bid submitted by the joint venture, consortium or association shall indicate the part of proposed contract to be performed by each party and each party shall be evaluated (or post qualified if required) with respect to its contribution only, and the responsibilities of each party shall not be substantially altered without prior written approval of the Procuring Agency and in line with

any instructions issued by the Authority.

*(The limit on the number of members of JV or Consortium or Association may be prescribed in BDS, in accordance with the guidelines issued by the PPRA).*

3.5 The invitation for Bids is open to all prospective suppliers, manufacturers, or authorized agents / dealers subject to any provisions of incorporation or licensing by the respective national incorporating agency or statutory body established for that particular trade or business. Procuring agencies shall specify the registration/licensing requirements for the foreign bidders keeping in view the requirement of that business.

3.6 A Bidder shall not have a conflict of interest. All Bidders found to have a conflict of interest shall be disqualified. A Bidder may be considered to have a conflict of interest with one or more parties in this Bidding process, if they:

1. are associated or have been associated in the past, directly or indirectly with a firm or any of its affiliates which have been engaged by the Procuring Agency to provide consulting services for the preparation of the design, specifications and other documents to be used for the procurement of the Goods to be purchased under this Invitation for Bids.
2. have controlling shareholders in common; or
3. receive or have received any direct or indirect subsidy from any of them; or
4. have the same legal representative for purposes of this Bid; or
5. have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the Bids of another Bidder, or influence the decisions of the Procuring Agency regarding this Bidding process; or
6. Submit more than one Bid in this Bidding process.

3.7 A Bidder may be ineligible if –

1. he is declared bankrupt or, in the case of company or firm, insolvent;
2. payments in favor of the Bidder is suspended in accordance with the judgment of a court of law other than a judgment declaring bankruptcy and resulting (in accordance with the national laws) in the total or partial loss of the right to administer and dispose of its property;

3. the Bidder is convicted, by a final judgment, of any offence involving professional conduct;

4. the Bidder is blacklisted locally or by international organizations and hence debarred due to involvement in corrupt and fraudulent practices, or performance failure or due to breach of Bid securing declaration.

3.8 As and when required, bidders shall provide to the Procuring Agency evidence of their eligibility, proof of compliance with the necessary legal requirements to carry out the contract effectively.

3.9 Bidders shall submit Bids relating to the nature, conditions and modalities of sub-contracting wherever the sub-contracting of any elements of the contract amounting to more than ten (10) percent of the Bid price is envisaged.

## 4. Eligible Goods and Related Services

4.1 All goods and related services to be supplied under the contract shall have their origin in eligible source countries, and all expenditures made under the contract will be limited to such goods and services. For purpose of this Bid, ineligible countries are the countries declared ineligible by the Federal Government.

## 5. One Bid per Bidder

5.1 A bidder shall submit only one Bid, in the same bidding process, either individually as a Bidder or as a member in a joint venture or any similar arrangement.

5.2 The Bidder shall not engage a subcontractor for any portion of the contract if the value of such subcontracting exceeds thirty percent (30%) of the total contract amount.

## 6. Cost of Bidding

6.1 Any cost incurred by the bidder relating to the preparation and submission of its Bid shall be borne by the bidder, and the Procuring Agency shall in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

## B. Bidding Documents

## 7. Contents of Bidding Document

7.1 The Goods required, Bidding procedures, and terms and conditions of the contract are prescribed in the Bidding Documents. In addition to the Invitation for Bids, the Bidding documents which should be read in conjunction with any addenda issued in accordance with **ITB 9.1** include:

**Section I** -Invitation to Bids

**Section II** Instructions to Bidders (ITB)

**Section III** Bid Data Sheet (BDS)

**Section IV** Evaluation Criteria, Specifications, Schedule of Requirements

**Section V** Bid Forms

**Section VI** General Conditions of Contract (GCC)

**Section VII** Special Conditions of Contract (SCC)

**Section VIII** Contract Forms

7.2 The Bidder is expected to examine all instructions, forms, terms and specifications in the Bidding documents. Failure to furnish all the information required in the Bidding documents through **EPADS v2.0** will be at the Bidder's risk and may result in the rejection of his Bids.

## 8. Clarification of Bidding documents

8.1 A prospective Bidder requiring any clarification of the Bidding documents may notify the Procuring Agency through **EPADS v2.0**.

8.2 The Procuring Agency will within three (3) working days after receiving the request for clarification, respond to any request for clarification through **EPADS v2.0** provided that such request is received not later than three (03) days prior to the deadline for the submission of Bids as prescribed in **ITB 22**

8.3 Copies of the Procuring Agency's response will be forwarded to all identified Prospective Bidders through **EPADS v2.0**, including a description of the inquiry, but without identifying its source.

8.4 Should the Procuring Agency deem it necessary to amend the Bidding document as a result of a clarification, it shall do so following the procedure under **ITB 9**.

8.5 If indicated **in the BDS**, the Bidder's designated representative is invited at the Bidder's cost to attend a pre-Bid meeting at the place, date and time mentioned **in the BDS**. During this pre-Bid meeting, prospective Bidders may request clarification of the schedule of requirement, the Evaluation Criteria or any other aspects of the Bidding document.

8.6 Minutes of the pre-Bid meeting, if applicable, including the text of the questions asked by Bidders, including those during the meeting (without identifying the source) and the responses given, together with any responses prepared after the meeting will be uploaded on **EPADS v2.0**. Any modification to the Bidding documents that may become necessary as a result of the pre-Bid meeting shall be made by the Procuring Agency exclusively through the use of an Addendum pursuant to **ITB 9**. Non-attendance at the pre-Bid meeting will not be a cause for disqualification of a Bidder.

## 9. Amendment of Bidding documents

9.1 Before the deadline for submission of Bids, the Procuring Agency for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder or Pre-Bid meeting may modify the Bidding documents by issuing addenda through **EPADS v2.0**.

9.2 The Procuring Agency shall promptly publish the addendum through **EPADS v2.0**.

9.3 Any addendum issued including the notice of any extension of the deadline shall also be communicated through EPADS v2.0 to all the bidders who have already submitted their bids. Such bidders shall have the right to withdraw their already submitted bid and re-submit the revised bid prior to the original or extended bid submission deadline.

9.4 To give prospective Bidders reasonable time in which to take an addendum/corrigendum into account in preparing their Bids, the Procuring Agency may, at its discretion, extend the deadline for the submission of Bids through **EPADS v2.0**:

Provided that the Procuring Agency shall extend the deadline for submission of Bids, if such an addendum is issued within last three (03) days of the Bids submission deadline.

## C. Preparation of Bids

## 10. Language of Bid

10.1 The Bid prepared by the bidder, as well as all correspondence and documents relating to the Bids exchanged by the Bidder and the Procuring Agency shall be written in the English language unless otherwise specified in the BDS. Supporting documents and printed literature furnished by the Bidder may be in another language provided they are accompanied by an accurate translation of the relevant pages in the English language unless otherwise specified in the **BDS**, in which case, for purposes of interpretation of the Bidder, the translation shall govern.

## 11. Documents and samples Constituting the Bid

**11.1 The Bid prepared by the Bidder shall constitute** the documents required in the **BDS**.

Details of sample(s) where applicable and requested in the BDS.

1. Documentary evidence established in accordance with ITB that the Bidder is eligible and/or qualified for the subject bidding process;
2. Documentary evidence establish that the Bidder has been authorized by the manufacturer to deliver the goods into Pakistan, where required and where the supplier is not the manufacturer of those goods;
3. Documentary evidence establish that the goods and related services to be supplied by the Bidder are eligible goods and services, and conform to the Bidding Documents;
4. Bid security or Bid Securing Declaration furnished in accordance with **ITB 18**.

## 12. Documents Establishing Eligibility of the Goods and Conformity to Bidding documents

**12.1** To establish the conformity of the bidder to the Bidding document, the Bidder shall furnish as part of its Bids the documentary evidence that Goods provided conform to the technical specifications and standards.

## 13. Documents Establishing Eligibility and Qualification of the Bidder

**13.1** The Bidder shall furnish, as part of its Bid, all those documents establishing the Bidder's eligibility to participate in the Bidding process and/or its qualification to perform the contract if its Bid is accepted.

## 14. Form of Bids

**14.1** The Bidder shall fill the Form of Bid furnished in the Bidding documents. The Bids Form must be completed without any alterations to its format and no substitute shall be accepted.

## 15. Bids Prices

15.1 The Bids Prices quoted by the Bidder in the Form of Bid and in the Price Schedules shall conform to the requirements specified below or exclusively mentioned hereafter in the Bidding documents.

15.2 All items in the Schedule of Requirement must be listed and priced separately in the Price Schedule(s). If a Price Schedule shows items listed but not priced and neither explicitly denied, their prices shall be construed to be included in the prices of other items.

15.3 Items not listed in the Price Schedule shall be assumed not to be included in the Bid, and provided that the Bid is still substantially responsive in their absence or due to their nominal nature, the corresponding average price of the respective item(s) of the remaining substantially responsive Bidder(s) shall be construed to be the price of those missing item(s).

15.4 The Bid price to be quoted in the Form of Bid in accordance with **ITB 14.1** shall be the total price of the Bid.

15.5 The Bidder shall indicate on the appropriate Price Schedule, the unit prices (where applicable) and total Bid price of the Goods it proposes to provide under the contract.

15.6 Prices quoted by the Bidder shall be fixed during the Bidder's performance of the contract and not subject to variation on any account. A Bid submitted with an adjustable price will be treated as non-responsive and shall be rejected.

## 16. Bids Currencies

16.1 Prices shall be quoted in Pakistani Rupees unless otherwise specified in the BDS in accordance with Rule 30 (2) of the Public Procurement Rules, 2004.

## 17. Bids Validity Period

17.1 Bids shall remain valid for the period specified in the **BDS** after the Bid submission deadline prescribed by the Procuring Agency. A Bid valid for a shorter period shall be rejected by the Procuring Agency as non-responsive. The period of Bid validity will be determined from the complementary Bid securing instrument, i.e. the expiry period of Bid Security or Bids Securing Declaration as the case may be.

17.2 The procuring agency shall ordinarily be under an obligation to process and evaluate the bid and to issue letter of award within the stipulated bid validity period.

17.3 Under exceptional circumstances, prior to the expiration of the initial Bid validity period, the Procuring Agency may request the Bidders' consent to an extension of the period of validity of their Bids only once through **EPADS v2.0**, for the period not more than the period of initial bid validity. The Bid Security provided under **ITB 18** shall also be suitably extended. A Bidder may refuse the request without forfeiting its Bid security or causing to be executed its Bid Securing Declaration. A Bidder agreeing to the request will not be required nor permitted to modify its Bid, but will be required to extend the validity of its Bid Security or Bid Securing Declaration for the period of the extension.

## 18. Bid Security or Bid Securing Declaration

18.1 The Bidder shall furnish as part of its Bid, a Bid Security in accordance with Rule 25 of the Public Procurement Rules, 2004.

18.2 The original Bid Security shall be enclosed within the sealed envelope and to be submitted physically before closing time for submission of bids. Whereas, scanned copy of bid security shall be uploaded electronically through EPADS v2.0 before closing hours for submission of bids.

18.3 The Bidder who failed to submit the original Bids security before the submission deadline shall be disqualified straightaway.

18.4 The Bid Security or Bid Securing Declaration is required to protect the Procuring Agency against the risk of Bidder's conduct which would warrant the security's forfeiture, pursuant to **ITB 18.7**.

18.5 The Bid Security shall be denominated in the local currency, and it shall be a Bank Draft in the name of the Procuring Agency and valid for twenty-eight (28) days beyond the end of the validity of the Bid. This shall also apply if the period

for Bids/Bid Validity is extended. In either case, the form must include the complete name of the Bidder.

18.6 The Bid Security shall be payable promptly upon written demand by the Procuring Agency in case any of the conditions listed in **ITB 18** are invoked.

18.7 Unsuccessful Bidders' Bid Security will be discharged or returned as promptly as possible, however in no case later than thirty (30) days after the expiration of the period of Bids Validity prescribed by the Procuring Agency pursuant to **ITB 17**. The Procuring Agency shall make no claim to the amount of the Bid Security, and shall promptly return the Bid Security document, after whichever of the following that occurs earliest:

- a. the expiry of the Bid Security;
- b. the entry into force of a procurement contract and the provision of a Performance Guarantee, for the performance of the contract if such a guarantee, is required by the Bid documents;
- c. the rejection by the Procuring Agency of all Bids;
- d. the withdrawal of the Bids prior to the deadline for the submission of Bids, unless the Bids documents stipulate that no such withdrawal is permitted.

18.8 The successful Bidder's Bids Security will be discharged upon the Bidder signing the contract, or furnishing the Performance Guarantee.

18.9 The Bid Security may be forfeited or the Bid Securing Declaration executed:

- a. if a Bidder:
  - b. withdraws its Bid during the period of Bid Validity as specified by the Procuring Agency, and referred by the Bidder on the Form of Bids except as provided for in **ITB 17.2**; or
  - c. does not accept the correction of errors; or
  - d. in the case of a successful Bidder, if the Bidder fails:
    - e. to sign the contract; or
    - f. to furnish Performance Guarantee.

## 19. Withdrawal, Substitution, and Modification of Bid

19.1 Before Bid submission deadline, any Bidder may withdraw, substitute, or modify its Bid after it has been submitted through EPADS v2.0. Bids requested to be withdrawn, shall be returned unopened to the Bidders through **EPADS v2.0**.

## 20. Format and Signing of Bid

20.1 The Bidder shall prepare and submit Bids with due diligence after carefully reading all the terms and condition **before bid submission deadline** through EPADS v2.0.

## D. Submission of Bids

### 21. Submission of Bids through EPADS v2.0

21.1 The Technical and Financial Bids if required to submitted, shall be submitted on **EPADS v2.0**.

### 22. Deadline for Submission of Bids

22.1 Bids shall be received by the Procuring Agency through **EPADS v2.0** before bid submission deadline.

22.2 The Procuring Agency may, under exceptional circumstances, extend the deadline for the submission of Bids, after recording reasons in writing and in an equal opportunity manner.

In such case, all rights and obligations of the Procuring Agency and the Bidders that were previously governed by the original deadline shall thereafter be subject to the revised deadline.

## E. Opening and Evaluation of Bids

### 23. Opening of Bids

23.1 The Bid Evaluation Committee of the Procuring Agency shall open all Bids through the EPADS v2.0, on the date and time specified in the Bid Data Sheet (BDS).

23.2 The Bid Evaluation Committee **shall generate minutes through EPADS v2.0 containing brief details of bid opening process.** The record of the Bid opening shall include, as a minimum: the name of the Bidder, the Bid price if applicable, and the presence or absence of a Bid Security or Bid Securing Declaration.

23.3 The procuring agency shall live broadcast the opening of bids on national media or on their website or digital channels, if the volume of procurement exceeds five hundred million rupees in case of goods and services and one thousand million rupees in case of works.

23.4 In case the date of opening of bid has been declared as public holiday or the procuring agency fail to open bid due to any EPADS v2.0 related issues, the submission and opening of bids shall be shifted to the next working day on the same time.

23.5 In case of Single Stage One Envelope Procedure, the Bidders names, the Bid prices, the total amount of each Bid and, the presence or absence of Bid Security, Bid Securing Declaration and such other details as the Procuring Agency may consider appropriate, will be announced by the Bid Evaluation Committee.

## 24. Clarification of Bids

24.1 To assist in the examination, evaluation and comparison of Bids of the Bidders, the Procuring Agency may, ask any Bidder for a clarification of its Bid including breakdown of prices.

24.2 The request for clarification and the response shall be sought through EPADS v2.0 **before three days prior to the deadline for submission of bids.** No change in the prices or substance of the Bids shall be sought, offered, or permitted.

24.3 The alteration or modification in the BIDS which in any way affect the following parameters will be considered as a change in the substance of a Bids:

1. evaluation & qualification criteria;
2. required scope of work or specifications;
3. all securities requirements;
4. tax requirements;

5. terms and conditions of Bidding documents.

6. change in the ranking of the Bidder

24.4 From the time of Bids opening to the time of Contract award if any Bidder wishes to contact the Procuring Agency on any matter related to the Bids it should do so through **EPADS v2.0**.

## 25. Preliminary Examination of Bids

25.1 Prior to the detailed evaluation of Bids, the Procuring Agency will determine whether each Bid:

1. meets the eligibility criteria defined in **ITB 3**;
2. has been prepared as per the format and contents defined by the Procuring Agency in the Bidding documents;
3. is accompanied by the required securities; and
4. is substantially responsive to the requirements of the Bidding documents.

25.2 The Procuring Agency's determination of a Bid's responsiveness will be based on the contents of the Bid itself.

25.3 A substantially responsive Bid is one which conforms to all the terms, conditions, and specifications of the Bidding documents, without material deviation or reservation. A material deviation or reservation is one that: -

1. affects in any substantial way the scope, quality, or performance of the Goods;
2. limits in any substantial way, inconsistent with the Bidding documents, the Procuring Agency's rights or the Bidders obligations under the Contract; or
3. if rectified, would affect unfairly the competitive position of other Bidders presenting substantially responsive Bids.

25.3 If a Bids is not substantially responsive, it will be rejected by the Procuring Agency and may not subsequently be evaluated for complete technical responsiveness.

## 26. Examination of Terms and Conditions; Technical Evaluation

26.1 The Procuring Agency shall examine the Bids to confirm that all terms and conditions specified in the **GCC** and the **SCC** have been accepted by the Bidder without any material deviation or reservation.

26.2 The Procuring Agency shall evaluate the technical aspects of the Bids submitted, to confirm that all requirements specified in Schedule of Requirements and Technical Specifications of the Bidding documents have been met without material deviation or reservation.

26.3 If after the examination of the terms and conditions and the technical evaluation, the Procuring Agency determines that the Bid is not substantially responsive in accordance with **ITB 25.2**, it shall reject the Bid.

## 27. Correction of Errors

27.1 Bids determined to be substantially responsive will be checked for any arithmetic errors. Errors will be corrected as follows: -

1. if there is a discrepancy between unit prices and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the total price shall be corrected, unless in the opinion of the Procuring Agency there is an obvious misplacement of the decimal point in the unit price, in which the total price as quoted shall govern and the unit price shall be corrected;
2. if there is an error in a total corresponding to the addition or subtraction of sub-totals, the sub-totals shall prevail and the total shall be corrected; and
3. where there is a discrepancy between the amounts in figures and in words, the amount in words will govern.
4. Where there is discrepancy between grand total of price schedule and amount mentioned on the Form of Bids, the amount referred in Price Schedule shall be treated as correct subject to elimination of other errors.

27.2 The amount stated in the Bid will, be adjusted by the Procuring Agency in accordance with the above procedure for the correction of errors and, with the concurrence of the Bidder, shall be considered as binding upon the Bidder. If the Bidder does not accept the corrected amount, its Bid will then be rejected, and the Bid Security may be forfeited or the Bids Securing Declaration may be executed.

## 28. Conversion to Single Currency

28.1 To facilitate evaluation and comparison, the Procuring Agency will convert all Bids prices expressed in the amounts in various currencies in which the Bids prices are payable. For the purposes of comparison of bids quoted in different currencies, the price shall be converted into a single currency specified in the bidding documents. The rate of exchange shall be the selling rate prevailing on the date of opening of financial bids specified in the bidding documents, in accordance with weighted average customer exchange rates list issued by the State Bank of Pakistan on that day.

## 29. Evaluation of Bids

29.1 The Bids, quotations, or proposals shall be evaluated by the respective evaluation committees as per evaluation criteria described in the Bidding Documents in accordance with Rule 29 and 30 of the Public Procurement Rules, 2004.

### **1. Least Cost Based Selection (LCBS)**

After meeting the requirements of eligibility, qualification and substantial responsiveness, the bid in compliance with all the mandatory (technical) specifications/requirements and/or requisite quality threshold (if any), and having lowest evaluated cost (or financial proposal) shall be considered Successful Bid.

### **2. Quality and Cost Based Selection (QCBS)**

In such combination, there shall be some specific weightage of both the technical features and financial aspects of the proposal. The financial marks shall be awarded on the basis of inverse proportion calculations. The successful bid shall be declared, on the basis of combined evaluation.

### **3. Quality Based Selection (QBS)**

After meeting the requirements of eligibility, qualification and substantial responsiveness the bid in compliance with all the mandatory (technical) specifications/requirements and attaining highest marks in the Technical Evaluation considering all other qualitative and/or quantitative parameters (or point rated criteria) for technical proposal(s) such as working methodology, implementation plan, resource allocation, additional functionalities, risk management approach, knowledge transfer techniques, post implementation methodology etc. shall be treated as highest ranked bid. Later on, the financial proposal of highest ranked bidder shall be opened, however, in case of failure to proceed further with such a bidder, the procuring agency may resort to second

highest bidder and so on.

29.2 In case of tie of bids, the bidders shall be provided an opportunity to offer their best and final monetary offer through EPADS v2.0. However, in no case the rates shall be higher than the original financial bids.

## 30. Domestic Preference

30.1 The procuring agency shall evaluate and compare bids, allow for preference to domestic bidders, while competing with the international bidders in accordance with the policies of Federal Government.

The percentage of preference, to be accorded shall be clearly mentioned in the bidding documents under the bid evaluation criteria.

## 31. Determination of Successful Bid

31.1 Selection technique will be adopted for determining the Successful Bid in accordance with the criteria referred in the BDS or prescribed in the separate section titled as Evaluation Criteria.

31.2 In case where the Procuring Agency adopts the Cost Based Evaluation Technique and, the Bid with the lowest evaluated price from amongst those which are eligible, compliant and substantially responsive shall be the Successful Bid.

31.3 The Procuring Agency may adopt the Quality & Cost Based Selection Technique due to the following two reasons:

1. Where the Procuring Agency knows about the main features, usage and output of the products; however not clear about the complete features, technical specifications and functionalities of the goods to be procured and requires the bidders to submit their proposals defining those features, specifications and functionalities; or
2. Where the Procuring Agency, in addition to the mandatory requirements and mandatory technical specifications, requires parameters specified in Evaluation Criteria to be evaluated while determining the quality of the goods.

31.4 In such cases, the Procuring Agency may allocate certain weightage to these factors as a part of Evaluation Criteria, and may determine the ranking of the bidders on the basis of combined evaluation in accordance with provisions of Rule 2(1)(h) of the Public Procurement Rules, 2004.

## 32. Abnormally Low Financial Bids

32.1 Where the Bid price is considered to be abnormally low, the Procuring Agency shall perform price analysis either during determination of Successful Bids or as a part of the post-qualification process.

32.2 The Procuring Agency may reject an Abnormally low financial bids.

32.3 In order to identify the Abnormally Low Bids (ALB) following approaches can be considered to minimize the scope of subjectivity:

1. Comparing the Bids price with the cost estimate;
2. Comparing the Bids price with the Bids offered by other Bidders submitting substantially responsive Bids; and
3. Comparing the Bids price with prices paid in similar contracts in the recent past either government- or development partner-funded.

32.4 The Procuring Agency will determine to its satisfaction whether the Bidder that is selected as having submitted the successful bid is qualified to perform the contract satisfactorily.

32.5 The determination will take into account the Bidder's financial, technical, and production capabilities. It will be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, as well as such other information as the Procuring Agency deems necessary and appropriate. Factors not included in these Bidding documents shall not be used in the evaluation of the Bidders' qualifications.

32.6 Procuring Agency may seek "Certificate for Independent Price Determination" from the Bidder and the results of reference checks may be used in determining an award of contract.

Explanation: The Certificate shall be furnished by the Bidder. The Bidder shall certify that the price is determined keeping in view of all the essential aspects such as raw material, its processing, value addition, optimization of resources due to economy of scale, transportation, insurance and margin of profit etc.

32.7 An affirmative determination will be a prerequisite for award of the contract to the Bidder. A negative determination will result in rejection of the Bidder's Bids, in which event the Procuring Agency will proceed to the next ranked Bidder to make a similar determination of that Bidder's capabilities to

perform satisfactorily.

## F. Award of Contract

### 33. Criteria of Award

33.1 The Procuring Agency will award the Contract to the Bidder whose Bids has been determined to be substantially responsive to the Bidding documents and who has been declared as Most Advantageous Bidder.

### 34. Negotiations

34.1 The procuring agency shall not engage in negotiations with respect to scope and price with the bidder except when the procuring agency conducts a procurement using direct **or negotiated** contracting or a request for proposals with evaluation based on quality alone.

34.2 The procuring agency may negotiate with the most advantageous bid with a view to streamline the work or task execution, at the time of contract finalization on methodology, work plan, staffing, finalizing payment arrangements, delivery arrangements, minor amendments to the special conditions of the contract.

### 35. Procuring Agency Right to reject all bids

35.1 The Procuring Agency reserves the right to reject all bids or proposals at any time prior to the issuance of the Letter of Award, without incurring any liability, in accordance with Rule 33 of the Public Procurement Rules, 2004.

### 36. Procuring Agency's Right to Vary Quantities at the Time of Award

36.1 The Procuring Agency reserves the right at the time of contract award to increase or decrease the **quantity of** Goods originally specified in these Bidding documents provided this does not exceed **by** 15%, without any change in unit price or other terms and conditions of the Bids and Bidding documents.

### 37. Notification of Award

37.1 Prior to the award of contract, the procuring agency shall announce and publish the result of bid evaluation on **EPADS v2.0** in accordance with Rule 35

of the Public Procurement Rules, 2004.

37.2 The Bidder whose Bids has been accepted will be notified of the award by the Procuring Agency prior to expiration of the Bids/Bid Validity period. The Letter of Award will state the sum that the Procuring Agency will pay the successful Bidder in consideration for the delivery of Goods as prescribed by the Contract (hereinafter and in the Contract called the "Contract Price).

37.3 The Letter of award will constitute the formation of the Contract, subject to the Bidder furnishing the Performance Guarantee and signing of the contract.

## 38. Signing of Contract

38.1 Promptly after issuance of Letter of award, Procuring Agency shall send the successful Bidder the draft Contract, incorporating all terms and conditions as agreed by the parties to the contract.

38.2 Immediately after the Redressal of grievance by the GRC (if any), mandatory standstill period in accordance with Rule 35 of the Public Procurement Rules, 2004 and **after fulfillment of all condition's precedent** of the Contract Form, the successful Bidder and the Procuring Agency shall sign the Contract.

## 39. Corrupt & Fraudulent Practices

39.1 Procuring Agencies (including beneficiaries of Government funded projects and procurement) as well as Bidders/Contractors under Government financed contracts, observe the highest standard of ethics during the procurement and execution of such contracts, and will avoid to engage in any corrupt and fraudulent practices.

## F. Grievance Redressal & Complaint Review Mechanism

### 40. Constitution of Grievance Redressal

40.1 The Grievance Redressal Committee shall address the grievance, if any submitted by any party, including the bidder, in accordance with Rule 48 of the Public Procurement Rules, 2004 to be read with Redressal of Grievances Regulations, 2021.

40.2 In case if any party or the bidder is not satisfied with the decision of the GRC or if it fails to decide within ten days, the bidder or the party may file an appeal before the Appellate Committee of the Authority in accordance with Rule 48 of the Public Procurement Rules, 2004 to be read with Redressal of Grievances Regulations, 2021.

## G. Mechanism of Blacklisting

### 41. Mechanism of Blacklisting

41.1 The Procuring Agency shall initiate blacklisting proceedings against any bidder, supplier, or contractor in accordance with the Mechanism for Blacklisting Regulations, 2024, read with Rule 19 of the Public Procurement Rules, 2004.

41.2 The blacklisted/debarred bidder may file the review petition before the Authority in accordance with Rule 19 of the Public Procurement Rules, 2004 to be read with Procedure of filing and disposal of Review Petitions Regulations, 2021.





## Bid Data Sheet

# Bids Data Sheet (BDS)

The following specific data for the procurement of Goods to be procured shall complement, supplement, or amend the provisions in the Instructions to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

*BDS Clause Number*

*ITB Number*

*Amendments of, and Supplements to, Clauses in the Instruction to Bidders*

## A. Introduction

**BDS Clause Number 1**

**ITB Number 1.1**

Name of Procuring Agency: **LAHORE ELECTRIC SUPPLY COMPANY (MATERIAL MANAGEMENT)**

The subject of procurement is: **TENDER NO 4386 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA, 100kVA, 200kVA & 630-kVA DISTRIBUTION TRANSFORMERS ON 10-NOS. HIGH AT&C LOSS FEEDERS**

Expected commencement date: **Saturday, August 15, 2026**

**BDS Clause Number 2**

**ITB Number 2.1**

Financial year for the operations of the Procuring Agency: **2026-27**

Name and identification number of the Contract: **P51281**

**BDS Clause Number 3**

**ITB Clause Number 3.1**

JV/Consortium or Association Allowed: **No**

Number of JV/Consortium Members: **Nil**

*see section of eligibility criteria.*

## B. Bidding Documents

## **BDS Clause Number 4**

### **ITB Number 8.1**

The Bidders may seek clarifications through **EPADS v2.0** : Clarification Date: Friday, June 26, 2026

## **C. Preparation of Bids**

### **BDS Clause Number 5**

#### **ITB Number 10.1**

The Language of all correspondences and documents related to the Bids shall be in: **English**

List of documents required along with the bid:

1. 1. Power of Attorney authorizing the signatory of the bidder to submit the bid on the Company's letter head. ( otherwise bidder may be disqualified.)
2. 2. Complete tender documents signed and stamped (in original) by the bidder. ( otherwise bidder may be disqualified.)
3. 3. Bidder is required to upload Undertaking on company letter head of 100% compliance of technical specifications, all clauses, terms and conditions of bidding documents are acceptable (otherwise bid may be disqualified)
4. 4. Bidder is required to upload Integrity Pact (For Contract Worth 10 M or above) (otherwise bid may be disqualified).
5. 5. No deviation Certificates from Commercial Conditions and Technical specifications (Required Forms to be Uploaded otherwise bid may be disqualified
6. 7. Bidder is required to upload Non default certificate in any contract agreement/purchase order in WAPDA/NTDC/DISCOs. (otherwise bid may be disqualified).
7. 9. Undertaking to be attached by the bidder that the offered APMS (Each Rating wise) by the bidder must be as per the requirement of Specification PPMC-DS-01:2026 and 100% comply with the specifications requirement of Schedule of Technical Data from Serial no. 1 to 6 (which is applicable) Annex-B of the PPMC-DS-01 specification. (Upload undertaking otherwise bidder may be

disqualified).

8. 10. Valid ISO-18001/45001 Certification (otherwise bid may be disqualified).

9. 11. Certificate that the material offered is in accordance with the NTDC/PPMC Standard Specifications amended to date. (otherwise bid may be disqualified).

10. 12. Bidders are required to submit details of all litigations, arbitration and other claims whether pending, threatened or resolved in last five years. The employer / Purchaser may disqualify bidder in the event that the total amount of pending or threatened litigations, arbitration and other claims represents twenty five percent (50%) of the Bidder's net worth.

11. Details in this regard should be submitted in the Bid on attached form of pending litigation (Alongwith proof / documentary evidences of required net worth). (Form-06) Or otherwise Undertaking of no litigation by bidder is must.

12. 13. Certificate that latest purchase procedure PPRA-2004 (amended to date) are acceptable to the bidder and are hereby agreed to by the bidder (otherwise bid may be disqualified)..

13. 14. Financial statements (last 3 Years) and FBR tax returns for last two years documents to ascertain the financial health of bidder (In case of Litigation) (otherwise bid may be disqualified).

14. 15. Bidder is required to upload Technology solution overview. The proposal should provide the detailed description of how the bidder will approach and complete the scope of the work. (upload relevant document) (otherwise bid may be disqualified)

#### **BDS Clause Number 6**

#### **ITB Number 11.1**

#### **Items/Lots and therrre related documents:**

*See section items and Lots*

#### **BDS Clause Number 7**

#### **ITB Number 12.1**

#### **Items / Lots Specifications:**

*see section of items specifications.*

**BDS Clause Number 8**

**ITB Number 15.6**

The price shall be **Fixed**.

**BDS Clause Number 9**

**ITB Number 16.1**

Currency of the Bids shall be : **PKR**

**BDS Clause Number 10**

**ITB Number 17.1**

The Bids/Bid Validity period shall be: **120 Days**

**BDS Clause Number 11**

**ITB Number 18.1**

The amount of Bid Security shall be as defined in Bid Security Section for items and lots given in **BDS 6**

The Bid Security shall be in the form of: **Pay Order, Banker's Cheque, Call at Deposit, Bank Guarantee, Demand Draft**

## D. Submission of Bids

**BDS Clause Number 12**

**ITB Number 20.1**

Bid shall be submitted online on EPADS v2.0 whereas hard copy of the bid security should be submitted to the following;

**Room No 312, 3rd Floor 22-A Queens Road Lahore** before bid submission deadline.

Bids that are not submitted on EPADS v2.0 shall be disqualified.

The deadline for Bids submission is: **Monday, July 6, 2026 10:30 AM**

## E. Opening and Evaluation of Bids

**BDS Clause Number 13**

**ITB Number 23.1**

The Bids opening shall take place on **EPADS v2.0**.

Day : **Monday**

Date: **Monday, July 6, 2026**

Time : **11:00 AM**

**BDS Clause Number 14**

**ITB Number 31.1**

Selection technique adopted will be: **Least Cost Based Selection (LCBS)**  
*see Evaluation Criteria*

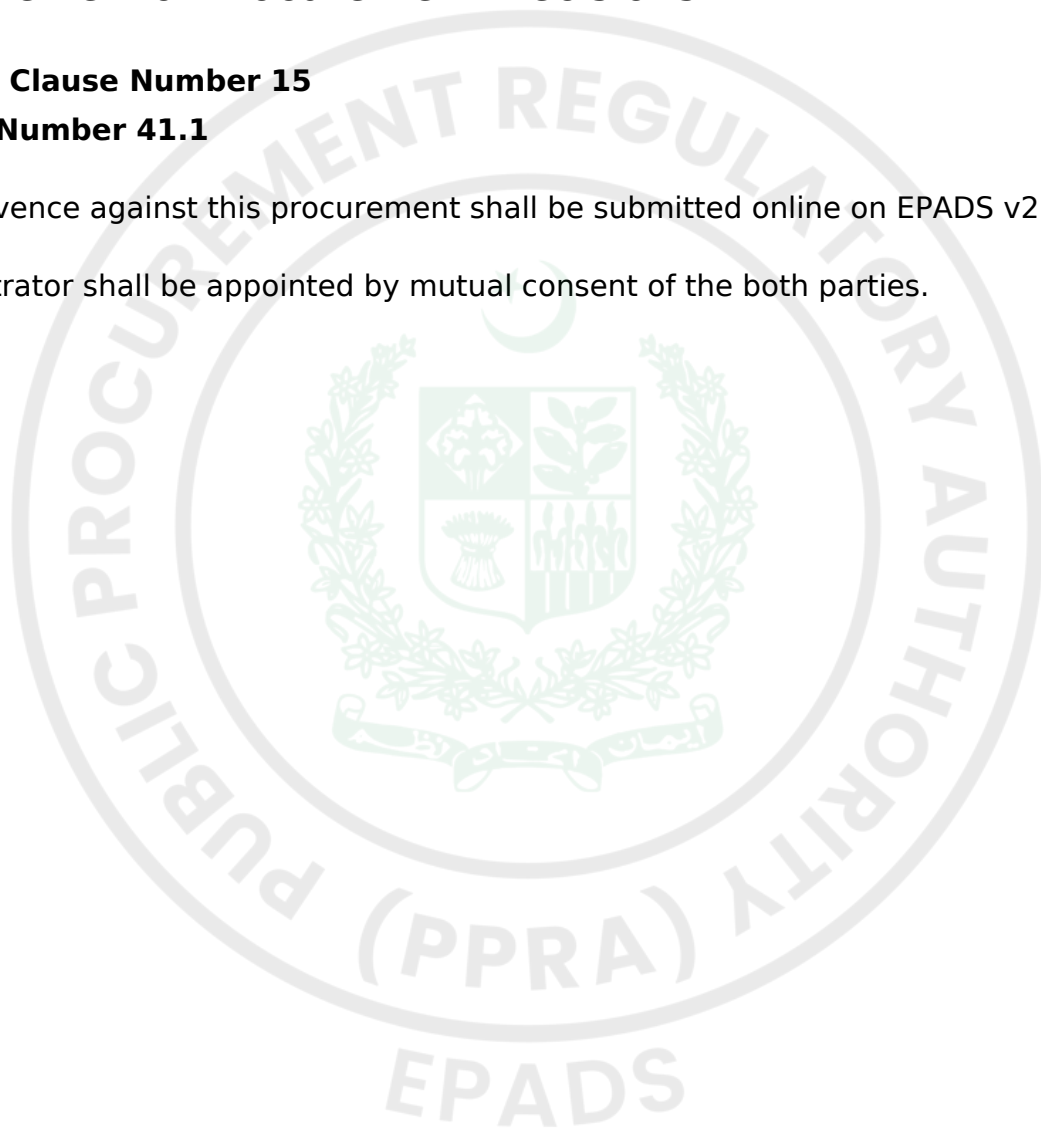
## F. Review of Procurement Decisions

**BDS Clause Number 15**

**ITB Number 41.1**

Grievance against this procurement shall be submitted online on EPADS v2.0.

Arbitrator shall be appointed by mutual consent of the both parties.



## Eligibility Criteria

Bidder's Type	Required Registration
Any	FBR (NTN)  FBR (GSTN)

Eligibility Criteria	Document
The bidder should have registered with Income Tax & Sales Tax Department (FBR/PRA) and must be an Active Tax Payer (ATL undertaking to be provided ). Upload Documents other wise bidder may be declared ineligible	Yes
The bid security shall be, at the option of the bidder, in the form of Call Deposit Receipt (CDR) or Pay Order or Banker's Cheque or a Bank Guarantee must be issued in the favor of CEO LESCO and compliance all the instructions as stated in Annexure Section and Bid security Form of this documents. (Upload Bid Security other wise bidder may be declared ineligible).	Yes
The bidder is required to upload relevant document of prequalification/Registration with LESCO/DISCOs / any WAPDA formation under any of the categories i.e. M1/M2/M5/M25 . (Upload document other wise bidder may be declared ineligible).	Yes
The bidder is required to upload Undertaking confirming Non-blacklisting by any Government/semi-Government/international body (Upload Undertaking other wise bidder may be declared ineligible).	Yes
The bidder shall provide a valid Manufacturer's authorization letter (MAL) (confirming their registration/Prequalification with DISCOs/NTDC and supply of material as per CE S&S /PPMC specifications amended to date whereas applicable) for all allied materials to be supplied and installed.	Yes

## Evaluation Criteria

Eligible bidder(s) with substantially responsive bid(s) offering **Least Cost Based Selection (LCBS)** shall be considered for the award of contract(s).

### **Least Cost Based Selection (LCBS)**



## Items/Lots

**Lot Title :** SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25KVA, 50KVA, 100KVA, 200KVA & 630-kVA DISTRIBUTION TRANSFORMERS ON 10-NOS. HIGH AT&C LOSS FEEDERS ALONG WITH ALLIED MATERIAL AND SERVICE

**Bid Security :** 2000000

Item	UNSPSC	Delivery Schedule	Quantity	Warranty
APMS (Asset Performance Management System) for 200KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature	Power generation or transmission or distribution equipment manufacture services	<b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> Lot 1: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 57 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 55	55	5 Years

Item	UNSPSC	Delivery Schedule	Quantity	Warranty
<p>APMS (Asset Performance Management System) for 100KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature</p>	<p>Power generation or transmission or distribution equipment manufacture services</p>	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> Lot 1: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 57 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 25</p>	<p>25</p>	<p>5 Years</p>
<p>APMS (Asset Performance Management System) for 50KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature</p>	<p>Power generation or transmission or distribution equipment manufacture services</p>	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> Lot 1: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 57 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 2</p>	<p>2</p>	<p>5 Years</p>

Item	UNSPSC	Delivery Schedule	Quantity	Warranty
300 mm <sup>2</sup> , S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications	Power cable	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services</p> <p><b>Schedule:</b> Lot 1: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 57 Nos. shall be delivered within the next 30 days thereafter, complete in all respects</p> <p><b>Quantity:</b> 3300</p>	3300	5 Years
150 mm <sup>2</sup> , S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications	Power cable	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services</p> <p><b>Schedule:</b> Lot 1: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 57 Nos. shall be delivered within the next 30 days thereafter, complete in all respects</p> <p><b>Quantity:</b> 1500</p>	1500	5 Years

Item	UNSPSC	Delivery Schedule	Quantity	Warranty
70 mm <sup>2</sup> , S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications	Power cable	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> Lot 1: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 57 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 120</p>	120	5 Years
PG connectors for 300 mm <sup>2</sup> , S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specifications	Automatic wire or cable connector	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> Lot 1: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 57 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 440</p>	440	5 Years

Item	UNSPSC	Delivery Schedule	Quantity	Warranty
PG connectors for 150 mm <sup>2</sup> , S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specifications	Automatic wire or cable connector	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services</p> <p><b>Schedule:</b> Lot 1: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 57 Nos. shall be delivered within the next 30 days thereafter, complete in all respects</p> <p><b>Quantity:</b> 200</p>	200	5 Years
PG connectors for 70 mm <sup>2</sup> , S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specifications	Automatic wire or cable connector	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services</p> <p><b>Schedule:</b> Lot 1: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 57 Nos. shall be delivered within the next 30 days thereafter, complete in all respects</p> <p><b>Quantity:</b> 16</p>	16	5 Years

Item	UNSPSC	Delivery Schedule	Quantity	Warranty
Complete installation of Items listed along with other Equipment / Material which is not included in this list but is essential for a complete functional system	Electrical accessories or supplies manufacture services	<b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> Lot 1: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 57 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 82	82	5 Years

**Lot Title :** SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA, 100kVA, 200kVA & 630-kVA DISTRIBUTION TRANSFORMERS ON 10-NOS. HIGH AT&C LOSS FEEDERS ALONG WITH ALLIED MATERIAL AND SERVICE

**Bid Security :** 2000000

Item	UNSPSC	Delivery Schedule	Quantity	Warranty
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<p>APMS (Asset Performance Management System) for 200KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature</p>	<p>Power generation or transmission or distribution equipment manufacture services</p>	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> Lot 2: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 53 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 32</p>	<p>32</p>	<p>5 Years</p>
<p>APMS (Asset Performance Management System) for 25KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature</p>	<p>Power generation or transmission or distribution equipment manufacture services</p>	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> Lot 2: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 53 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 3</p>	<p>3</p>	<p>5 Years</p>

<p>APMS (Asset Performance Management System) for 100KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature</p>	<p>Power generation or transmission or distribution equipment manufacture services</p>	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> Lot 2: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 53 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 15</p>	<p>15</p>	<p>5 Years</p>
<p>APMS (Asset Performance Management System) for 50KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature</p>	<p>Power generation or transmission or distribution equipment manufacture services</p>	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> Lot 2: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 53 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 6</p>	<p>6</p>	<p>5 Years</p>

<p>25 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase &amp; neutral) as per relevant DDS specifications</p>	<p>Power cable</p>	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> Lot 2: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 53 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 180</p>	<p>180</p>	<p>5 Years</p>
<p>300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase &amp; neutral) as per relevant DDS specifications</p>	<p>Power cable</p>	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> Lot 2: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 53 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 2220</p>	<p>2220</p>	<p>5 Years</p>

<p>150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase &amp; neutral) as per relevant DDS specifications</p>	<p>Power cable</p>	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> Lot 2: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 53 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 1380</p>	<p>1380</p>	<p>5 Years</p>
<p>70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase &amp; neutral) as per relevant DDS specifications</p>	<p>Power cable</p>	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> Lot 2: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 53 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 900</p>	<p>900</p>	<p>5 Years</p>

<p>PG connectors for 25 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specifications</p>	<p>Automatic wire or cable connector</p>	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> Lot 2: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 53 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 24</p>	<p>24</p>	<p>5 Years</p>
<p>PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specifications</p>	<p>Automatic wire or cable connector</p>	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> 30 Days <b>Quantity:</b> 296</p>	<p>296</p>	<p>5 Years</p>

<p>PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specifications</p>	<p>Automatic wire or cable connector</p>	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> Lot 2: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 53 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 184</p>	<p>184</p>	<p>5 Years</p>
<p>PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specifications</p>	<p>Automatic wire or cable connector</p>	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> 30 Days <b>Quantity:</b> 120</p>	<p>120</p>	<p>5 Years</p>

<p>Complete installation of Items listed along with other Equipment / Material which is not included in this list but is essential for a complete functional system</p>	<p>Electrical accessories or supplies manufacture services</p>	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> Lot 2: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 53 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 78</p>	<p>78</p>	<p>5 Years</p>
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**Lot Title :** SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA, 100kVA, 200kVA & 630-kVA DISTRIBUTION TRANSFORMERS ON 10-NOS. HIGH AT&C LOSS FEEDERS ALONG WITH ALLIED MATERIAL AND SERVICE

**Bid Security :** 2000000

Item	UNSPSC	Delivery Schedule	Quantity	Warranty
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<p>APMS (Asset Performance Management System) for 200KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature</p>	<p>Power generation or transmission or distribution equipment manufacture services</p>	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> Lot 3: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 54 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 48</p>	<p>48</p>	<p>5 Years</p>
<p>APMS (Asset Performance Management System) for 100KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature</p>	<p>Power generation or transmission or distribution equipment manufacture services</p>	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> Lot 3: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 54 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 22</p>	<p>22</p>	<p>5 Years</p>

<p>150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase &amp; neutral) as per relevant DDS specifications</p>	<p>Power cable</p>	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> Lot 3: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 54 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 1320</p>	<p>1320</p>	<p>5 Years</p>
<p>70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase &amp; neutral) as per relevant DDS specifications</p>	<p>Power cable</p>	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> Lot 3: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 54 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 480</p>	<p>480</p>	<p>5 Years</p>

<p>400 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (30 meters for each phase &amp; neutral) as per relevant DDS specifications</p>	<p>Power cable</p>	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> Lot 3: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 54 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 120</p>	<p>120</p>	<p>5 Years</p>
<p>PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specifications</p>	<p>Automatic wire or cable connector</p>	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> Lot 3: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 54 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 384</p>	<p>384</p>	<p>5 Years</p>

<p>PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specifications</p>	<p>Automatic wire or cable connector</p>	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> Lot 3: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 54 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 176</p>	<p>176</p>	<p>5 Years</p>
<p>PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specifications</p>	<p>Automatic wire or cable connector</p>	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> Lot 3: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 54 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 64</p>	<p>64</p>	<p>5 Years</p>

<p>PG connectors for 400 mm<sup>2</sup>, S/C Al. Cable (16 Nos. for each APMS) as per relevant DDS specifications</p>	<p>Automatic wire or cable connector</p>	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> Lot 3: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 54 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 16</p>	<p>16</p>	<p>5 Years</p>
<p>Complete installation of Items listed along with other Equipment / Material which is not included in this list but is essential for a complete functional system</p>	<p>Electrical accessories or supplies manufacture services</p>	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> Lot 3: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 54 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 79</p>	<p>79</p>	<p>5 Years</p>

<p>APMS (Asset Performance Management System) for 50KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature</p>	<p>Power generation or transmission or distribution equipment manufacture services</p>	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> Lot 3: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 54 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 8</p>	<p>8</p>	<p>5 Years</p>
<p>APMS (Asset Performance Management System) for 630KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature</p>	<p>Power generation or transmission or distribution equipment manufacture services</p>	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> Lot 3: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 54 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 01</p>	<p>1</p>	<p>5 Years</p>

300 mm <sup>2</sup> , S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications	Power cable	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> Lot 3: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 54 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 2880</p>	2880	5 Years
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**Lot Title :** SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA, 100kVA, 200kVA & 630-kVA DISTRIBUTION TRANSFORMERS ON 10-NOS. HIGH AT&C LOSS FEEDERS ALONG WITH ALLIED MATERIAL AND SERVICE

**Bid Security :** 2000000

Item	UNSPSC	Delivery Schedule	Quantity	Warranty
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<p>APMS (Asset Performance Management System) for 200KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature</p>	<p>Power generation or transmission or distribution equipment manufacture services</p>	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> Lot 4: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 71 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 80</p>	<p>80</p>	<p>5 Years</p>
<p>APMS (Asset Performance Management System) for 100KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature</p>	<p>Power generation or transmission or distribution equipment manufacture services</p>	<p><b>Address:</b> Room No 312, 3rd Floor 22-A QueenList of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and servis Road Lahore <b>Schedule:</b> Lot 4: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 71 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 29</p>	<p>29</p>	<p>5 Years</p>

<p>APMS (Asset Performance Management System) for 50KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature</p>	<p>Power generation or transmission or distribution equipment manufacture services</p>	<p><b>Address:</b> Room No 312, 3rd Floor 22-A Queens Road LahoList of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and service <b>Schedule:</b> Lot 4: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 71 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 14</p>	<p>14</p>	<p>5 Years</p>
<p>APMS (Asset Performance Management System) for 25KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature</p>	<p>Power generation or transmission or distribution equipment manufacture services</p>	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> Lot 4: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 71 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 03</p>	<p>3</p>	<p>5 Years</p>

EPADS

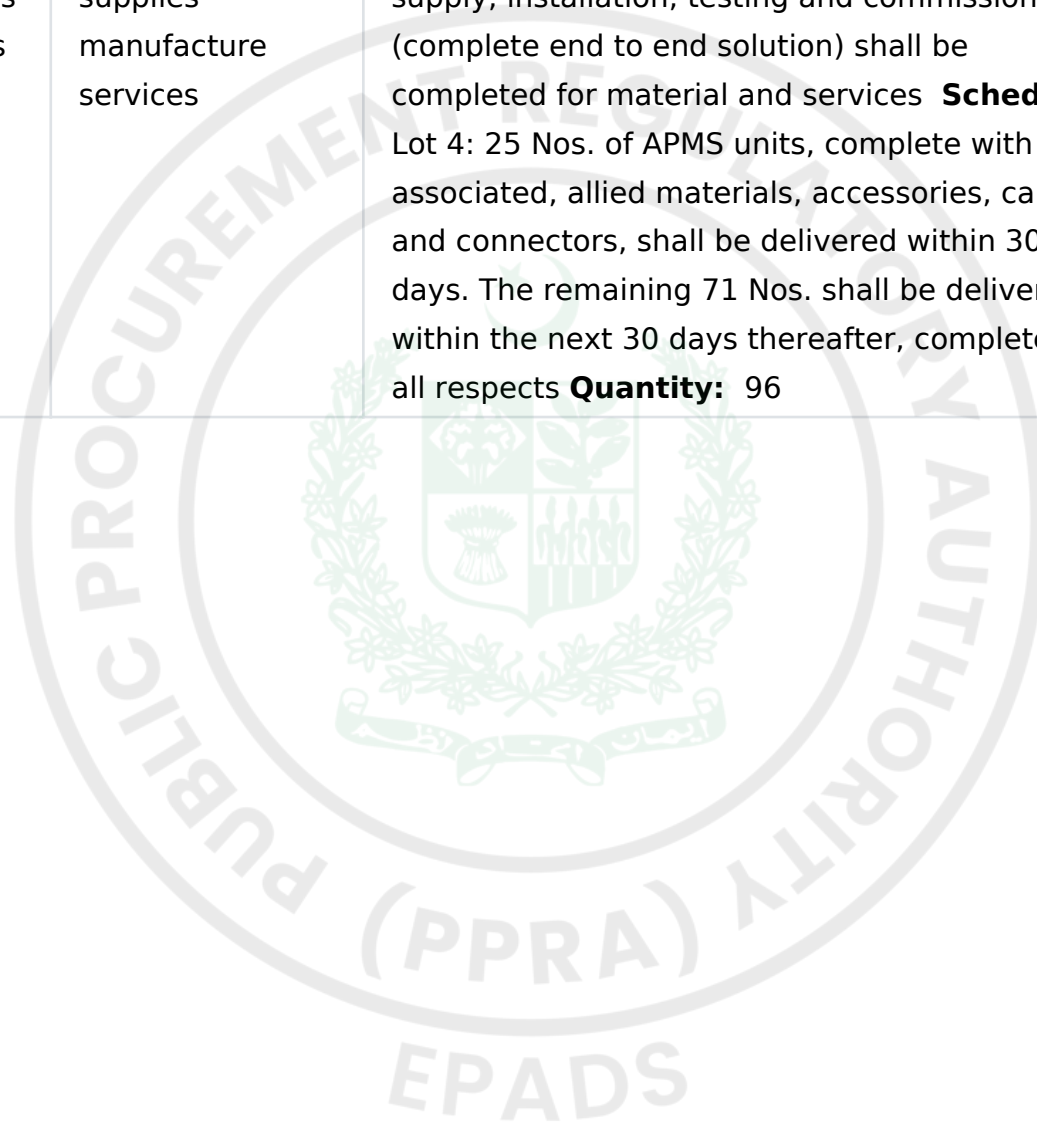
<p>300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase &amp; neutral) as per relevant DDS specifications</p>	<p>Power cable</p>	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> Lot 4: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 71 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 3000</p>	<p>3000</p>	<p>5 Years</p>
<p>150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase &amp; neutral) as per relevant DDS specifications</p>	<p>Power cable</p>	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> Lot 4: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 71 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 1740</p>	<p>1740</p>	<p>5 Years</p>

<p>70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase &amp; neutral) as per relevant DDS specifications</p>	<p>Power cable</p>	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> Lot 4: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 71 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 840</p>	<p>840</p>	<p>5 Years</p>
<p>25 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase &amp; neutral) as per relevant DDS specifications</p>	<p>Power cable</p>	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> Lot 4: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 71 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 180</p>	<p>180</p>	<p>5 Years</p>

<p>PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specifications</p>	<p>Automatic wire or cable connector</p>	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> Lot 4: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 71 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 400</p>	<p>400</p>	<p>5 Years</p>
<p>PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specifications</p>	<p>Automatic wire or cable connector</p>	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> Lot 4: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 71 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 232</p>	<p>232</p>	<p>5 Years</p>

<p>PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specifications</p>	<p>Automatic wire or cable connector</p>	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> Lot 4: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 71 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 112</p>	<p>112</p>	<p>5 Years</p>
<p>PG connectors for 25 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specifications</p>	<p>Automatic wire or cable connector</p>	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> Lot 4: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 71 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 24</p>	<p>24</p>	<p>5 Years</p>

<p>Complete installation of Items listed along with other Equipment / Material which is not included in this list but is essential for a complete functional system</p>	<p>Electrical accessories or supplies manufacture services</p>	<p><b>Address:</b> List of Feeders for installation APMS is attached in Annexure Section Schedule: The supply, installation, testing and commissioning (complete end to end solution) shall be completed for material and services <b>Schedule:</b> Lot 4: 25 Nos. of APMS units, complete with all associated, allied materials, accessories, cables and connectors, shall be delivered within 30 days. The remaining 71 Nos. shall be delivered within the next 30 days thereafter, complete in all respects <b>Quantity:</b> 96</p>	<p>96</p>	<p>5 Years</p>
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Related Services of Goods:

No



# Items/Lot Specification

**Lot Title :** SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA, 100kVA, 200kVA & 630-kVA DISTRIBUTION TRANSFORMERS ON 10-NOS. HIGH AT&C LOSS FEEDERS ALONG WITH ALLIED MATERIAL AND SERVICE

**Item:** APMS (Asset Performance Management System) for 200KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature

**UNSPSC:** Power generation or transmission or distribution equipment manufacture services

## **Specifications / Requirements:**

(SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 50kVA,100 kVA & 200 kVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION). APMS (Asset Performance Management System) for 50kVA,100kVA & 200KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-050, APMS-MC-OTL-100 & APMS-MC-OTL-200 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details" attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection Item: APMS (Asset Performance Management System) for 50kVA,100kVA & 200kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications Item: PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Item:** APMS (Asset Performance Management System) for 100KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature

**UNSPSC:** Power generation or transmission or distribution equipment manufacture services

**Specifications / Requirements:**

(SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 50kVA,100 kVA & 200 kVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION). APMS (Asset Performance Management System) for 50kVA,100kVA & 200KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-050, APMS-MC-OTL-100 & APMS-MC-OTL-200 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details” attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection Item: APMS (Asset Performance Management System) for 50kVA,100kVA & 200kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications Item: PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Item:** APMS (Asset Performance Management System) for 50KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature

**UNSPSC:** Power generation or transmission or distribution equipment manufacture services

**Specifications / Requirements:**

(SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 50kVA,100 kVA & 200 kVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION). APMS (Asset Performance Management System) for 50kVA,100kVA & 200KVA

Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-050, APMS-MC-OTL-100 & APMS-MC-OTL-200 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details” attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection Item: APMS (Asset Performance Management System) for 50kVA,100kVA & 200kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications Item: PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Item:** 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications

**UNSPSC:** Power cable

**Specifications / Requirements:**

(SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 50kVA,100 kVA & 200 kVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION). APMS (Asset Performance Management System) for 50kVA,100kVA & 200KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-050, APMS-MC-OTL-100 & APMS-MC-OTL-200 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details” attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection Item: APMS (Asset Performance Management System) for 50kVA,100kVA & 200kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications Item: PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS

specification & PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Item:** 150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications

**UNSPSC:** Power cable

**Specifications / Requirements:**

(SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 50kVA,100 kVA & 200 kVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION). APMS (Asset Performance Management System) for 50kVA,100kVA & 200KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-050, APMS-MC-OTL-100 & APMS-MC-OTL-200 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details” attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection Item: APMS (Asset Performance Management System) for 50kVA,100kVA & 200kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications Item: PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Item:** 70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications

**UNSPSC:** Power cable

**Specifications / Requirements:**

APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-050, APMS-MC-OTL-100, APMS-MC-OTL-200 & APMS-MC-OTL-630 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details” attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded

in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection

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**Item:** PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specifications

**UNSPSC:** Automatic wire or cable connector

**Specifications / Requirements:**

(SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 50kVA,100 kVA & 200 kVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION). APMS (Asset Performance Management System) for 50kVA,100kVA & 200kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-050, APMS-MC-OTL-100 & APMS-MC-OTL-200 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details” attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection Item: APMS (Asset Performance Management System) for 50kVA,100kVA & 200kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications Item: PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Item:** PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specifications

**UNSPSC:** Automatic wire or cable connector

**Specifications / Requirements:**

(SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 50kVA,100 kVA & 200 kVA DISTRIBUTION

TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION). APMS (Asset Performance Management System) for 50kVA,100kVA & 200KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-050, APMS-MC-OTL-100 & APMS-MC-OTL-200 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details” attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection Item: APMS (Asset Performance Management System) for 50kVA,100kVA & 200kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications Item: PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Item:** PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specifications

**UNSPSC:** Automatic wire or cable connector

**Specifications / Requirements:**

(SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 50kVA,100 kVA & 200 kVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION). APMS (Asset Performance Management System) for 50kVA,100kVA & 200KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-050, APMS-MC-OTL-100 & APMS-MC-OTL-200 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details” attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection Item: APMS (Asset Performance Management System) for 50kVA,100kVA & 200kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications Item: PG

connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Item:** Complete installation of Items listed along with other Equipment / Material which is not included in this list but is essential for a complete functional system

**UNSPSC:** Electrical accessories or supplies manufacture services

**Specifications / Requirements:**

(SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 50kVA,100 kVA & 200 kVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION). APMS (Asset Performance Management System) for 50kVA,100kVA & 200KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-050, APMS-MC-OTL-100 & APMS-MC-OTL-200 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details” attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection Item: APMS (Asset Performance Management System) for 50kVA,100kVA & 200kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications Item: PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Lot Title :** SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA, 100kVA, 200kVA & 630-kVA DISTRIBUTION TRANSFORMERS ON 10-NOS. HIGH AT&C LOSS FEEDERS ALONG WITH ALLIED MATERIAL AND SERVICE

**Item:** APMS (Asset Performance Management System) for 200KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature

**UNSPSC:** Power generation or transmission or distribution equipment manufacture services

**Specifications / Requirements:**

Lot Title : LOT 2 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 50KVA,100 kVA,200 kVA & 630KVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION).APMS (Asset Performance Management System) for 50kVA,100kVA, 200KVA & 630KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-050, APMS-MC-OTL-100, APMS-MC-OTL-200 & APMS-MC-OTL-630 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details” attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection APMS (Asset Performance Management System) for 50kVA,100kVA,200kVA &400kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature Item: -400 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications,- 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications PG connectors for 400 mm<sup>2</sup>, S/C Al. Cable (16 Nos. for each APMS) as per relevant DDS specification, PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Item:** APMS (Asset Performance Management System) for 25KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature

**UNSPSC:** Power generation or transmission or distribution equipment manufacture services

**Specifications / Requirements:**

Lot Title : LOT 2 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 50kVA,100 kVA,200 kVA & 630kVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION).APMS (Asset Performance Management System) for 50kVA,100kVA, 200KVA & 630kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-050, APMS-MC-OTL-100, APMS-MC-OTL-200 & APMS-MC-OTL-630 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details” attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection APMS (Asset Performance Management System) for 50kVA,100kVA,200kVA &400kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature Item: -400 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications,- 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications PG connectors for 400 mm<sup>2</sup>, S/C Al. Cable (16 Nos. for each APMS) as per relevant DDS specification, PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Item:** APMS (Asset Performance Management System) for 100KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature

**UNSPSC:** Power generation or transmission or distribution equipment manufacture services

### **Specifications / Requirements:**

Lot Title : LOT 2 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 50kVA,100 kVA,200 kVA & 630kVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION).APMS (Asset Performance Management System) for 50kVA,100kVA, 200KVA & 630kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-050, APMS-MC-OTL-100, APMS-MC-OTL-200 & APMS-MC-OTL-630 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details” attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements

and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection APMS (Asset Performance Management System) for 50kVA,100kVA,200kVA &400kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature Item: -400 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications,- 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications PG connectors for 400 mm<sup>2</sup>, S/C Al. Cable (16 Nos. for each APMS) as per relevant DDS specification, PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Item:** APMS (Asset Performance Management System) for 50KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature

**UNSPSC:** Power generation or transmission or distribution equipment manufacture services

**Specifications / Requirements:**

Lot Title : LOT 2 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 50kVA,100 kVA,200 kVA & 630kVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION).APMS (Asset Performance Management System) for 50kVA,100kVA, 200KVA & 630kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-050, APMS-MC-OTL-100, APMS-MC-OTL-200 & APMS-MC-OTL-630 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details” attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection APMS (Asset Performance Management System) for 50kVA,100kVA,200kVA &400kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature Item: -400 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications,- 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications PG connectors for 400 mm<sup>2</sup>, S/C Al. Cable (16 Nos. for each APMS) as per relevant DDS specification, PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant

DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Item:** 25 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications

**UNSPSC:** Power cable

**Specifications / Requirements:**

Lot Title : LOT 2 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 50kVA,100 kVA,200 kVA & 630kVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION).APMS (Asset Performance Management System) for 50kVA,100kVA, 200KVA & 630KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-050, APMS-MC-OTL-100, APMS-MC-OTL-200 & APMS-MC-OTL-630 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details” attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection APMS (Asset Performance Management System) for 50kVA,100kVA,200kVA &400kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature Item: -400 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications,- 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications PG connectors for 400 mm<sup>2</sup>, S/C Al. Cable (16 Nos. for each APMS) as per relevant DDS specification, PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Item:** 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications

**UNSPSC:** Power cable

## Specifications / Requirements:

Lot Title : LOT 2 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 50kVA,100 kVA,200 kVA & 630kVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION).APMS (Asset Performance Management System) for 50kVA,100kVA, 200KVA & 630KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-050, APMS-MC-OTL-100, APMS-MC-OTL-200 & APMS-MC-OTL-630 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details" attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection APMS (Asset Performance Management System) for 50kVA,100kVA,200kVA &400kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature Item: -400 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications,- 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications PG connectors for 400 mm<sup>2</sup>, S/C Al. Cable (16 Nos. for each APMS) as per relevant DDS specification, PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Item:** 150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications

**UNSPSC:** Power cable

## Specifications / Requirements:

Lot Title : LOT 2 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 50kVA,100 kVA,200 kVA & 630kVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION).APMS (Asset Performance Management System) for 50kVA,100kVA, 200KVA & 630KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-050, APMS-MC-OTL-100, APMS-MC-OTL-200 & APMS-MC-OTL-630 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details" attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements

and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection APMS (Asset Performance Management System) for 50kVA,100kVA,200kVA &400kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature Item: -400 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications,- 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications PG connectors for 400 mm<sup>2</sup>, S/C Al. Cable (16 Nos. for each APMS) as per relevant DDS specification, PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Item:** 70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications

**UNSPSC:** Power cable

**Specifications / Requirements:**

Lot Title : LOT 2 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 50kVA,100 kVA,200 kVA & 630kVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION).APMS (Asset Performance Management System) for 50kVA,100kVA, 200KVA & 630kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-050, APMS-MC-OTL-100, APMS-MC-OTL-200 & APMS-MC-OTL-630 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details" attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection APMS (Asset Performance Management System) for 50kVA,100kVA,200kVA &400kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature Item: -400 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications,- 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications PG connectors for 400 mm<sup>2</sup>, S/C Al. Cable (16 Nos. for each APMS) as per relevant DDS specification, PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each

APMS) as per relevant DDS specification

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**Item:** PG connectors for 25 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specifications

**UNSPSC:** Automatic wire or cable connector

**Specifications / Requirements:**

Lot Title : LOT 2 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 50kVA,100 kVA,200 kVA & 630kVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION).APMS (Asset Performance Management System) for 50kVA,100kVA, 200kVA & 630kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-050, APMS-MC-OTL-100, APMS-MC-OTL-200 & APMS-MC-OTL-630 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details" attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection APMS (Asset Performance Management System) for 50kVA,100kVA,200kVA &400kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature Item: -400 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications,- 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications PG connectors for 400 mm<sup>2</sup>, S/C Al. Cable (16 Nos. for each APMS) as per relevant DDS specification, PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Item:** PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specifications

**UNSPSC:** Automatic wire or cable connector

**Specifications / Requirements:**

Lot Title : LOT 2 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 50kVA,100 kVA,200 kVA & 630kVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION).APMS (Asset Performance Management System) for 50kVA,100kVA, 200KVA & 630kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-050, APMS-MC-OTL-100, APMS-MC-OTL-200 & APMS-MC-OTL-630 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details” attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection APMS (Asset Performance Management System) for 50kVA,100kVA,200kVA &400kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature Item: -400 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications,- 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications PG connectors for 400 mm<sup>2</sup>, S/C Al. Cable (16 Nos. for each APMS) as per relevant DDS specification, PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Item:** PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specifications

**UNSPSC:** Automatic wire or cable connector

### **Specifications / Requirements:**

Lot Title : LOT 2 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 50kVA,100 kVA,200 kVA & 630kVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION).APMS (Asset Performance Management System) for 50kVA,100kVA, 200KVA & 630kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-050, APMS-MC-OTL-100, APMS-MC-OTL-200 & APMS-MC-OTL-630 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details” attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection APMS (Asset

Performance Management System) for 50kVA,100kVA,200kVA &400kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature Item: -400 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications,- 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications PG connectors for 400 mm<sup>2</sup>, S/C Al. Cable (16 Nos. for each APMS) as per relevant DDS specification, PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Item:** PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specifications

**UNSPSC:** Automatic wire or cable connector

**Specifications / Requirements:**

Lot Title : LOT 2 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 50kVA,100 kVA,200 kVA & 630kVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION).APMS (Asset Performance Management System) for 50kVA,100kVA, 200KVA & 630kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-050, APMS-MC-OTL-100, APMS-MC-OTL-200 & APMS-MC-OTL-630 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details” attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection APMS (Asset Performance Management System) for 50kVA,100kVA,200kVA &400kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature Item: -400 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications,- 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications PG connectors for 400 mm<sup>2</sup>, S/C Al. Cable (16 Nos. for each APMS) as per relevant DDS specification, PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Item:** Complete installation of Items listed along with other Equipment / Material which is not included in this list but is essential for a complete functional system

**UNSPSC:** Electrical accessories or supplies manufacture services

**Specifications / Requirements:**

Lot Title : LOT 2 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 50kVA,100 kVA,200 kVA & 630kVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION).APMS (Asset Performance Management System) for 50kVA,100kVA, 200KVA & 630kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-050, APMS-MC-OTL-100, APMS-MC-OTL-200 & APMS-MC-OTL-630 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details” attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection APMS (Asset Performance Management System) for 50kVA,100kVA,200kVA &400kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature Item: -400 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications,- 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications PG connectors for 400 mm<sup>2</sup>, S/C Al. Cable (16 Nos. for each APMS) as per relevant DDS specification, PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Lot Title :** SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA, 100kVA, 200kVA & 630-kVA DISTRIBUTION TRANSFORMERS ON 10-NOS. HIGH AT&C LOSS FEEDERS ALONG WITH ALLIED MATERIAL AND SERVICE

**Item:** APMS (Asset Performance Management System) for 200KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature

**UNSPSC:** Power generation or transmission or distribution equipment manufacture services

**Specifications / Requirements:**

Lot Title : LOT 3 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA,100 kVA & 200 kVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION). : APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature 1. APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-025, APMS-MC-OTL-050, APMS-MC-OTL-100 & APMS-MC-OTL-200 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details” attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature Item:- 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications, -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -25 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications Item: PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 25 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Item:** APMS (Asset Performance Management System) for 100KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature

**UNSPSC:** Power generation or transmission or distribution equipment manufacture services

**Specifications / Requirements:**

Lot Title : LOT 3 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA,100 kVA & 200 kVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION). : APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature 1. APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-025, APMS-MC-OTL-050, APMS-MC-OTL-100 & APMS-MC-OTL-200 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details” attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature Item:- 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications, -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -25 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications Item: PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 25 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Item:** 150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications

**UNSPSC:** Power cable

### **Specifications / Requirements:**

Lot Title : LOT 3 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA,100 kVA & 200 kVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION). : APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature 1. APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-025, APMS-MC-OTL-050, APMS-MC-OTL-100 & APMS-MC-OTL-200 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details” attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection APMS (Asset

Performance Management System) for 25kVA, 50kVA,100kVA & 200kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature Item:- 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications, -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -25 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications Item: PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 25 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Item:** 70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications

**UNSPSC:** Power cable

**Specifications / Requirements:**

Lot Title : LOT 3 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA,100 kVA & 200 KVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION). : APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature 1. APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-025, APMS-MC-OTL-050, APMS-MC-OTL-100 & APMS-MC-OTL-200 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details” attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature Item:- 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications, -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -25 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications Item: PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 25 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Item:** 400 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (30 meters for each phase & neutral) as per relevant DDS specifications

**UNSPSC:** Power cable

**Specifications / Requirements:**

Lot Title : LOT 3 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA,100 kVA & 200 KVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION). : APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature 1. APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-025, APMS-MC-OTL-050, APMS-MC-OTL-100 & APMS-MC-OTL-200 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details” attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature Item:- 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications, -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -25 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications Item: PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 25 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Item:** PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specifications

**UNSPSC:** Automatic wire or cable connector

**Specifications / Requirements:**

Lot Title : LOT 3 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA,100 kVA & 200 KVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION). : APMS (Asset Performance Management System) for 25kVA,

50kVA,100kVA & 200KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature 1. APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-025, APMS-MC-OTL-050, APMS-MC-OTL-100 & APMS-MC-OTL-200 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details” attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature Item:- 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications, -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -25 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications Item: PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 25 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Item:** PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specifications

**UNSPSC:** Automatic wire or cable connector

### **Specifications / Requirements:**

Lot Title : LOT 3 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA,100 kVA & 200 kVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION). : APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature 1. APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-025, APMS-MC-OTL-050, APMS-MC-OTL-100 & APMS-MC-OTL-200 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details” attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature Item:- 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per

relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications, -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -25 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications Item: PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 25 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Item:** PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specifications

**UNSPSC:** Automatic wire or cable connector

**Specifications / Requirements:**

Lot Title : LOT 3 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA,100 kVA & 200 kVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION). : APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature 1. APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-025, APMS-MC-OTL-050, APMS-MC-OTL-100 & APMS-MC-OTL-200 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details" attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature Item:- 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications, -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -25 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications Item: PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 25 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Item:** PG connectors for 400 mm<sup>2</sup>, S/C Al. Cable (16 Nos. for each APMS) as per relevant DDS specifications

**UNSPSC:** Automatic wire or cable connector

**Specifications / Requirements:**

Lot Title : LOT 3 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA,100 kVA & 200 kVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION). : APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature 1. APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-025, APMS-MC-OTL-050, APMS-MC-OTL-100 & APMS-MC-OTL-200 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details” attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature Item:- 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications, -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -25 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications Item: PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 25 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Item:** Complete installation of Items listed along with other Equipment / Material which is not included in this list but is essential for a complete functional system

**UNSPSC:** Electrical accessories or supplies manufacture services

**Specifications / Requirements:**

Lot Title : LOT 3 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA,100 kVA & 200

kVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION). : APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature 1. APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-025, APMS-MC-OTL-050, APMS-MC-OTL-100 & APMS-MC-OTL-200 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details” attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature Item:- 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications, -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -25 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications Item: PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 25 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Item:** APMS (Asset Performance Management System) for 50KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature

**UNSPSC:** Power generation or transmission or distribution equipment manufacture services

### **Specifications / Requirements:**

Lot Title : LOT 3 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA,100 kVA & 200 kVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION). : APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature 1. APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-025, APMS-MC-OTL-050, APMS-MC-OTL-100 & APMS-MC-OTL-200 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details” attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection APMS (Asset

Performance Management System) for 25kVA, 50kVA,100kVA & 200kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature Item:- 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications, -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -25 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications Item: PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 25 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Item:** APMS (Asset Performance Management System) for 630KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature

**UNSPSC:** Power generation or transmission or distribution equipment manufacture services

**Specifications / Requirements:**

Lot Title : LOT 3 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA,100 kVA & 200 KVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION). : APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature 1. APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-025, APMS-MC-OTL-050, APMS-MC-OTL-100 & APMS-MC-OTL-200 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details” attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature Item:- 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications, -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -25 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications Item: PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 25 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as

per relevant DDS specification

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**Item:** 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications

**UNSPSC:** Power cable

**Specifications / Requirements:**

Lot Title : LOT 3 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA,100 kVA & 200 kVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION). : APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature 1. APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-025, APMS-MC-OTL-050, APMS-MC-OTL-100 & APMS-MC-OTL-200 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details” attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature Item:- 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications, -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -25 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications Item: PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 25 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Lot Title :** SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA, 100kVA, 200kVA & 630-kVA DISTRIBUTION TRANSFORMERS ON 10-NOS. HIGH AT&C LOSS FEEDERS ALONG WITH ALLIED MATERIAL AND SERVICE

**Item:** APMS (Asset Performance Management System) for 200KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature

**UNSPSC:** Power generation or transmission or distribution equipment manufacture services

**Specifications / Requirements:**

Lot Title : LOT 4 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA,100 kVA & 200 KVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION).APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature Specifications / Requirements: APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-025, APMS-MC-OTL-050, APMS-MC-OTL-100 & APMS-MC-OTL-200 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details” attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications, -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -25 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 25 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Item:** APMS (Asset Performance Management System) for 100KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature

**UNSPSC:** Power generation or transmission or distribution equipment manufacture services

**Specifications / Requirements:**

Lot Title : LOT 4 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA,100 kVA & 200 kVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION).APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature Specifications / Requirements: APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-025, APMS-MC-OTL-050, APMS-MC-OTL-100 & APMS-MC-OTL-200 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details” attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications, -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -25 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 25 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Item:** APMS (Asset Performance Management System) for 50KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature

**UNSPSC:** Power generation or transmission or distribution equipment manufacture services

### **Specifications / Requirements:**

Lot Title : LOT 4 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA,100 kVA & 200 kVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION).APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature Specifications / Requirements: APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-025, APMS-MC-OTL-050, APMS-MC-OTL-100 & APMS-MC-OTL-200 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details” attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory

technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications, -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -25 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 25 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Item:** APMS (Asset Performance Management System) for 25KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature

**UNSPSC:** Power generation or transmission or distribution equipment manufacture services

**Specifications / Requirements:**

Lot Title : LOT 4 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA,100 kVA & 200 kVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION).APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature Specifications / Requirements: APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-025, APMS-MC-OTL-050, APMS-MC-OTL-100 & APMS-MC-OTL-200 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details” attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications, -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -25 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS

specification, PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 25 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Item:** 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications

**UNSPSC:** Power cable

**Specifications / Requirements:**

Lot Title : LOT 4 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA,100 kVA & 200 KVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION).APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature Specifications / Requirements: APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-025, APMS-MC-OTL-050, APMS-MC-OTL-100 & APMS-MC-OTL-200 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details” attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications, -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -25 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 25 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Item:** 150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications

**UNSPSC:** Power cable

## Specifications / Requirements:

Lot Title : LOT 4 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA,100 kVA & 200 KVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION).APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature Specifications / Requirements: APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-025, APMS-MC-OTL-050, APMS-MC-OTL-100 & APMS-MC-OTL-200 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details" attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications, -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -25 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 25 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Item:** 70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications

**UNSPSC:** Power cable

## Specifications / Requirements:

Lot Title : LOT 4 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA,100 kVA & 200 KVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION).APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature Specifications / Requirements: APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-025, APMS-MC-OTL-050, APMS-MC-OTL-100 & APMS-MC-OTL-200 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details" attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory

technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications, -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -25 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 25 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Item:** 25 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications

**UNSPSC:** Power cable

**Specifications / Requirements:**

Lot Title : LOT 4 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA,100 kVA & 200 KVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION).APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature Specifications / Requirements: APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-025, APMS-MC-OTL-050, APMS-MC-OTL-100 & APMS-MC-OTL-200 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details” attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications, -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -25 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 25 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as

per relevant DDS specification

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**Item:** PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specifications

**UNSPSC:** Automatic wire or cable connector

**Specifications / Requirements:**

Lot Title : LOT 4 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA,100 kVA & 200 KVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION).APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature Specifications / Requirements: APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-025, APMS-MC-OTL-050, APMS-MC-OTL-100 & APMS-MC-OTL-200 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details" attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications, -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -25 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 25 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Item:** PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specifications

**UNSPSC:** Automatic wire or cable connector

**Specifications / Requirements:**

Lot Title : LOT 4 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA,100 kVA & 200 KVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION).APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature Specifications / Requirements: APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-025, APMS-MC-OTL-050, APMS-MC-OTL-100 & APMS-MC-OTL-200 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details” attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications, -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -25 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 25 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Item:** PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specifications

**UNSPSC:** Automatic wire or cable connector

**Specifications / Requirements:**

Lot Title : LOT 4 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA,100 kVA & 200 KVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION).APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature Specifications / Requirements: APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-025, APMS-MC-OTL-050, APMS-MC-OTL-100 & APMS-MC-OTL-200 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details” attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to

rejection APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications, -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -25 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 25 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Item:** PG connectors for 25 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specifications

**UNSPSC:** Automatic wire or cable connector

**Specifications / Requirements:**

Lot Title : LOT 4 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA,100 kVA & 200 KVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION).APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature Specifications / Requirements: APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-025, APMS-MC-OTL-050, APMS-MC-OTL-100 & APMS-MC-OTL-200 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details” attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications, -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -25 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 25 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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**Item:** Complete installation of Items listed along with other Equipment / Material which is not included in this list but is essential for a complete functional system

**UNSPSC:** Electrical accessories or supplies manufacture services

**Specifications / Requirements:**

Lot Title : LOT 4 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA,100 kVA & 200 KVA DISTRIBUTION TRANSFORMERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION).APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature Specifications / Requirements: APMS: PPMC-DS-01:2026 with ordering codes APMS-MC-OTL-025, APMS-MC-OTL-050, APMS-MC-OTL-100 & APMS-MC-OTL-200 2. Cable: DDS 08:2007 (amended to date) 3. PG Connectors: P-25:67 (amended to date) All Other / Remaining Details” attached in the Annexure Section, including PPMC Technical Instructions and supporting documents uploaded in PDF format due to space/format limitations in the Specification Section, shall be considered mandatory technical requirements and an integral part of the Bidding Documents. Bidders are required to comply with all such requirements/instructions; otherwise, the bid shall be liable to rejection APMS (Asset Performance Management System) for 25kVA, 50kVA,100kVA & 200kVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature 300 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications -150 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications, -70 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications & -25 mm<sup>2</sup>, S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications PG connectors for 300 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 150 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification, PG connectors for 70 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification & PG connectors for 25 mm<sup>2</sup>, S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specification

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# Price Schedule

## For Individual Items

#	Item Title	Quantity	Unit Price (PKR)	Total Price (PKR)	Delivery Location	Delivery Period / Year	Country of Origin
1							
2							

## For Lots

#	Lot Title	Total Lot Price (PKR)	Country of Origin
1	[Lot 1 Title]		





## General Conditions of Contract

## A. General

### 1. Definitions

1.1 Unless the context otherwise requires, the following terms whenever used in this Contract shall have the same meaning and shall be interpreted as indicated

- a. "Applicable Law" means the laws and any other instruments having the force of law in the Government's Country, or in such other country as may be specified in the Special Conditions of the Contract (SC), as they may be issued and in force from time to time;
- b. "Procuring Agency" means:-
  - a. any Ministry, Division, Department or any Office of the Government;
  - b. any authority, corporation, body or organization established by or under a Law or which is owned or controlled by the Government;
- c. "The Contract" means an agreement enforceable by law;
- d. "The Contract Price" means the price payable to the Bidder under the Contract for the full and proper performance of its contractual obligations;
- e. "Ancillary Services" means those services ancillary to the provision of Goods, such as transportation and insurance, and any other incidental services, such as installation, commissioning, provision of technical assistance, training, and other such obligations of the Bidder covered under the Contract;
- f. "GCC" means the General Conditions of Contract contained in this section;
- g. "SCC" means the Special Conditions of Contract by which the GCC may be amended or supplemented;
- h. "Day" means calendar day unless indicated otherwise.
- i. "Effective Date" means the date on which this Contract comes into force and effect.
- j. "The Bidder" means the individual or corporate body whose Bids to provide the Goods has been accepted by the Procuring Agency;
- k. "The Project Site," where applicable, means the place or places named in Bids Data Sheet and technical Specifications;
- l. "Government" means the Government of Pakistan;
- m. "Subcontractor" means any entity to which the Bidder subcontracts any part of the Goods.
- n. "Service" means any object of procurement other than goods or works;
- o. "Party" means the Procuring Agency or the Bidder, as the case may be, and "Parties" means both of them;
- p. "Foreign Currency" means any currency other than the currency of the country of the Procuring Agency;

q. "Completion Date" means the date of completion of the contract by the Bidder as certified by the Procuring Agency;

r. "In Writing" means communicated in written form with proof of receipt;

s. "Local Currency" means the currency of Pakistan;

## **2. Application and Interpretation**

2.1 These General Conditions shall apply to the extent that they are not superseded by provisions of other parts of the Contract.

2.2 In interpreting these Conditions of Contract headings and marginal notes are used for convenience only and shall not affect their interpretations unless specifically stated; references to singular include the plural and vice versa; and masculine include the feminine. Words have their ordinary meaning under the language of the Contract unless specifically defined.

## **3. Applicable Law**

3.1 The contract shall be governed and interpreted in accordance with the laws of Pakistan, unless otherwise specified in SCC.

## **4. Governing Language**

4.1 The Contract as well as all correspondence and documents relating to the Contract exchanged between the Bidder and the Procuring Agency, shall be written in the **English language** unless otherwise stated in the SCC. Supporting documents and printed literature that are part of the Contract may be in another language provided these are accompanied by an accurate translation of the relevant passages in English, in which case, for purposes of interpretation of the Contract, this translation shall govern.

## **5. Notices**

5.1 Any notice, request, or consent made pursuant to this Contract shall be in writing and shall be deemed to have been made when delivered in person to an authorized representative of the Party to whom the communication is addressed, or when sent by registered mail, telex, telegram, or facsimile to such Party at the address specified in the SCC.

## **6. Delivery/Location**

6.1 The Goods shall be delivered to such locations as the Procuring Agency may approve and as specified in SCC.

## **7. Authorized Representatives / Authority of Member in charge**

7.1 Any action required or permitted to be taken, and any document required or permitted to be executed, under this Contract by the Procuring Agency or the Bidder may be taken or executed by the officials specified in the SCC.

## **B. Commencement, Completion, Modification, and Termination of Contract**

### **8. Effectiveness of Contract**

8.1 This Contract shall come into effect on the date the Contract is signed by both parties and such other later date as may be stated in the SCC.

## **9. Commencement of Services**

9.1 The Bidder shall confirm availability of Key Experts and begin carrying out the Services not later than the number of days after the Effective Date specified in the SCC.

## **10. Program**

10.1 Before commencement of the Services, the Bidder shall submit to the Procuring Agency for approval a Program showing the general methods, arrangements, order and timing for all activities. The Services shall be carried out in accordance with the approved Program as updated.

## **11. Starting Date/Expiration Date**

11.1 The Bidder shall start carrying out the Services Five (05) days after the date the Contract becomes effective, or at such other date as may be specified in the SCC.

11.2 Unless terminated earlier pursuant to Clause **GCC 15** hereof, this Contract shall expire at the end of such time period after the Effective Date as specified in the SCC.

## **12. Entire Agreement**

12.1 This Contract contains all covenants, stipulations and provisions agreed by the Parties. No agent or representative of either Party has authority to make, and the Parties shall not be bound by or be liable for, any statement, representation, promise or agreement not set forth herein.

## **13. Modification**

13.1 Any modification or variation of the terms and conditions of this Contract, including any modification or variation of the scope of the Services, may only be made by written agreement between the Parties. However, each Party shall give due consideration to any Bids for modification or variation made by the other Party.

13.2 In cases of any modifications or variations, the prior written consent of the Procuring Agency is required.

## **14. Force Majeure**

### **14.1 Definition**

For the purposes of this Contract, "Force Majeure" means an event which is beyond the reasonable control of a Party and which makes a Party's performance of its obligations under the Contract impossible or so impractical as to be considered impossible under the circumstances.

### **14.2 No Breach of Contract**

The failure of a Party to fulfill any of its obligations under the contract shall not be considered to be a breach of, or default under, this Contract in so far as such inability arises from an event of Force Majeure, provided that the Party affected by such an event (a) has taken all reasonable precautions, due care and reasonable alternative measures in order to carry out the terms and conditions of this Contract, and (b) has informed the other Party as soon as possible about the occurrence of such an event.

### **14.3 Extension of Time**

Any period within which a Party shall, pursuant to this Contract, complete any action or task, shall be extended for a period equal to the time during which such Party was unable to perform such action as a result

of Force Majeure.

#### **14.4 Payments**

During the period of their inability to perform the Services as a result of an event of Force Majeure, the Bidder shall be entitled to continue to be paid under the terms of this Contract, as well as to be reimbursed for additional costs reasonably and necessarily incurred by them during such period for the purposes of the Services and in reactivating the Service after the end of such period.

#### **15. Termination**

##### **15.1 By the Procuring Agency**

The Procuring Agency may terminate this Contract in case of the occurrence of any of the events specified in paragraphs (a) through (e) of this Clause. In such an occurrence the Procuring Agency shall give at least thirty (30) calendar days' written notice of termination to the Bidder in case of the events referred to in (a) through (d); at least sixty (60) calendar days' written notice in case of the event referred to in (e);

- a. If the Bidder fails to remedy a failure in the performance of its obligations hereunder, as specified in a notice of suspension;
- b. If the Bidder becomes (or, if the Bidder consists of more than one entity, if any of its members becomes) insolvent or bankrupt or enter into any agreements with their creditors for relief of debt or take advantage of any law for the benefit of debtors or go into liquidation or receivership whether compulsory or voluntary;
- c. If the Bidder fails to comply with any final decision reached as a result of arbitration proceedings;
- d. If, as the result of Force Majeure, the Bidder is unable to perform a material portion of the Services for a period of not less than sixty (60) calendar days;
- e. If the Procuring Agency, in its sole discretion and for any reason whatsoever, decides to terminate this Contract;

##### **15.2 By the Bidder**

The Bidder may terminate this Contract, by not less than thirty (30) calendar days' written notice to the Procuring Agency, in case of the occurrence of any of the events specified in paragraphs (a) through (d) of this Clause.

- a. If the Procuring Agency fails to pay any money due to the Bidder pursuant to this Contract and not subject to dispute within forty-five (45) calendar days after receiving written notice from the Bidder that such payment is overdue.
- b. If, as the result of Force Majeure, the Bidder is unable to perform a material portion of the Services for a period of not less than sixty (60) calendar days.
- c. If the Procuring Agency fails to comply with any final decision reached as a result of arbitration.
- d. If the Procuring Agency is in material breach of its obligations pursuant to this Contract and has not remedied the same within forty-five (45) days (or such longer period as the Bidder may have subsequently approved in writing) following the receipt by the Procuring Agency of the Bidder's notice specifying such breach.

## **C. Obligations of the Bidder**

## **16. General**

### **16.1 Standard of Performance**

1. The Bidder shall deliver the product and carry out the Services with all due diligence, efficiency and economy, in accordance with generally accepted professional standards and practices, and shall observe sound management practices, and employ appropriate technology and safe and effective equipment, machinery, materials and methods. The Bidder shall always act, in respect of any matter relating to this Contract or to the Services, as a faithful adviser to the Procuring Agency, and shall at all times support and safeguard the Procuring Agency's legitimate interests in any dealings with the third parties.

### **16.2 Law Applicable to Goods**

The Bidder shall deliver the goods in accordance with the Contract and in accordance with the Law of Pakistan and shall take all practicable steps to ensure that any of its Experts and Sub-Bidders, comply with the Applicable Law.

## **17. Conflict of Interests**

### **17.1 Bidder Not to Benefit from Commissions and Discounts.**

The remuneration of the Bidder shall constitute the Bidder's sole remuneration in connection with this Contract or the Services, and the Bidder shall not accept for their own benefit any trade commission, discount, or similar payment in connection with activities pursuant to this Contract or to the Services or in the discharge of their obligations under the Contract, and the Bidder shall use their best efforts to ensure that the Personnel, any Subcontractors, and agents of either of them similarly shall not receive any such additional remuneration.

### **17.2 Bidder and Affiliates Not to be Otherwise Interested in Project**

The Bidder agree that, during the term of this Contract and after its termination, the Bidder and its affiliates, as well as any Subcontractor and any of its affiliates, shall be disqualified from providing Goods for any project resulting from or closely related to the Services.

### **17.3 Prohibition of Conflicting Activities**

Neither the Bidder nor its Subcontractors nor the Personnel shall engage, either directly or indirectly, in any of the following activities:

- a. during the term of this Contract, any business or professional activities in the Government's country which would conflict with the activities assigned to them under this Contract;
- b. during the term of this Contract, neither the Bidder nor their Subcontractors shall hire public employees in active duty or on any type of leave, to perform any activity under this Contract;

## **18. Confidentiality**

18.1 Except with the prior written consent of the Procuring Agency, the Bidder and the Experts shall not at any time communicate to any person or entity any confidential information acquired in the course of the contract.

## **19. Insurance to be Taken Out by the Bidder**

19.1 The Bidder(a) shall take out and maintain, and shall cause any Subcontractors to take out and maintain, at its (or the Subcontractors', as the case may be) own cost but on terms and conditions approved by the Procuring Agency, insurance against the risks, loss or damage, and for the coverage, as shall be specified in the SCC; and (b) at the Procuring Agency's request, shall provide evidence to the Procuring Agency showing that such insurance has been taken out and maintained and that the current premiums have been paid.

## **20. Bidder's Actions Requiring Procuring Agency's Prior Approval**

20.1 The Bidder shall obtain the Procuring Agency's prior approval in writing before taking any of the following actions:

- (a) appointing such members of the Personnel not provided by the Bidder;
- (b) changing the Program of activities; and
- (c) any other action that may be specified in the SCC.

## **21. Reporting Obligations**

21.1 The Bidder shall submit to the Procuring Agency the reports and documents in the numbers, and within the periods as prescribed by the Procuring Agency.

## **22. Liquidated Damages**

22.1 If the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the Contract, the Procuring Agency shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in SCC of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the performance security (or guarantee) specified in SCC. Once the said maximum is reached, the Procuring Agency may consider termination of the Contract pursuant to **GCC Clause 15**.

### **22.2 Correction for Over-payment**

If the Intended Completion Date is extended after liquidated damages have been paid, the Procuring Agency shall correct any overpayment of liquidated damages by the Bidder by adjusting the next payment certificate. The Bidder shall be paid interest on the overpayment, calculated from the date of payment to the date of repayment, at the rates specified in SCC.

### **22.3 Lack of performance penalty**

If the Bidder has not corrected a Defect within the time specified in the Procuring Agency's notice, a penalty for Lack of performance will be paid by the Bidder. The amount to be paid will be calculated as a percentage of the cost of having the Defect corrected, assessed as specified in the SCC.

## **23. Performance Guarantee**

23.1 Within Seven (07) days from the issuance of acceptance letter from the Procuring Agency, the successful Bidder shall furnish the Performance Guarantee in shape of ----- at the discretion of the PA in the amount **specified in SCC**. In case the amount of Bids security is equal or greater than

23.2 The proceeds of the Performance Guarantee shall be payable to the Procuring agency as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

23.3 The Performance Guarantee shall be denominated in the currency of the Contract, or in a freely convertible currency acceptable to the Procuring agency and shall be in the acceptable form as specified in SCC.

23.4 The Performance Guarantee will be discharged by the Procuring agency and returned to the Supplier not later than thirty (30) days following the date of completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless otherwise **specified in SCC**.

## **24. Fraud and Corruption**

24.1 The Procuring Agency requires the Supplier to disclose any commissions or fees that may have been paid or are to be paid to agents or any other party with respect to the Bidding process or execution of the Contract. The information disclosed must include at least the name and address of the agent or other party, the amount and currency, and the purpose of the commission, gratuity or fee.

## **25. Sustainable Procurement**

25.1 The Bidder shall conform to the sustainable procurement contractual provisions, if and as specified in the SCC.

## **D. Bidder's Personnel**

### **26. Description of Personnel**

26.1 The titles, agreed job descriptions, minimum qualifications, and estimated periods of engagement in the carrying out of the Services of the Bidder's Key Personnel. The Key Personnel listed by title as well as by name are hereby approved by the Procuring Agency.

### **27. Removal and/or Replacement of Personnel**

27.1 Except as the Procuring Agency may otherwise agree, no changes shall be made in the Key Personnel. If, for any reason beyond the reasonable control of the Bidder, it becomes necessary to replace any of the Key Personnel, the Bidder shall provide as a replacement a person of equivalent or better qualifications.

27.2 If the Procuring Agency finds that any of the Personnel have (i) committed serious misconduct or have been charged with having committed a criminal action, or (ii) have reasonable cause to be dissatisfied with the performance of any of the Personnel, then the Bidder shall, at the Procuring Agency's written request specifying the grounds thereof, provide as a replacement a person with qualifications and experience acceptable to the Procuring Agency.

27.3 The Bidder shall have no claim for additional costs arising out of or incidental to any removal and/or replacement of Personnel.

## **E. Obligations of the Procuring Agency**

### **28. Assistance and Exemptions**

28.1 The Procuring Agency shall use its best efforts to ensure that the Government shall provide the Bidder such assistance and exemptions as specified in the SCC.

### **29. Change in the Applicable Law**

29.1 If, after the date of this Contract, there is any change in the Applicable Law with respect to taxes and duties which increases or decreases the cost of the related Services rendered by the Bidder, then the remuneration and reimbursable expenses otherwise payable to the Bidder under this Contract shall be increased or decreased accordingly by agreement between the Parties, and corresponding adjustments shall be made to the amounts referred in the SCC.

### **30. Services and Facilities**

30.1 The Procuring Agency shall make available to the Bidder and the Experts, for the purposes of the Services and free of any charge, the services, facilities and property described , at the times and in the manner specified in the SCC or terms of reference.

30.2 In case that such services, facilities and property shall not be made available to the Bidder, the Parties shall agree on (i) any time extension that it may be appropriate to grant to the Bidder for the performance of the Services, (ii) the manner in which the Bidder shall procure any such services, facilities and property from other sources, and (iii) the additional payments, if any, to be made to the Bidder as a result thereof.

## **F. Payments to the Bidder**

### **31. Contract Price**

31.1 The price payable shall be in Pakistani Rupees unless otherwise specified in the SCC. Prices charged by the Supplier for Goods delivered under the Contract shall not vary from the prices quoted by the Supplier in its Bid.

### **32. Terms and Conditions of Payment**

32.1 Payments will be made to the Bidder according to the payment schedule stated in the SCC and as per actual invoice submitted by the Bidder.

32.2 Unless otherwise stated in the SCC, the advance payment shall be made against the provision by the Bidder of a bank guarantee for the same amount, and shall be valid for the period stated in the SCC. Any other payment shall be made after the conditions listed in the SCC for such payment have been met, and the Bidder have submitted an invoice to the Procuring Agency specifying the amount due.

### **33. Currency of Payment**

33.1 Any payment under this Contract shall be made in the currency(ies) specified in the SCC.

## **G. Quality Control**

### **34. Identifying Defects**

34.1 The principle and modalities of Inspection of the Goods by the Procuring Agency shall be as indicated in the SCC. The Procuring Agency shall check the Bidder's performance and notify him of any Defects that are found. Such checking shall not affect the Bidder's responsibilities. The Procuring Agency may instruct the Bidder to search for a Defect and to uncover and test any service that the Procuring Agency considers may have a Defect. Defect Liability Period is as defined in the SCC.

### **35. Correction of Defects, and**

#### **Lack of Performance Penalty**

35.1 The Procuring Agency shall give notice to the Bidder of any Defects before the end of the Contract. The Defects liability period shall be extended for as long as Defects remain to be corrected.

35.2 Every time notice a Defect is given, the Bidder shall correct the notified Defect within the length of time specified by the Procuring Agency's notice.

35.3 If the Bidder has not corrected a Defect within the time specified in the Procuring Agency's notice, the Procuring Agency will assess the cost of having the Defect corrected, the Bidder will pay this amount, and a Penalty for Lack of Performance.

### **36. Taxes and Duties**

36.1 A Supplier shall be entirely responsible for all taxes, duties, fees, etc., incurred until delivery of the contracted Goods to the Procuring Agency.

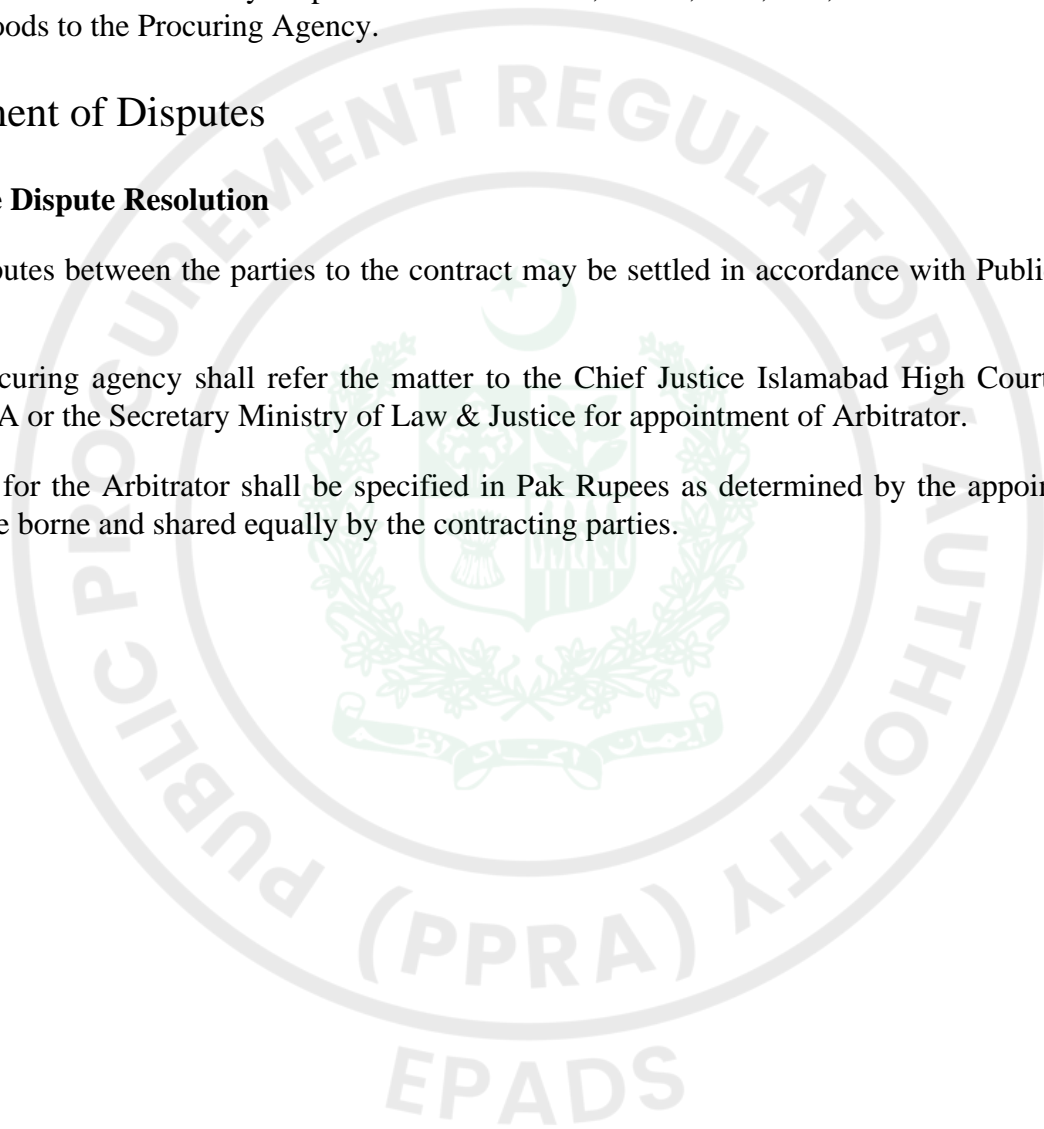
## **H. Settlement of Disputes**

### **37. Alternate Dispute Resolution**

37.1 The disputes between the parties to the contract may be settled in accordance with Public Procurement Rules, 2004.

37.2 The procuring agency shall refer the matter to the Chief Justice Islamabad High Court or Managing Director PPRA or the Secretary Ministry of Law & Justice for appointment of Arbitrator.

37.3 The fee for the Arbitrator shall be specified in Pak Rupees as determined by the appointing authority which shall be borne and shared equally by the contracting parties.





## Special Conditions of Contract

## **SECTION VIII. SPECIAL CONDITIONS OF CONTRACT**

The following Special Conditions of Contract shall supplement the General Conditions of Contract. Whenever there is a conflict, the provisions herein shall prevail over those in the Conditions of Contract. The corresponding clause number of the GCC is indicated in parentheses.

### **Number of GC Clause**

### **Amendments of, and Supplements to, Clauses in the General Conditions of Contract**

### **Number of GC Clause 1**

#### **Definitions**

**The Procuring Agency is:** LAHORE ELECTRIC SUPPLY COMPANY (MATERIAL MANAGEMENT), CHIEF ENGINEER Room No 312, 3rd Floor 22-A Queens Road Lahore

#### **The Supplier is:**

**The title of the subject procurement is:** TENDER NO 4386 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA, 100kVA, 200kVA & 630-kVA DISTRIBUTION TRANSFORMERS ON 10-NOS. HIGH AT&C LOSS FEEDERS

### **Number of GC Clause 3**

#### **Applicable/Governing Law:**

The Contract shall be interpreted in accordance with the laws of Islamic Republic of Pakistan

### **Number of GC Clause 4**

#### **Language:**

The language of the Contract, all correspondence and communications to be given, and all other documentation to be prepared and supplied under the Contract shall be in **English**.

### **Number of GC Clause 5**

#### **Notices:**

#### **The addresses for the notices are:**

Procuring Agency:

LAHORE ELECTRIC SUPPLY COMPANY (MATERIAL MANAGEMENT), CHIEF ENGINEER  
Room No 312, 3rd Floor 22-A Queens Road Lahore  
+92-370-499-0342  
ammm5@lesco.gov.pk

Contractor/ Bidder:

[Name, address and telephone number].

The Contractor/ Bidder's Representative(s)

[Name, address, telephone number and e-mail address]

**Number of GC Clause 7.1**

**The Authorized Representatives are:**

**For the Procuring Agency:**

LAHORE ELECTRIC SUPPLY COMPANY (MATERIAL MANAGEMENT), CHIEF ENGINEER  
Room No 312, 3rd Floor 22-A Queens Road Lahore  
+92-370-499-0342  
ammm5@lesco.gov.pk

**For the Bidder:**

**Name:** .....

**Designation:** .....

**Address:** .....

**Number of GC Clause 8**

**Effectiveness of the contract**

**Number of GC Clause 9**

**Commencement of Contract:**

**Number of GC Clause 11.2**

**Expiration of Contract:**

**Number of GC Clause 15**

**Termination**

In the event of termination of the contract due to any reason as already defined in the General Conditions of Contract, the Bidder shall be responsible for providing to the Authority the Goods till the time of alternate arrangements.

**Number of GC Clause 17**

**Conflict of Interest:**

The Procuring Agency reserves the right to determine on a case-by-case basis whether the Bidder should be disqualified from providing goods or services due to a conflict of a nature described in Clause GCC 17.

**Number of GC Clause 22**

**Liquidated Damages**

If the Bidder fails to provide services as required under the contract or in case of any data loss/data breach or any incident compromising the data security or other such failures related to any services, the Bidder shall

pay to the Procuring Agency as Liquidated Damages at a rate of **2.00%** to **10.00%** of the Contract value, in accordance with the extent of performance failure & the cost of investigating such incidents as judged by the Authority.

### **Number of GC Clause 23**

#### **Performance Guarantee:**

The amount of performance guarantee shall be **5.00%** of the contract price in acceptable form of **Pay Order, Banker's Cheque, Call at Deposit, Bank Guarantee, Demand Draft**

### **Number of GC Clause 32**

#### **Payment terms:**

Payment will be made to the Bidder against the procured Goods and services according to the actual invoice or running bills submitted by the Bidder against the services provided within the time given in the conditions of the contract.

### **Number of GC Clause 33**

#### **Currency of Payment:**

All the payment to be released to the contractor/Bidder shall be in Pakistani Rupees.

### **Number of GC Clause 34**

#### **Identifying Defects:**

The Authority reserves the right at any time to inspect the premises of the provider to inspect the goods and monitor the goods being provided.

### **Inspections & Tests Requirements**

a. Inspection and tests prior to shipment of Goods and at final acceptance are as follows: a) Inspection of offered material will be carried out at the manufacturer's premises by the C.E (MI) PPMC , C.E (TS) LESCO and CE (PIU) LESCO or his / their authorized representatives if required by the purchaser / competent authority. Notice in writing shall have to be given to the office of C.E (M.I) PPMC and Chief Engineer (MM) LESCO by you when the store against the order is ready for inspection.

All expenses of Inspector(s)/Engineer(s) will be borne by the Tenderer. Boarding/ Lodging, Daily Allowance etc. shall have to be borne by the Tenderers/Supplier. The manufacturer shall allow to Inspector(s) the use of his laboratory material, instruments & labor free of cost as per provision of the specification /usual trade practice.

The manufacturer/Supplier will have to deposit Inspection Fee @ 0.5% of the cost of material on order while offering material for inspection in the Account of Chief Engineer (MI) PPMC.

b. For local inspection, the bidder will provide all reasonable facilities as provided in the specifications or followed by the Industry or Trade in general, shall have to be afforded to the inspecting officers by you at your expense, boarding and lodging and daily allowance permissible under LESCO/WAPDA rules

c) In case the Goods fail to withstand any test, the cost of repeating such test at the cost of witnessing such test by the Inspector shall be borne by the Supplier and the equipment released or modified to the satisfaction of the purchaser without any additional cost to the purchaser

d) Any inspection and or witnessing of tests or the waiving of such tests and or surveillance by the Engineer/Inspectors shall not relieve the Supplier of its obligations and responsibilities under the Contract regardless of any approval or consent given by the Engineer and or Inspector

e) Site Acceptance Testing (SAT) will be carried out jointly by the Contract Manager LESCO and Concerned Deputy Manager (Operation) LESCO. Notice in writing to CE(MM) shall be given by the Contractor for SAT and Handing Over/Taking Over the site. Site completion report shall be issued by the committee within three (03) working days from issuance of Notice.

In case of any deviation from standard or unsatisfactory work, SAT shall be rejected under intimation to the office of Chief Engineer (MM) LESCO and Chief Engineer (O&M) Dist. LESCO. Chief Engineer (O&M) Dist. LESCO shall act as an arbitrator only in case of dispute arises due to rejection of SAT by the Committee

Two copies of all the Inspection and Tests Reports and certificates including those for quality control shall be supplied to the Engineer. The reports and certificates of such tests as have been witnessed shall be countersigned by the Engineer and or Inspector.

The manufacturer will have to develop/establish in house testing facilities for all the type tests as per standard specifications. These facilities should be approved by the Chief Engineer (S&S) NTDC/Chief technical services PPMC.

Joint Type Test shall be carried in accordance with relevant clause of the above specifications

The material supplied by the manufacturer should have the embossing/ printing/ punching/engraving of P.O. No., Date and Name of the Manufacturer at suitable location on material frame, name plate and Polycarbonate housing. Further the word "Warranty upto " shall also be embossed / printed / Stamped with bold black colour on the name plate of the material.

Note: Mention last date of expiry of warranty as per Specification warranty period.

Any changes suggested by the chief technical services PPMC during prototype testing for compliance of Specification and Purchase Order shall have to be incorporated without any extra price claim.

The testing charges of the material, if any, shall be borne by the tenderer.

All the material shall be locally manufactured at your Works or approved facilities in Pakistan under your quality control

Representative Chief technical services PPMC and LESCO shall verify the local manufacturing of parts/components at your Works or facilities elsewhere in Pakistan and assembly of complete material at your works during Stage Inspection of mass production once in every two months duration

The tenderer shall provide free of charge all such assistance, instruments, machines, labor & material as are normally required for carrying out such tests.

The tenderer shall submit the delivery schedule with offer.

The Contractor/Supplier have to submit the requisite Certificate (attached as Annexure-B), duly filled in, regarding the Declaration of Fees, Commission & Brokerage etc paid by you about Goods, Services & Works

If you fail to deliver the stores or any consignment thereof within the specified delivery period, the purchaser shall be entitled, at his option, either:-

- i. To recover from you Liquidated Damages levied at the rate of 2% per month or part thereof subject to the maximum up to 10% of the contract price, the liquidated damages shall be recovered only on the stores supplied late except where undelivered stores hold up the use of other stores, when it shall be for the total value of the Contract. The recovery of liquidated damages mentioned above can be affected from any payment due to you from any unit of WAPDA/PPMC /NTDC/ DISCOs/GENCOs
- ii. To purchase from elsewhere without notice to you at your risk and cost, the stores not delivered, without canceling the contract in respect of the consignment not yet due for delivery.
- iii. To cancel the contract at your risk and cost.

In the event of action being taken under (ii) or (iii) above, you shall be liable for any loss which the purchaser may suffer on that account; but you shall not be entitled to any gain on repurchase made against the supply order.

If during the course of execution of the contract agreement, you are blacklisted by WAPDA/PPMC/NTDC/DISCOs/GENCOs, the purchaser may proceed with all or any of the actions detailed below:

- i. To allow the Contract to run its course till completed in accordance with the terms and conditions of the contract.
- ii. To stop further supplies with or without financial repercussions.
- iii. To cancel the contract with or without reservations of rights

The bidder must have at least one (01) work order/purchase order /education order for the supply and/or installation of an Asset Performance Management System (APMS), executed in accordance with previous APMS specifications for DISCOs or any Government Department, with successful completion and satisfactory field performance.

In this regard, the bidder shall submit complete copies of contract agreements/work orders/purchase orders along with corresponding field performance certificates.

However, bidders who do not have purchase order/educational order/satisfactory performance certificate of prior supply of APMS to DISCOs as per previous APMS specifications shall be required to provide an extended field performance warranty of two (02) years in addition to it's standard warranty period of five (05) years . The bidder must accept this condition and submit an undertaking on non-judicial stamp paper to the procuring agency at the time of contract award.

## Delivery & Documents

For local supplier upon submission of delivery challan duly stamped and signed by LESCO/WAPDA consignee, Inspection Certificate, Warranty Certificate and confirmation of receipt of performance Security by this office

The above documents shall be received by the Procuring Agency before arrival of the Goods and, if not received, the Supplier will be responsible for any consequent expenses. The above documents shall be received by the Procuring Agency before arrival of the Goods and, if not received, the Supplier will be responsible for any consequent expenses.

a) On Delivery: - Seventy Percent (70%) of the total or pro rata EXW (APMS, Cable, etc.) upon delivery to LESCO. b) On Site Inspection:- Ten (10%) of the total or Pro rata EXW (APMS, Cable, etc.) upon successful site inspection. During site inspection, the visual inspection of quality of work and earthing of APMS box will be examined and certificate will be issued by site inspection committee

c) On Completion: - Twenty Percent (20%) of the total or pro rata EXW as balance payment (Meters, Cable, CTs etc.) upon installation and its integration / communication with MDM and issuance of Tier-2 certificate. For this payment the number of muted APMS/ meters should not exceed more than 2%. Any error in data or missing data of meters shall also be treated as muted meters.

2. For installation a) Seventy percent (70%) of the total or pro rata upon Installation of APMS at designated areas of LESCO (already mentioned in this bidding document) and their successful communication and integration with MDM upon issuance of certificate by concerned Manager (Op).

The number of muted APMS/meters should not exceed more than 2%. Any error in data or missing data of meters shall also be treated as muted meters. b) Ten (10%) of the total or Pro rata EXW (APMS, Cable, etc.) upon successful site inspection. c) Twenty (20) %of the total or pro rata upon issuance of Tier-2 Certificate. For this payment, the number of muted meters should not exceed more than 2%. Any error in data or missing data of meters shall also be treated as muted meters.

All the payments due under this Purchase Order will be made through direct / cash payment or confirmed & irrevocable Letter of Credit for Contract Price i.e. Rs. to be established by Chief Financial Officer LESCO according to their share allocation through any Scheduled Bank of Pakistan in your's favour.

The amount of material excluding Sales Tax i.e. Rs. in the Letter of Credit shall be available for negotiation and encashment on the production of documents mentioned as under:-

a. Bill in triplicate for 100% claim, duly vetted by Contract Manager (Office of PIU LESCO), approved by the Chief Engineer Material Management LESCO and pre-audited by office of Finance Director LESCO. b. Delivery Challan and GRN duly stamped and signed by the consignee. c. Warranty Certificate. d. Confirmation of Chief Engineer (MM) LESCO about acceptance of Performance Bond in case of the first claim only

e. Inspection Certificate (Material & Site) and Completion Certificate issued by the LESCO or his authorized representative. f. 1/5th of GST amount will be deducted at the time of making payment as per FBR rules. g. Professional Tax Paid Certificate by the firm h. The manufacturer in its invoices shall also give an undertaking that in case of omission of any deduct-able amount, LESCO's claim at any later stage (through / pre-audit or post audit) shall be acceptable to you.

i. While raising invoice for the material supplied, the firm shall vividly mention the account number as well as the name of the bank and branch enabling Finance Director office to release payment thereof accordingly.

j. As per directions of FBR dated. 3.9.2015 conveyed vide C.E (Operation) PEPCO vide letter No. 1918-28 dated. 17.09.2015, the payment to the registered persons may be linked with the active taxpayer status of the suppliers as per FBR database. If any registered supplier is not in ATL his payment should be stopped till he files his mandatory returns and appears on ATL of FBR.

The amount of Sales Tax i.e. Rs. in the Letter of Credit shall be available for negotiation and en-cashable on production of following documents "DULY PRE-AUDITED" by the office of Director Finance of concerned DISCOs but Finance Directorate will take maximum 7-days for pre-audit:- Sales Tax Return-cum-Payment challan for the month of delivery of material. Copy of GRN duly stamped and signed by respective consignees.

Sales Tax invoice as per GRN above (Item-ii) In case the manufacturers who pay lump sum Sales Tax, they shall also submit an affidavit on on-judicial paper that “the Challan includes the amount of Rs. of Sales Tax for supply of the quantity of Material to LESCO against P.O. No. dated . \_\_\_\_\_

**PARTIAL DELIVERIES AND PART PAYMENT ARE ALLOWED.**

**NOTE:-** All charges relating to L/C opening and negotiation shall be borne by the Supplier The supplier/manufacturer shall have to carry out specified type tests & sample tests at manufacturer’s premises as described in above specifications (amended to-date) in the presence of LESCO/ NTDC / PPMC / WAPDA Engineer(s) before mass production

The bidder must have at least one (01) work order/purchase order /education order for the supply and/or installation of an Asset Performance Management System (APMS), executed in accordance with previous APMS specifications for DISCOs or any Government Department, with successful completion and satisfactory field performance.

In this regard, the bidder shall submit complete copies of contract agreements/work orders/purchase orders along with corresponding field performance certificates.

However, bidders who do not have purchase order/educational order/satisfactory performance certificate of prior supply of APMS to DISCOs as per previous APMS specifications shall be required to provide an extended field performance warranty of two (02) years in addition to it's standard warranty period of five (05) years . The bidder must accept this condition and submit an undertaking on non-judicial stamp paper to the procuring agency at the time of contract award.

#### **Number of GC Clause 37**

#### **Following is the guidance for Dispute Resolution**

- i. If any dispute of any kind whatsoever shall arise between the Authority and the Bidder in connection with or arising out of the Contract, including without prejudice to the generality of foregoing, any question regarding its existence, validity, termination and the execution of the Contract – whether during developing phase or after their completion and whether before or after the termination, abandonment or breach of the Contract – the parties shall seek to resolve any such dispute or difference by mutual diligent negotiations in good faith within 14 (fourteen) days following a notice sent by one Party to the other Party in this regard.
- ii. At future of negotiation the dispute shall be resolved through mediation and mediator shall be appointed with the mutual consent of the both parties.
- iii. At the event of failure of mediation to resolve the dispute relating to this contract such dispute shall finally be resolved through binding Arbitration by sole arbitrator in accordance with Arbitration Act 1940. The arbitrator shall be appointed by mutual consent of the both parties. The Arbitration shall take place in Islamabad, Pakistan and proceedings will be conducted in English language.
- iv. The cost of the mediation and arbitration shall be shared by the parties in equal proportion however the both parties shall bear their own costs and lawyer’s fees regarding their own participation in the mediation and arbitration. However, the Arbitrator may make an award of costs upon the conclusion of the arbitration making any party to the dispute liable to pay the costs of another party to the dispute.
- v. Arbitration proceedings as mentioned in the above clause regarding resolution of disputes may be commenced prior to, during or after completion of the contract.

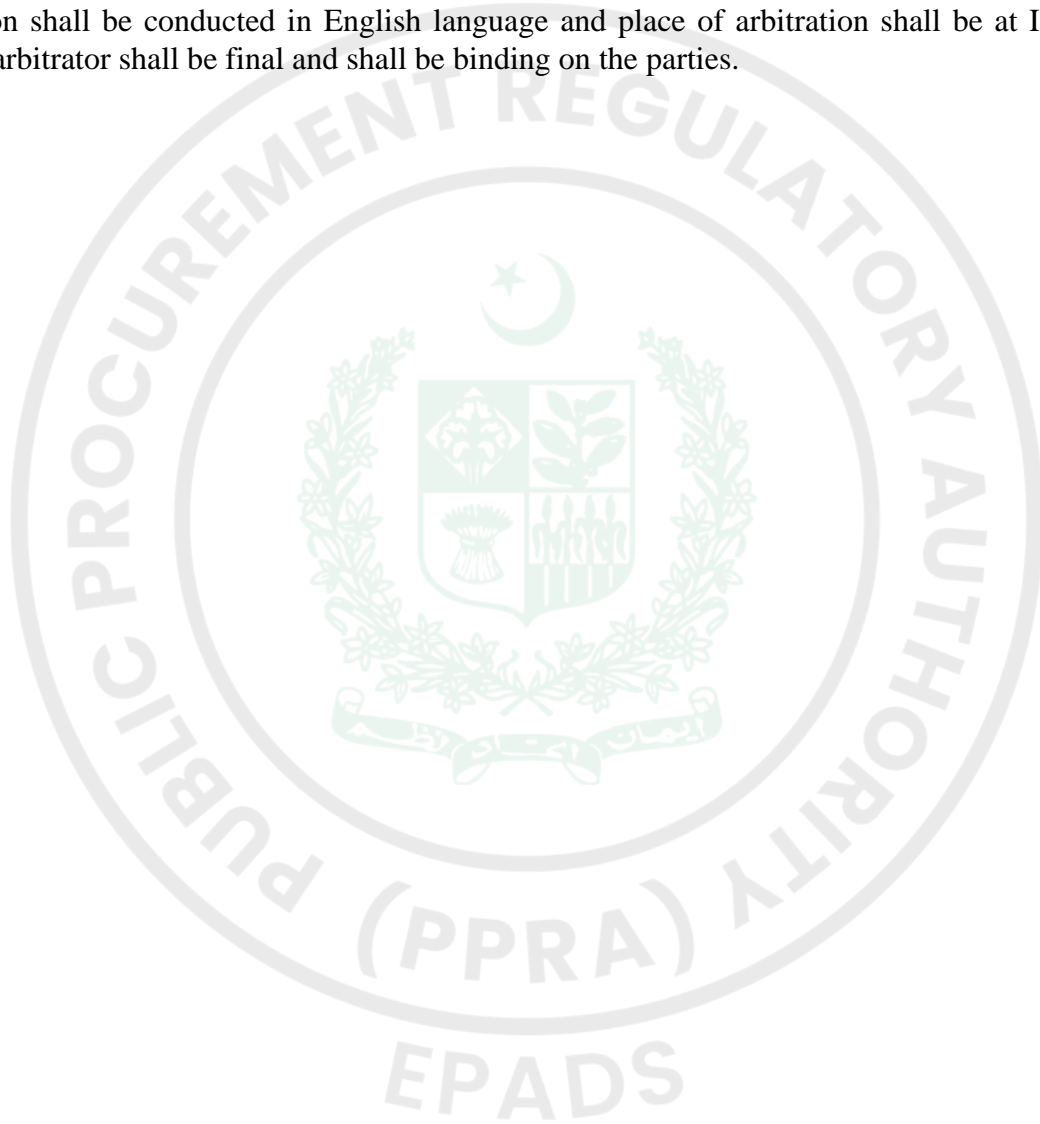
Notwithstanding any reference to the arbitration herein, the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree that the Authority shall pay the Bidder any monies due to the Bidder.

**Rules of procedure for arbitration proceedings:**

Any dispute between the Authority and a Bidder who is a national of the Islamic Republic of Pakistan arising in connection with the present Contract shall be referred to adjudication or arbitration in accordance with the laws of the Islamic Republic of Pakistan including Arbitration Act 1940, however above provision shall prevail in referring the case to the Arbitrator.

**Place of Arbitration and Award:**

The arbitration shall be conducted in English language and place of arbitration shall be at Islamabad. The award of the arbitrator shall be final and shall be binding on the parties.





Bid Securing Declaration

## Form 9: Bid Securing Declaration

Date: *[insert date (as day, month and year)]*

Bid No.: **P51281**

To: **LAHORE ELECTRIC SUPPLY COMPANY (MATERIAL MANAGEMENT), CHIEF ENGINEER Room No 312, 3rd Floor 22-A Queens Road Lahore**

We, the undersigned, declare that:

We understand that, according to your conditions, Bids must be supported by a Bid Securing Declaration.

We accept that we will be blacklisted and henceforth cross debarred for participating in respective category of public procurement proceedings for a period of (not more than) six months, if fail to abide with a bid securing declaration, however without indulging in corrupt and fraudulent practices, if we are in breach of our obligation(s) under the Bid conditions, because we:

1. have withdrawn or modified our Bid during the period of Bid Validity specified in the Form of Bid;
2. Disagreement to arithmetical correction made to the Bid price; or
3. having been notified of the acceptance of our Bid by the Procuring Agency during the period of Bid Validity, (i) failure to sign the contract if required by Procuring Agency to do so or (ii) fail or refuse to furnish the Performance Security or to comply with any other condition precedent to signing the contract specified in the Bidding Documents.

We understand this Bid Securing Declaration shall expire if we are not the successful

Bidder, upon the earlier of (i) our receipt of your notification to us of the name of the successful Bidder; or (ii) twenty-eight (28) days after the expiration of our Bid.



Contract Form

## SECTION IX: CONTRACT FORMS

THIS AGREEMENT made the \_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_ between **LAHORE ELECTRIC SUPPLY COMPANY (MATERIAL MANAGEMENT), CHIEF ENGINEER Room No 312, 3rd Floor 22-A Queens Road Lahore**

(hereinafter called “the Procuring Agency”) of the one part and [name of Bidder] of [city and country of Bidder] (hereinafter called “the Bidder”) of the other part:

WHEREAS the Procuring Agency invited Bids for provision of goods, viz., **TENDER NO 4386 (SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA, 100kVA, 200kVA & 630-kVA DISTRIBUTION TRANSFORMERS ON 10-NOS. HIGH AT&C LOSS FEEDERS (P51281)** and has accepted a Bids by the Bidder for the provision of Goods in the sum of [contract price in words and figures] (hereinafter called “the Contract Price”).

### NOW THIS CONTRACT WITNESSETH AS FOLLOWS:

1. In this Contract words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. The following documents shall be deemed to form and be read and construed as part of this Contract, In the event of any ambiguity or conflict between the Contract Documents listed below, the order of precedence shall be the order in which the Contract Documents are listed below:-

1. This form of Contract;
2. the Form of Bids and the Price Schedule submitted by the Bidder;
3. the Schedule of Requirements;
4. the Technical Specifications;
5. the Special Conditions of Contract;
6. the General Conditions of the Contract;
7. the Procuring Agency’s Letter of Acceptance; and
8. [add here: any other documents]

3. In consideration of the payments to be made by the Procuring Agency to the Bidder as hereinafter mentioned, the Bidder hereby covenants with the Procuring Agency to provide the Goods related services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

4. The Procuring Agency hereby covenants to pay the Bidder in consideration of the provision of Goods and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the contract at the times and in the manner prescribed by the contract.

IN WITNESS whereof the parties hereto have caused this Contract to be executed in accordance with their respective laws the day and year first above written.

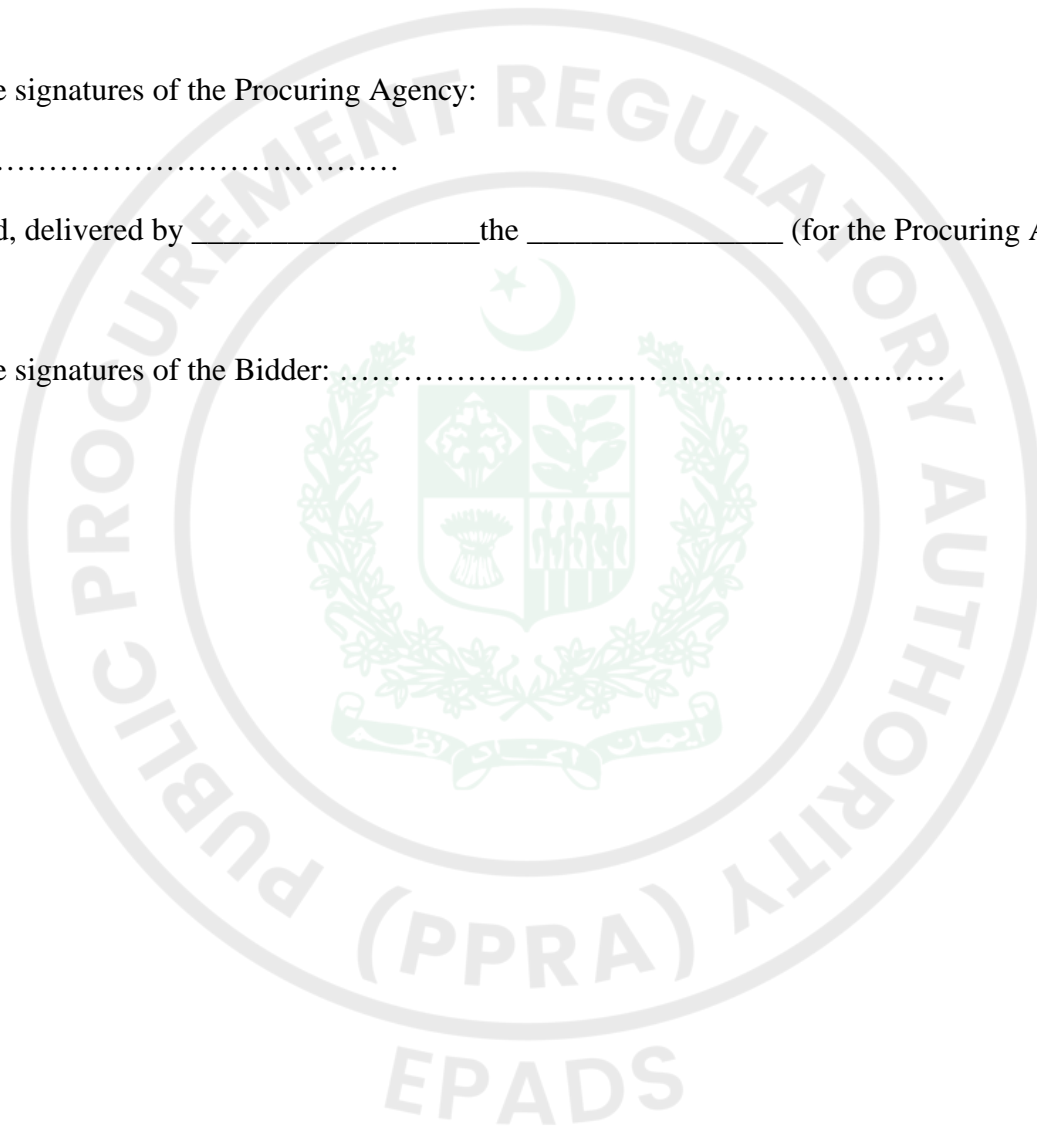
Signed, sealed, delivered by \_\_\_\_\_ the \_\_\_\_\_ (for the Procuring Agency)

Witness to the signatures of the Procuring Agency:

.....

Signed, sealed, delivered by \_\_\_\_\_ the \_\_\_\_\_ (for the Procuring Agency)

Witness to the signatures of the Bidder: .....





Integrity Pact

## Integrity Pact

### **DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC. PAYABLE BY THE SUPPLIERS OF GOODS, SERVICES & WORKS IN CONTRACTS WORTH RS.10.00 MILLION OR MORE**

**Contract**

Number: Contract

Value: Contract Title:

Dated:

[Name of Supplier] hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Pakistan or any administrative subdivision or agency thereof or any other entity owned or controlled by it (GoP) through any corrupt business practice.

Without limiting the generality of the foregoing [Name of Supplier] represents and warrants that it has fully declared the brokerage, commission, fee etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultations fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoP, except that which has been expressly declared pursuant hereto.

[Name of Supplier] certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with GoP and has not taken any action or will not take any action to circumvent the above declaration, representative or warranty.

[Name of Supplier] accepts full responsibility and strict liability for making and false declaration, not making full disclosure, misrepresenting fact or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other right and remedies available to GoP under any law, contract or other instrument, be voidable at the option of GoP.

Notwithstanding any rights and remedies exercised by GoP in this regard, [Name of Supplier] agrees to indemnify GoP for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to GoP in an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by [Name of Supplier] as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoP.



## Performance Guarantee Form

## Performance Guarantee Form

To: **LAHORE ELECTRIC SUPPLY COMPANY (MATERIAL MANAGEMENT), CHIEF ENGINEER Room No 312, 3rd Floor 22-A Queens Road Lahore**

WHEREAS *[name of Bidder]* (hereinafter called “the Bidder”) has undertaken, in pursuance of Contract No. *[reference number of the contract]* dated *[insert date]* for provision of Goods(hereinafter called “the Contract”).

AND WHEREAS it has been stipulated by you in the said Contract that the Bidder shall furnish you with a Bank Guarantee by a reputable bank for the sum specified therein as security for compliance with the Bidder’s performance obligations in accordance with the Contract.

AND WHEREAS we have agreed to give the Bidders guarantee:

THEREFORE, WE hereby affirm that we are Guarantors and responsible to you, on behalf of the Bidder, up to a total of *[amount of the guarantee in words and figures]*, and we undertake to pay you, upon your first written demand declaring the Bidder to be in default under the Contract and without cavil or argument, any sum or sums within the limits of *[amount of guarantee]* as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until the: *[insert date]*

Signature and seal of the Guarantors

---

*[name of bank or financial institution]*

---

[address]

---

[date]





Annexure

## FORM OF BID

Bidders is required to read, sign and stamped and fill where required the information written in this form and ensure compliance as per requirements of Procuring Agency otherwise bidder may be Reject/Disqualified/Ineligible

Technical Submission (Vendor)

Document Required

See Form Under Additional Forms and Documents: **FORM OF BID** (page number: 137)

## FORM 2 DELIVERY COMPLETION

Bidders is required to read, sign and stamped and fill where required the information written in this form and ensure compliance as per requirements of Procuring Agency otherwise bidder may be Reject/Disqualified/Ineligible

Technical Submission (Vendor)

Document Required

See Form Under Additional Forms and Documents: **FORM 2 DELIVERY COMPLETION** (page number: 138)

## FORM BID SECURITY

Bidders is required to read, sign and stamped and fill where required the information written in this form and ensure compliance as per requirements of Procuring Agency otherwise bidder may be Reject/Disqualified/Ineligible

Technical Submission (Vendor)

Document Required

See Form Under Additional Forms and Documents: **FORM BID SECURITY** (page number: 139)

## FORM 4

Bidders is required to read, sign and stamped and fill where required the information written in this form and ensure compliance as per requirements of Procuring Agency otherwise bidder may be Reject/Disqualified/Ineligible

Technical Submission (Vendor)

## Document Required

See Form Under Additional Forms and Documents: **FORM 4** (page number: 140)

## FORM 5

Bidders is required to read, sign and stamped and fill where required the information written in this form and ensure compliance as per requirements of Procuring Agency otherwise bidder may be Reject/Disqualified/Ineligible

Technical Submission (Vendor)

## Document Required

See Form Under Additional Forms and Documents: **FORM 5** (page number: 141)

## FORM 6

Bidders is required to read, sign and stamped and fill where required the information written in this form and ensure compliance as per requirements of Procuring Agency otherwise bidder may be Reject/Disqualified/Ineligible

Technical Submission (Vendor)

## Document Required

See Form Under Additional Forms and Documents: **FORM 6** (page number: 142)

## FORM 7

Bidders is required to read, sign and stamped and fill where required the information written in this form and ensure compliance as per requirements of Procuring Agency otherwise bidder may be Reject/Disqualified/Ineligible

Technical Submission (Vendor)

## Document Required

See Form Under Additional Forms and Documents: **FORM 7** (page number: 143)

## FORM 8

Bidders is required to read, sign and stamped and fill where required the information written in this form and ensure compliance as per requirements of Procuring Agency otherwise bidder may be Reject/Disqualified/Ineligible

Technical Submission (Vendor)

Document Required

See Form Under Additional Forms and Documents: **FORM 8** (page number: 144)

## FORM 9

Bidders is required to read, sign and stamped and fill where required the information written in this form and ensure compliance as per requirements of Procuring Agency otherwise bidder may be Reject/Disqualified/Ineligible

Technical Submission (Vendor)

Document Required

See Form Under Additional Forms and Documents: **FORM 9** (page number: 146)

## FORM 10

Bidders is required to read, sign and stamped and fill where required the information written in this form and ensure compliance as per requirements of Procuring Agency otherwise bidder may be Reject/Disqualified/Ineligible

Technical Submission (Vendor)

Document Required

See Form Under Additional Forms and Documents: **FORM 10** (page number: 147)

## FORM 11

Bidders is required to read, sign and stamped and fill where required the information written in this form and ensure compliance as per requirements of Procuring Agency otherwise bidder may be Reject/Disqualified/Ineligible

Technical Submission (Vendor)

Document Required

See Form Under Additional Forms and Documents: **FORM 11** (page number: 148)

## FORM 12

Technical Submission (Vendor)

Document Required

See Form Under Additional Forms and Documents: **FORM 12** (page number: 149)

## FORM 13

Bidders is required to read, sign and stamped and fill where required the information written in this form and ensure compliance as per requirements of Procuring Agency otherwise bidder may be Reject/Disqualified/Ineligible

Technical Submission (Vendor)

Document Required

See Form Under Additional Forms and Documents: **FORM 13** (page number: 156)

## FORM 14

Bidders is required to read, sign and stamped and fill where required the information written in this form and ensure compliance as per requirements of Procuring Agency otherwise bidder may be Reject/Disqualified/Ineligible

Technical Submission (Vendor)

Document Required

See Form Under Additional Forms and Documents: **FORM 14** (page number: 157)

## FORM 15

Bidders is required to read, sign and stamped and fill where required the information written in this form and ensure compliance as per requirements of Procuring Agency otherwise bidder may be Reject/Disqualified/Ineligible

Technical Submission (Vendor)

Document Required





## Procurement Forms

## Past Experience and Completed Contracts

It is mandatory for all bidders to demonstrate relevant experience.

The bidder must be a registered/pre-qualified manufacturer under any of categories M-1, M-2, M-5, and M-25 (at least in one category) with LESCO/DISCOs/NTDC/WAPDA, possessing a minimum of two (02) years of manufacturing experience in the relevant category. Documentary evidence, two (02) No's of POs alongwith related GRNs must be uploaded.

See Form Under Additional Forms and Documents: **Past Experience and Completed Contracts** (page number: 167)







## Additional Forms and Documents

## Form 1: Form of Bid

(Bidders is required to fill, sign, stamp and upload this form in vendor response otherwise bidder may be disqualified.)

Date:

To: Gentlemen and/or Ladies:

Having examined the Bidding Documents including Addenda Nos: \_\_\_\_\_ [insert numbers], the receipt of which is hereby duly acknowledged, we, the undersigned, offer to deliver \_\_\_\_\_ [description of goods and services], price valid for \_\_\_\_\_ [insert bid validity days] in conformity with the said Bidding Documents for the sum of \_\_\_\_\_ [total Bid Amount in words and figures] or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this Bid.

We declare that our Bidding price did not involve agreements with other Bidders for the purpose of Bid suppression.

We are hereby confirming [insert the name of the Appointing Authority], to be the Appointing Authority, to appoint the adjudicator in case of any arisen disputes in accordance with **ITB Clause**.

We undertake, if our Bid is accepted, to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements.

If our Bid is accepted, we undertake to provide a Performance Security (or Guarantee) in the form, in the amounts, and within the times specified in the Bidding Documents.

We declare that, as Bidder(s) we do not have conflict of interest with reference to **ITB**.

We agree to abide by this Bid for the Bid Validity Period specified in **BDS**, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

We are not participating, as Bidders, in more than one Bid in this Bidding process, other than alternative offers in accordance with the Bidding Documents.

Our firm, its affiliates or subsidiaries - including any subcontractors or suppliers for any part of the contract - has not been declared ineligible by the Government of Pakistan under Pakistan's laws or official regulations. Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof and your notification of award, shall constitute a binding Contract between us.

We understand that you are not bound to accept the lowest or any Bid you may receive.

We certify/confirm that we comply with the eligibility requirements as per **ITB Clause 3** of the Bidding Documents.

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_\_.

(Name) \_\_\_\_\_ [signature]

[in the capacity of]

Duly authorized to sign Bid for and on behalf of \_\_\_\_\_

## Form 2 : Delivery/Completion Schedule

(Bidders is required to fill, sign, stamp and upload this form in vendor response otherwise bidder may be disqualified.)

Tender No.	Type	Description of Material	Specification (Amended to date)	Required delivery period (Days)
4386	NCB	SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA, 100kVA, 200kVA & 630-kVA DISTRIBUTION TRANSFORMERS ON 10-NOS. HIGH AT&C LOSS FEEDERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION)	As mentioned in Items/Lot Specification and in Annexure Section Form-12	As detailed below

### Delivery and Completion Schedule :

The supply, installation, testing and commissioning (complete end to end solution with all allied material) shall be completed as per below timeline:

Sr.No.	Lot No.	Unit	Delivery within 30 days	Delivery within next 30 days
1	1	Nos.	25	57
2	2	Nos.	25	53
3	3	Nos.	25	54
4	4	Nos.	25	71

**The time taken for obtaining prototype approval will not affect the legitimate delivery schedule of the Purchase Order/Contract Agreement.**

Further read Annexure Section relevant Form/Special Conditions for detailed instructions on mechanism for delivery / inspection/commissioning/feeders list.

### Note:

**Completion Certificate will be issued by the Contract Manager after successful completion of site/project.**

Name ..... in the capacity of .....

Signature of Bidder:

Duly authorized to sign the Bid for and on behalf of ..... Dated on ..... day of .....20 .....

### Form 3 Bid Security Form

(Bidders is required to fill, sign, stamp and upload this form in vendor response otherwise bidder may be disqualified.)

**To: Chief Executive Officer (CEO)  
LESCO, Lahore.**

Whereas \_\_\_\_\_ [name of the Bidder] (hereinafter called "the Bidder") has submitted its Bid dated [date of submission of Bid] for the delivery of [name and/or description of the goods] (hereinafter called "the Bid").

KNOW ALL PEOPLE by these presents that WE \_\_\_\_\_ [name of Financial Institution] of \_\_\_\_\_ [name of country], having our registered office at \_\_\_\_\_ [address of Financial Institution] (hereinafter called "the Bank"), are bound unto Chief Engineer (MM) LESCO (hereinafter called "the Procuring Agency") in the sum of \_\_\_\_\_ [amount] for which payment well and truly to be made to the said Procuring Agency, the Bank binds it-self, its successors, and assigns by these presents.

Sealed with the Common Seal of the said Bank this \_\_\_\_\_ day of 20\_\_\_\_\_ .

THE CONDITIONS of this obligation are:

1. If the Bid
  - (a) have withdrawn or modified our Bid during the period of Bid Validity specified in the Form of Bid;
  - (b) Disagreement to arithmetical correction made to the Bid price; or
  - (c) having been notified of the acceptance of our Bid by the Procuring Agency during the period of Bid Validity, (i) failure to sign the contract if required by Procuring Agency to do so or (ii) fail or refuse to furnish the Performance Security or to comply with any other condition precedent to signing the contract specified in the Bidding Documents.
2. We undertake to pay to the Procuring Agency up to the above amount upon receipt of its first written demand, without the Procuring Agency having to substantiate its demand, provided that in its demand the Procuring Agency states the amount claimed by it is due to it, owing to the occurrence of one or both of the conditions, specifying the occurred condition or conditions.

This guarantee shall remain in force up to and including **Twenty Eight (28)** days after the period of Bid Validity, and any demand in respect thereof should reach the Bank not later than the above date.

Name:..... in the capacity of ..... signed

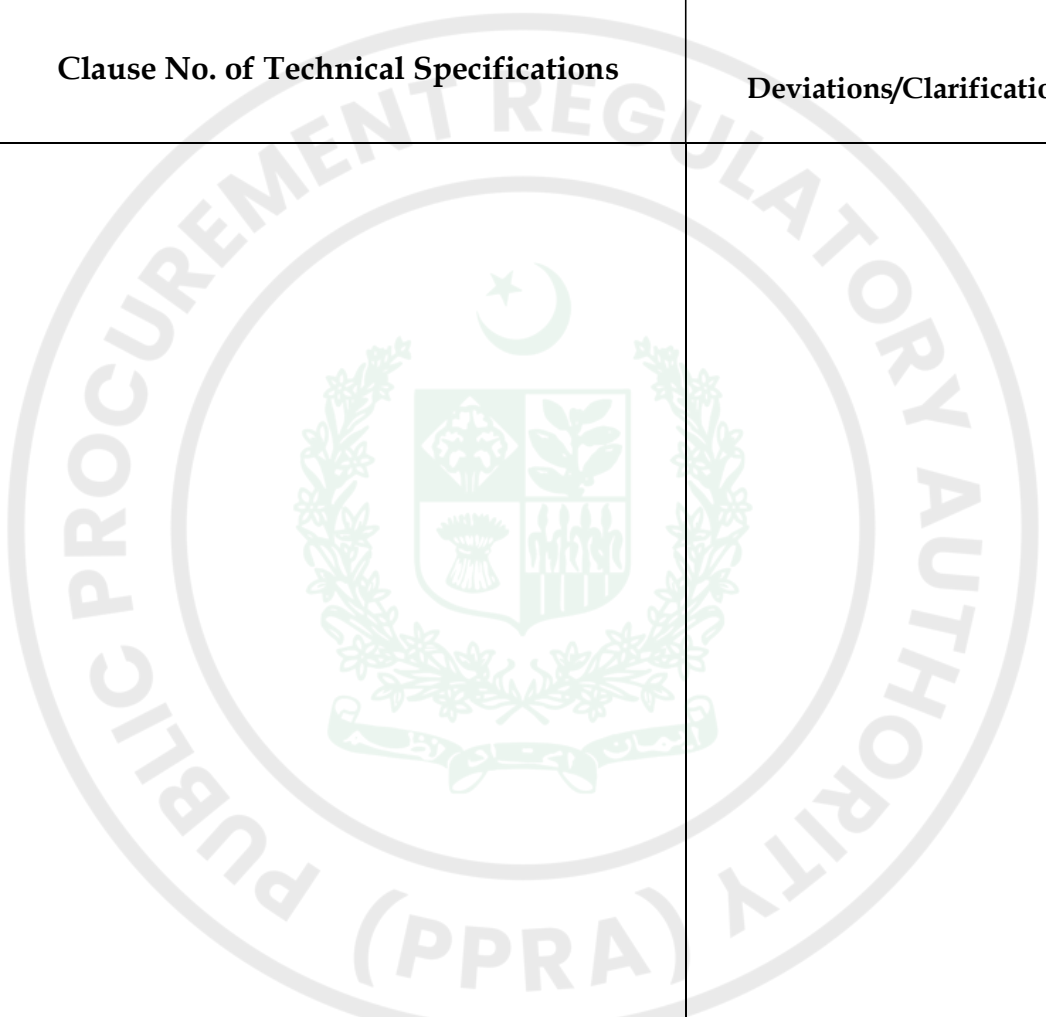
*[Signature of the Bank]*

Dated on ..... day of ..... 20 .....

### Form 4: Schedule of Deviations from Technical Specifications

(Bidders is required to fill, sign, stamp and upload this form in vendor response otherwise bidder may be disqualified.)

**Note:- Attach additional sheets, if necessary, Non-listing of deviations, if any, shall make the bid non-responsive.**

Sr. No.	Clause No. of Technical Specifications	Deviations/Clarifications
		

\_\_\_\_\_  
Stamp with Signature

### Form 5 Schedule of Deviations from Contractual Conditions

(Bidders is required to fill, sign, stamp and upload this form in vendor response otherwise bidder may be disqualified.)

It is presumed that the tenderer shall not take any deviation. However, if he intends to take deviations to the specified Contractual/Commercial Conditions, those must be listed in the space provided below:-

Note:- Attach additional sheets, if necessary, Non-listing of deviations, if any, shall make the bid non-responsive.

Sr. No.	Clause No./Section No.	Deviations/Clarifications

\_\_\_\_\_  
Stamp with Signature

## Form 6 Current Litigation Information

(Bidders is required to fill, sign, stamp and upload this form in vendor response otherwise bidder may be disqualified.)

Each Bidder must fill in this form

It is certified that M/s. \_\_\_\_\_ is not involved in the litigation in any court of law against Lahore Electric Supply Company (LESCO) and other DISCOs / any formation of WAPDA till date.

\_\_\_\_\_  
Stamp with Signature

**OR**

If the firm (M/s. \_\_\_\_\_) is involved in any litigation against above organizations then provide one page brief alongwith following information on the prescribed proforma.

Name of DISCO/ Formation	P.O/ W.O	Dated	Item	Amount Involved (Rs.)		Reason for Litigation	Current Status with Attested Copies of the evidences (Under Process / Resolved / Stay Order / Arbitrations)
				Pending or Threatened	Resolved		

Net worth of the Firm ending latest fiscal year = \_\_\_\_\_

(Alongwith proof / documentary evidences of required net worth). Audit financial statement / FBR statement must be attached, otherwise bid may be disqualified.

%age of pending or threatened litigation with respect to Net worth \_\_\_\_\_

In case of any information found incorrect from the above, LESCO reserve the right to cancel our tender or prequalification and registration without assigning any reason what so ever and all consequences at our cost.

\_\_\_\_\_  
Stamp with Signature

## Form 7 PROFORMA SHOWING PERFORMANCE OF THE FIRM AS PER Past Experience and Completed Contracts (Procurement Form)

(Bidders is required to fill, sign, stamp and upload this form in vendor response otherwise bidder may be disqualified.)

Name of Firm: \_\_\_\_\_

Name of DISCO	PO No. & Date	Description of Material	Qty. on Order	Delivery Schedule	Qty. Supplied to date	Date of Supply	Qty. Balance	Material Supplied		Remarks
								In time	Delay	

**It is also certified that:-**

- i) Our firm is not in litigation with any formation of WAPDA / DISCOs.
- ii) In case of any information found incorrect from the above, LESCO reserve the right to cancel our tender or prequalification and registration without assigning any reason what so ever and all consequences at our cost.
- iii) POs along with relevant GRNs are attached along with the procurement FORM.

\_\_\_\_\_  
**Stamp with Signature**

## Form 8 Beneficial Ownership Declaration Performa (For Contract Value more than 50 Million) - Annex-I of PPRA SRO 592

Declaration of Ultimate Beneficial Owners Information for Public Procurement Contacts.

(Bidders is required to fill, sign, stamp and upload this form for Contract value more than 50 Million in vendor response otherwise bidder may be disqualified.)

1. Name: \_\_\_\_\_
2. Father's Name / Spouse's Name \_\_\_\_\_
3. CNIC/NICOP/Passport No. \_\_\_\_\_
4. Nationality \_\_\_\_\_
5. Residential Address \_\_\_\_\_
6. Email Address \_\_\_\_\_
7. Date on which shareholding, control or interest acquired in the business. \_\_\_\_\_

8. In case of indirect shareholding, control or interest being exercised through intermediary companies, entries or other legal persons or legal arrangements in the chain of ownership or control, following additional particulars to be provided.

1	2	3	4	5	6	7	8	9	10
Name	Legal form (company/Limited Liability Partnership/ Association of Persons/Single Member Company/Partnership Firm/Trust/Any other individual, body corporate (to be specified	Date of Incorporation/registration	Name of Registering Authority	Business Address	Country	Email Address	Percentage of shareholding, control or interest of BO in the legal person or legal arrangement	Percentage of shareholding, control or interest of legal person or legal arrangement in the Company	Identify of natural person who ultimate owns or control the legal person or arrangement

9. Information about Board of Directors (details shall be provided regarding number of shares in the capital of the company as set opposite respective names)

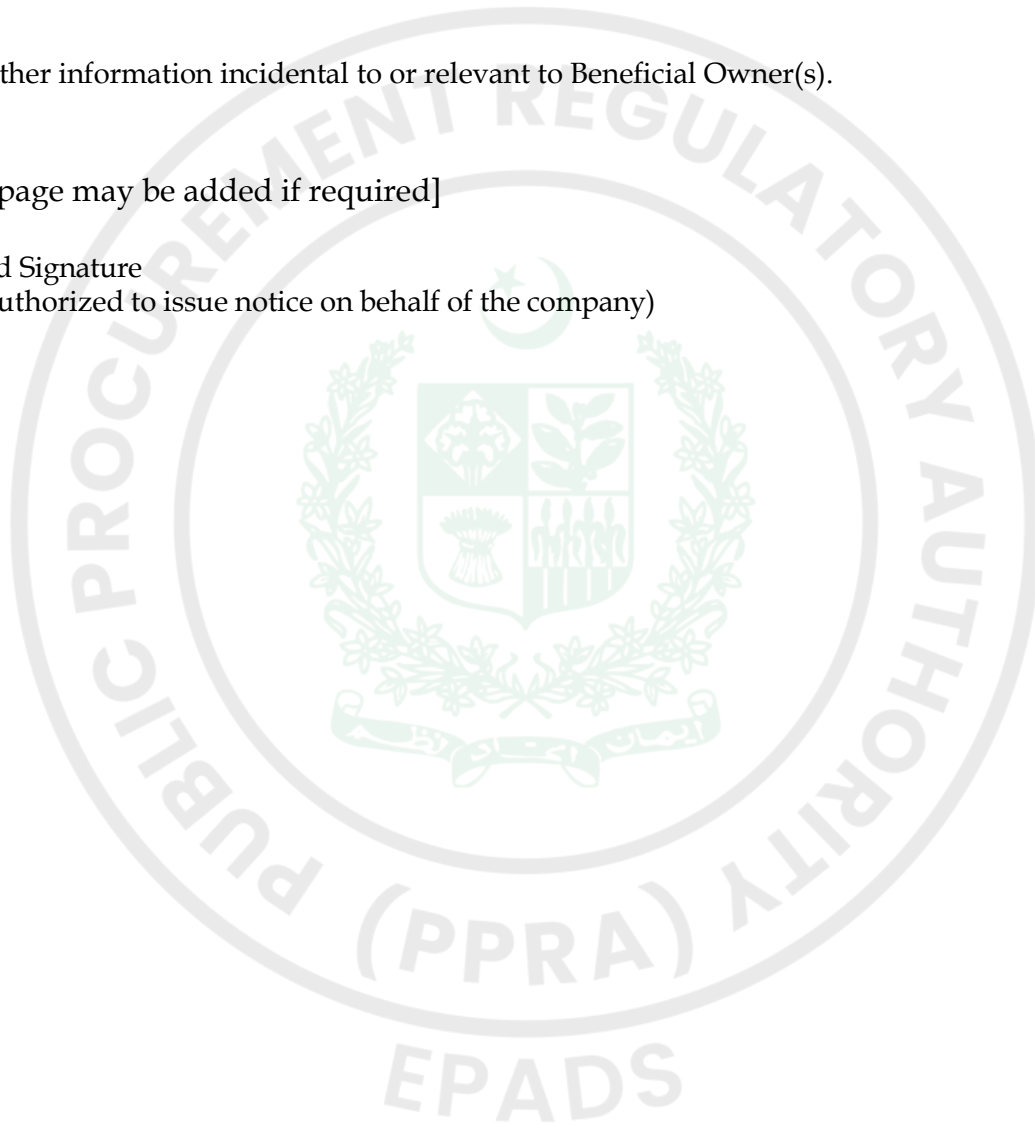
1	2	3	4	5	6	7	8
Name and surname (In Block Letters)	CNIC No. (in case of foreigner, Passport No.)	Father's / Husband's name in full	Current Nationality	Any other Nationality (ies)	Occupation	Residential Address in full or the registered/principal office address for a subscribers other than natural person	Number of shares taken by cash subscriber (in figure and words)

Total number of shares taken (in figures and words)

10. Any other information incidental to or relevant to Beneficial Owner(s).

[Additional page may be added if required]

Name and Signature  
(Person authorized to issue notice on behalf of the company)



## Form 9 Conditions for Performance Security

(Bidders is required to read the information written in this form and ensure submission of performance security as per requirements of Procuring Agency)

- The Performance Bond equal to 5% of the value of the contract including GST from the following Scheduled Bank of Pakistan only:

**Allied Bank Limited, National Bank of Pakistan, Bank Al- Habib, United Bank Limited, Muslim Commercial Bank, Habib Bank Limited, Askari Bank Limited, Bank Al- Falah Limited, The Bank of Punjab, Faysal Bank Limited, Meezan Bank Limited, Zarai Trakiati Bank Limited, Habib Metropolitan Bank Limited, Samba Bank Limited, Standard Chartered Bank Limited, Dubai Islamic Bank Pakistan Limited and JS Bank Limited** or from a foreign bank duly counter guaranteed by above Scheduled Bank in Pakistan are acceptable operating in Pakistan duly registered with SBP.

Performance Guarantee in the shape of Shape of Call Deposit Receipt, CDR Demand Draft or Pay Order or Banker's Cheque are acceptable from any Scheduled Bank in Pakistan in favour of the Purchaser/CEO LESCO will be furnished by the successful bidder within **07-days** from the date of issuance of Letter of Intent (LOI). In case of further delay due to late submission of performance guarantee / bond, Purchase Order will be issued after deducting the delayed period from the legitimate delivery schedule mentioned in the LOI or bidding documents. Bank Guarantee shall be furnished on non-judicial stamp paper of value as prescribed by the Government. The Performance security must be furnished along with acceptance of Letter of Intent in writing before the formal issuance of the Purchase Order.

- The performance security shall be valid up to **60-months** after completion of FCS and shall be prepared on Performa appended in "Standard Forms".
- *In case of non-submission of Performance Security within 07-days from the notification of Contract award / Notification of Award, the bid security shall be forfeited.*
- Performance bond shall be furnished on non-judicial stamp paper of value Rs.500/-.

\_\_\_\_\_  
Stamp with Signature

## Form 10 : Conditions for Bid Security

(Bidders is required to read the information written in this form and ensure submission of bid security as per requirements of Procuring Agency otherwise bidder may be disqualified.)

The bid security shall be, at the option of the bidder, in the form of Call Deposit Receipt or Pay Order or Banker's Cheque or a Bank Guarantee must be issued in the favor of **CEO LESCO**. Following Schedule Bank of Pakistan are acceptable (For Bid Security)

Allied Bank Limited, National Bank of Pakistan, Bank Al- Habib, United Bank Limited, Muslim Commercial Bank, Habib Bank Limited, Askari Bank Limited, Bank Al- Falah Limited, The Bank of Punjab, Faysal Bank Limited, Meezan Bank Limited, Zarai Trakiati Bank Limited, Habib Metropolitan Bank Limited, Samba Bank Limited, Standard Chartered Bank Limited, Dubai Islamic Bank Pakistan Limited and JS Bank Limited

Bid Security shall be in favour of the **CEO LESCO** valid for a period of 28-days beyond the Bid Validity date. Bid guarantee shall be furnished on non-judicial stamp paper of value Rs.500/-. In case of any amendment in Bid Security, the bidder should also furnish the same on non-judicial stamp paper of value Rs. 500/-.

\_\_\_\_\_  
Stamp with Signature

## Form 11 Bid May Liab to Reject Disqualified Ineligible

(Bidders is required to read the information written in this form and ensure compliance as per requirements of Procuring Agency otherwise bidder may be Reject/Disqualified/Ineligible)

### Bid may be liable to reject/disqualified/Ineligible:-

Bids may liable to be rejected and declared as rejected/non-responsive/disqualified/Ineligible forthwith if:

1. **Firm does not meet Eligibility and Qualification Criteria** as per BDS Clause 3.
2. **Material is not as per required scope of work and specifications.**
3. **All securities requirements are not as per bidding documents** i.e., Bid Security as per bid security conditions mentioned in bidding document and ITB Clause 18.
4. Bid security/guarantee in original as per bid security conditions and relevant Form of bidding documents Not accompanied with a bid guarantee or with insufficient/less/short validity or un-acceptable tender/bid guarantee or on format other than provided in the bidding document or or not comply with ITB 18.1, 18.3 to 18.9 or amendment in bid guarantee or submitted bid guarantee is from Banks other than mentioned in bidding document.
5. **Firm is not as per Tax requirements** i.e., the bidder should have registered with Income Tax & Sales Tax Department and be listed on **Active Taxpayer List (ATL)**.
6. **Terms and conditions of bidding documents (undertaking on company letter head that all terms and conditions and clauses of bidding document are acceptable to bidder is not attached.)**
7. In the event that the total amount of pending or threatened litigations, arbitration and other claims represents Fifty percent (50%) of the Bidder's net worth.
8. Financial statements and documents to ascertain the financial health of bidder not attached (In case of Litigation only)
9. The bid covers only a part/portion of the required equipment /lot instead of complete quantity.
10. Alternate proposal is submitted with the bid.
11. The bid is illegible in any material, part or contains alteration, additions, deletions, erasers other irregularities.
12. Tender is in some way connected with bids submitted under names different from his own.
13. Any false statement made in the bid or conditional bid is submitted.
14. The firm will be declared non-responsive if the firms /bidders /suppliers/contractors are blacklisted by PPRA as per Rule 19.
15. Bidder or the Quoted Firm didn't fulfill the Past Performance and Completed Contract Experience conditions.
16. Any documents required as per **List of documents required along with the bid** not attached with the bid.
17. Any documents/Forms required as per Annexure Sections of tender document completely filled, signed and stamped not attached with the bid.
18. Complete tender documents not signed and stamped (in original) by the bidder.

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**Stamp with Signature**

## Form 12 : FORM FOR COMPLIANCE OF SPECIFICATIONS/ TECHNICAL PROVISIONS

(Bidders is required to read, sign and stamped the information written in this form and ensure compliance as per requirements of Procuring Agency otherwise bidder may be Reject/Disqualified/Ineligible)

- i) The APMS shall be supplied strictly according to PPMS-DS-01:2026 (amended-to-date) and ordering code **APMS-MC-OTL 025, APMS-MC-OTL -050, APMS-MC-OTL 100, APMS\_MC-OTL 200 & APMS-MC-OTL 630**. The all other allied material required for installation of APMS is required to be provided from DISCOs/ WAPDA/GENCOs approved suppliers / manufactures as per relevant Specifications duly inspected by Chief Engineer, MI, PPMC / Chief Engineer (TS) Design LESCO..
- ii) If the Bidder does not possess the valid prototype approval for the offered material as per PPMS-DS-01:2026 (amended-to-date) and ordering code **APMS-MC-OTL 025, APMS-MC-OTL -050, APMS-MC-OTL 100, APMS\_MC-OTL 200 & APMS-MC-OTL 630**(if applicable under PPMC approved specification), the Bidder shall have to obtain the prototype approval from the office of Chief (Technical Services) PPMC , Lahore before start of mass production. Drawing and prototype samples for prototype testing as desired by the PPMC shall be submitted within 7-days from the date of signing of LOI to Chief (Technical Services)PPMC Lahore.
- iii) However, bidders who do not have purchase order/educational order/satisfactory performance certificate of prior supply of APMS to DISCOs as per previous APMS specifications shall be required to provide an extended field performance warranty of two (02) years in addition to it's standard warranty period of five (05) years . The bidder must accept this condition and submit an undertaking on non-judicial stamp paper to the procuring agency at the time of contract award.
- iv) Delay in offering the prototype will be considered as breach of contract agreement and liquidated charges @ 0.0667% percent for each and every day, delay in submission of prototype sample shall be recoverable from the contractor. These liquidated charges are in addition to the liquidated damages stated in preamble to conditions of contract clause 27.1. All expenses of testing charges will have to be borne by the manufacturer/supplier. Any change suggested during prototype testing for compliance of specification shall have to be incorporated without any extra price or claim. The Chief Technical Services PPMC will approve the prototype sample within 15-days after its submission. **The time taken for obtaining prototype approval will not affect the legitimate delivery schedule of the Purchase Order.**
- v) In case of failure of 1st prototype Sample, the material shall be improved and second samples must be re-offered for prototype testing to Chief (Technical Services)PPMC by the Bidder, within 7-days and get prototype approval within 15-days after its submission. The time taken for improvement in samples and resubmission of drawings will not entitle the manufacturer to claim extension in delivery period on this account. If the Prototype fails second time, firm will be considered Non-Responsive and performance security will be fortified / encashed and the Contract Agreement shall stand cancelled. LESCO reserves the right to place Letter of Acceptance on the second lowest & substantially responsive bidder. Any further delay shall be on account of the Supplier / manufacturer and LESCO reserves the right to deduct the Liquidated Damages according to the relevant clause of the Purchase Order.

**Note:-**

- a. Only one FCS rate should be quoted for supply of Stores at Regional Store Shalamar, Lahore,, Walgon Sohail & Pattoki covering LESCO's entire jurisdiction.
- b. The quoted FCS price in Pak Rupees shall be firm and final and not subject to escalation for any reason what-so-ever. The Tenderer shall be entirely responsible for all duties and Taxes and other such levies on finished goods/ components and raw material of the Contracted goods until delivery to the consignee(s). The Sales Tax be quoted separately.
- c. In case of any specific occurrence the shares will be distributed / allocated on the basis of previous performance in supplies against DISCOs Purchase Orders, manufacturing capacity / capability etc.
- d. Conditional Bids / Rates will not be entertained / accepted.
- e. Bid submission / Tender opening date & timings shall be observed strictly.
- f. You have to submit the requisite Certificate dully filled in, regarding the Declaration of Fees, Commission & Brokerage etc. paid by you about Goods, Services & Works.
- g. Cartel / pool rates are strictly prohibited. The firms found involved in collusive practice shall be dealt under PPRA Rules / PPMC instructions.
- h. In case of holiday announced by the Govt. of Pakistan, strike in LESCO or any other reasons what so ever due to which this office remains closed on the above scheduled tender opening date, the tender will be opened on next working day at same time and place / venue.
- i. The bidder's Beneficiary Declaration certificate mentioning the names of beneficiary accounts as per PPRA SRO 592 and in case, such owners / Beneficiary have other firms with different names registered as General Order Suppliers with DISCO/ NTDC/WAPDA who are consistently non-performing (non-delivery of material, non-submission of performance Guarantees, Bid Guarantees, Advance Payments, non-execution of contract agreements etc.) then the bidder's having same beneficiary / owners firm's shall be declared as non-responsive. Copy of form of Beneficiary Declaration certificate is attached.
- j. The word PEPCO shall be read and considered as "PPMC"

**6. PACKING & MARKING**

- 6.1 The material shall be properly packed according to international standard with marking clearly indicating Contract agreement No., description of material, lot wise, ultimate consignee LESCO/WAPDA Lahore Pakistan.

**7. TECHNICAL SPECIFICATION**

- 7.1 The offered material shall conform to PPMS-DS-01:2026 (amended-to-date) and ordering code APMS-MC-OTL\*\*\*. along with following WAPDA/NTDC's instructions and IEC standards (all amended to date).

• DDS-50: 2007 (amended to date)	3-Phase Multi-rate (TOD/TOU) Sold state LT/HT Static Energy Meter
• DDS-98:2011 (amended to date)	Specification for AMI
• DDS-110:2012 (amended to date)	MDC to be used in AMI
• DDS-80:2007 (amended to date)	LT Current Transformer for metering
• IEC 62052-11	Electricity Metering Equipment- General requirements & test conditions- Part 11: Metering Equipment
• IEC- 62053-23	Electricity Metering Equipment particularly requirements Part 21 : Static meters for ac action energy (classes 0.5, 1 and 2)

• IEC 62053-23	Electricity Metering Equipment-Particular requirements Part 23: Static meter for reactive energy (Class 2&3)
• IEC 60947-2	Low voltage switchgear and control-gear-Part 2:C.B
• IEC 61869-2	Instrument Transformers-Part 2: Additional requirements for current transformers
•	Oil Temperature and level monitoring
•	Magnetic contactor

7.2 General Composition of Asset Performance Management System (APMS) on Distribution Transformer of 25kVA, 50kVA, 100kVA, 200 kVA & 630kVA Ratings

No.	Item/Ratings	Qty.
1	Smart Meter	1
2	MS Enclosure/ Box	1
3	Bimetallic Lugs-( corresponding to size of relevant APMS)	08
4	Copper Busbar Arrangement ( corresponding to size of relevant APMS)	As per specification
5	Glass Window	1
6	CTS - (as per requirement of APMS)	4
7	Breaker/MCCB	1
8	Oil Temperature and level monitoring	1
9	Magnetic Contactor	1
10	Hardware. Paint Works & misc. Accessories	Lump sum

7.3 The MDM interface of PITC shall be used initially. In case of development of LESCO's own MDM in future, the integration of supplied MDC will be carried out by the bidder within the warranty period of MDC. If LESCO adopts a new MDM system that follows the same UDIL protocols and architecture, the integration process should be straightforward. However, the bidder will be required to: Ensure smooth integration of MDC data with the new MDM system, which may include mapping data fields, ensuring consistent communication protocols, and addressing any potential system compatibility issues. It means that during integration vendor application and database must not crash or become non-responsive. Similarly, vendor UDIL API and MDC must be capable to handle bulk requests.

The bidder(s) provided MDC software will have perpetual license and will be bound to upgrade its installed MDCs with the latest release of PITC-UDIL (available at <https://pitc.com.pk/index.php/projects/open-architecture-based-ami>). It is clarified that any update/change in UDIL release related to hardware/firmware will not be the part of bidder's scope.

7.4 Communication module used in Smart Metering Controlling Device (SMCD) must be verified and approved by Pakistan Telecommunication Authority (PTA). It should be minimum 4G and must be downward compatible to 2G (4G/2G) without changing the SIM. If communication fails at higher band, then the communication module shall

- automatically switch to lower available band.
- 7.5 Since all of the APMS component will be housed inside a steel cabinet / enclosure, the smart metering unit needs to be capable of communicating over the network without signal degradation. The DLMS / COSEM compliance requirements certificate includes the encryption mechanisms. The supplier must ensure the offered meters model are on DLMS / COSEM compliance certificates. The suppliers are encouraged to provide the DLMS / COSEM compliance certificate not older than “one year’s” version. The security of data being sensitive in nature must be ensured. The successful bidder is responsible to maintain all measures to secure meter software, HES/MDC Application, Databases, network from cyber security attacks. Next Generation Firewall/UTM, IDS/IPS, EDR etc should be included in network designing for safeguarding the infrastructure. While LESCO will provide the infrastructure and ensure security at the infrastructure level, the bidder is responsible for securing the application and databases at the software level. This includes:
- Application Security: The bidder must ensure the application is not vulnerable to
- Common security threats by adhering to best coding practices, implementing necessary security patches, and regularly testing the software for vulnerabilities especially DDoS attack prevention for both MDC and UDIL API.
- Data Encryption Where Required: During deployment, the bidder must ensure that application-to-database connections are encrypted where required. Additionally, data at rest may also need to be encrypted based on the project's requirements.
- Ongoing Security Measures: The bidder should ensure that the application remains secure against potential vulnerabilities, even after deployment, by keeping up with the latest security updates and patches.
- 7.6 Vendor will provide complete hardware/VM's specifications (Cores, RAM, Storage, etc.) mutually agreed for HES/MDC deployment at LESCO/PITC Data Center, to support all of APMS devices stated in BOQ. MDC should have the capability to retain minimum 120 days data in its database, before moving to archive.
- 7.7 The PITC-UDIL compliance Tier-I certificate on latest version is mandatory and the bidder shall submit it within 30 days after the issuance of notification of award / letter of acceptance and obtain UDIL compliance Tier-1 Certificate from PITC within 30 days (from the submission of compliance requirements for Tier-1 (extendable if both parties agreed). The bidder can also obtain the same certificate at any bidding stage before issuance of PO. The UDIL Compliance testing will comprise of two phases /Tiers as under:
- 7.8 UDIL compliance testing Tier-1 Certificate:  
In this phase MDCs will be tested for latest UDIL Compliance as per request Performa submitted by Vendors. After successful completion, UDIL Compliance testing Tier-1 certificate will be issued by PITC.
- 7.9 UDIL Performance Testing Tier-2 Certificate:  
Tier-2 Certificate will be issued by committee headed by Chief Engineer (PIU) LESCO whereas Concerned XEN M&T, Concerned S.E (OP) and Manager MIS LESCO will be members of the committee, once 100% APMS are installed and their two successful months of monitoring cycles including fulfilment of all on demand operation on these installed APMSs have been performed by the LESCO using the AMI solution. LESCO will issue Tier-2 Certificate within 30 days after fulfilment of all requirement.
- 7.10 The communication security is critical between APMS and MDC because the data

may go through public network (where the security and the integrity of the data could be compromised) even in private network (where there are possibilities of intrusions that can corrupt and manipulate data). Main reason for secured communication is sensitive data read from or sent through the APMS (e.g., consumption of electrical units). Therefore, the successful bidder will ensure the appropriate security scheme implemented upto MDC. The bidder will be required to provide documents mentioning the mechanism for implementing security of data from APMS to MDC. The vendor will provide the certificate as per PITC format as under:

*“It is to certify that primary and derived electrical quantities from MDC schematic to UDIL schematic will be without any treatment. If any discrepancy is identified, the vendor will be held responsible for the damages caused due to malfunctioning of APMS along with revalidation of UDIL certificate or cancellation of UDIL as per decision taken jointly by LESCO & PITC.”*

- 7.11 The successful bidder will be responsible for provision of secure and authorized access of software functionalities in the APMS, security of software programming and re-programming in the field and will provide necessary backup warranty and training to officers/officials of LESCO
- 7.12 Bidder will ensure that date/time of SMCD, synchronized on every connectivity with MDC. Also the MDC date/time will be synchronized with Network Time Protocol (NTP) on real time basis. PITC will provide NTP server.
- 7.13 Successful bidder(s) is/are required to provide facility / gadget for data retrieval for downloading through APMS optical port. In case of damage of APMS unit, LCD / Display wash, any critical issue, the security of EEPROM must be ensured and data should be readable from EEPROM. In this regard the bidder shall provide read only software on CD / DVD along with essential accessories to LESCO PIU office. Each SMCD should have unique password. The list of SMCDs along with their password should be provided to M&T offices upon delivery and installation of APMS units in LESCO.
- 7.14 Data consumption shall not exceed 32 MB per month in keep-alive mode.
- 7.15 MDC must be capable to handle all number of awarded APMS concurrently.
- 7.16 MDC should be able to support retrieval of scheduled metering data as per programmed / configurable interval (e.g 15 Minutes) for APMS. APMS would be declared muted if the last successful read was before 12 hours. Number of such muted units shall not be more than 2% at any point up to the warranty period within the system. MDC should be able to retrieve all missing data /reads from APMS after restoration of supply /elimination of communication error /due to any reason without compromising system performance also issues regarding error in data or missing data shall be treated as mute APMS. LESCO will provide details where APMS are to be installed subsequently the SIMs will be provided on the basis of field survey performed by bidder for best network availability on all APMS. Missing Read means Missing of schedules and on demand data. Error in data means incomplete/wrong data receiving at MDC. This will be checked through MDM as vendor’s MDC will be available to expose data at MDM.
- 7.17 The successful bidder is required to configure APMS during production for primary & secondary IPs, ports & Wakeup SIM numbers (which will be provided by LESCO/PITC). By default, **optical port will be disabled**, the APMS will be in “Keep Alive” Mode and after energizing, these APMS will be automatically

connected with the MDC & provide required data as per latest UDIL specifications. However, the schedule communication interval as well as sampling rate must be configurable.

- 7.18 On demand reading should be retrieved and the response time of On Demand reading should not be more than two minutes or any other realistic frequency set by LESCO.
- 7.19 In case of delay of retrieval of on Demand readings beyond two minutes, an investigation shall be conducted into the matter and reasons other than the transformer damages, scheduled load shedding, TELCO issues etc., shall be on Bidder's liability. The APMS should communicate at Signal Strength of -90dBm to -105dBm. Vendors will get it tested also to the satisfaction of the LESCO. If it is observed that the SMCD MODEM signal strength is lower than the one mentioned above, the supplier will be responsible to replace / repair the APMS under warranty. Retry Failure rate should not be more than 5 times. The Time out for each retry should not be more than 30 seconds.
- 7.20 System shall be able to identify and report potential system/APMS failures or tampering (Identify and report missing reads, Identify and report "stopped" APMS, receive signals for tampering or APMS removal. As this functionality of MDM is based on occurrence of events (Alarms) at MDC level and events should be as per actual APMS responses which should communicate to MDC accordingly.
- 7.21 The APMS shall accept disconnect & reconnect commands, on demand data requests and other parameters updates from HES by exposing required APIs to PITCs MDM system as per UDIL.
- 7.22 The APMS system shall support load shedding schedule and its implementation at predefined and programmable schedule.

## **8. INSTALLATION GUIDELINE OF APMS**

- 8.1 The Contractor shall be responsible for the supply, installation, testing , commissioning and full functioning of APMS at 100kVA & 200kVA Distribution Transformers at appropriate place/man height having sufficient ground clearance to avoid any technical or safety hazardous. Sub Division/Feeder Wise detail for deployment of supplied APMS is attached at **Annex-A**. However, LESCO reserve the right to change the feeder/area for deployment of APMS.
- 8.2 The installed APMS shall be properly earthed
- 8.3 Complete methodology/installation timeline shall be provided with the bid indicating the number of gangs/teams and their deployment. Bidder may also be asked to give presentation before the evaluators. Non-satisfactory work methodology may also render the bid as non-responsive.
- 8.4 After issuance of contract agreement, the successful firm shall submit the proposed plan alongwith timeline for installation of APMS within 15 days (in case of any change/update of plan is required in the already submitted plan with bid or as proposed by the Contract Manager).
- 8.5 The Employer shall not give any equipment/T&P for survey and installation to the Contractor for this project.
- 8.6 Complete shutdown schedule shall be submitted by the contractor to the Contract Manager and Contract Manager shall get it approved by the concerned office(s) after due deliberation. If any change is proposed by the Contact Manager the contactor is bound to follow the same.
- 8.7 The contractor is required to submit installation/work schedule of particular

- feeder before start of work to the Contract Manager LESCO for arrangement of Shutdown in a way to have minimum outage to install the maximum APMS effectively & efficiently adopting all safety precautions and SOPs
- 8.8 Permit to Work (PTW) will be taken by the concerned Line Superintendent (LS) as per procedure already laid down.
- 8.9 Upon receipt of goods/material in store, concerned LS will draw the material as per schedule already submitted by the contractor and on the request of designated/appointed POC of the contractor through Contract Manager. The material shall be received by the contractor's appointed POC from concerned LS. The contractor shall submit **Progress Report** to the Contract Manager fortnightly indicating the percentage of work completed against the planned schedule submitted by the contractor. Contract Manager will monitor the progress and will give necessary instructions/advice in this regard.
- 8.10 Upon completion of site, Site Acceptance Testing (SAT) will be carried as mentioned in bidding documents. Handing Over/Taking Over (HOTO) Certificate will be issued on successful completion. Besides successful installation and commissioning of APMS, Site Acceptance Team/Committee will also verify the quantity of material drawn and installed at site. Surplus and Dismantled material will be returned by the contractor to the concerned LS with documentary evidence.
- 8.11 Once the material is handed over to bidder/contractor for execution of work, they will be fully responsible for its safety/protection. In case of any loss/theft the bidder/contractor will be held accountable.
- 8.12 The contractor is required to adhere to Safety and health standards. The Team/Labour working on site must be equipped with all necessary Tools & Plants (T&P). They must be trained and well aware of safety protocols to be followed during execution of work to avoid any unexpected accident.
- 8.13 The Contractor is responsible to mobilize sufficient numbers of crews for installation of APMS, each equipped with T&P and Proper Uniform complete in all respects for smooth execution of each activity. Contractor will share credentials detail of all staff/team/gangs working on site with Contract Manager LESCO. Unauthorized person will not be allowed to work on site. In case change of staff/gangs, prior permission must be taken. Contractor is responsible for timely completion, to adhere to the project schedule and ensure that the sufficient resources are available with the crews before commencement of each activity.
- 8.14 The successful bidder shall extend all possible support and ensure integration with external data management systems at LESCO/ PITC. Moreover, Cable used for APMS installation is approximately 60 meters per Distribution transformer.
- 8.15 Lot wise detail for deployment of APMS is attached at Annex-A. However, LESCO reserve the right to change the area/feeder / transformer for deployment of APMS
- 8.16 The contractor shall arrange the training of LESCO officers / officials for HES / MDC operations.
- 8.17 The contractor shall submit list of all reference numbers/customers under particular APMS for coding purpose after site survey. For the purpose of site survey only, LESCO will nominate sub division wise at least 1 personnel.

### Form 13: Manufacturer's Authorization

[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letter head of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its Bid, if so indicated in the BDS]

Date: \_\_\_\_\_ [insert date (as day, month and year) of Bid submission]

No: \_\_\_\_\_ [insert number of Bidding process]

Alternative No: \_\_\_\_\_ [insert identification No if this is a Bid for an alternative]

To: \_\_\_\_\_ [insert complete name of Procuring Agency]

#### WHERE-AS

We \_\_\_\_\_ [insert complete name, address, email etc. of Manufacturer], who are official manufacturers of \_\_\_\_\_ [insert type of goods manufactured], having factories at \_\_\_\_\_ [insert full address of Manufacturer's factories], do hereby authorize \_\_\_\_\_ [insert complete name of Bidder] to submit a Bid the purpose of which is to provide the following Goods, manufactured by us \_\_\_\_\_ [insert name and or brief description of the Goods], and to subsequently negotiate and sign the contract.

Further, we M/s \_\_\_\_\_ [insert complete name of Manufacturer] undertake that our supplier / local agent / bidder i.e M/s \_\_\_\_\_ [insert complete name of Bidder] will ensure the supply the material under this tender at the same price and terms & conditions of the contract issued to our supplier / local agent / bidder M/s \_\_\_\_\_ [insert complete name of Bidder].

Further, for non-fulfilment of contracted obligations, bidder and its quoted manufacturer both will be held responsible & bothe will be dealt as per PPRA Rules and bidding document conditions.

We hereby extend our full guarantee and warranty in accordance with Clause-18 of the General Conditions of Contract with respect to the Goods offered by the above firm.

**Signed: [insert signature(s) of authorized representative(s) of the Manufacturer]**

**Name: [insert complete name(s) of authorized representative(s) of the Manufacturer]**

**Title: [insert title]**

**Dated on \_\_\_\_\_ day of \_\_\_\_\_ [insert date of signing]**

### Form 14: Price Schedule for APMS only

(Bidders is required to fill, sign, stamp and upload this form in vendor response otherwise bidder may be disqualified.)

### Items/Lots

SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA, 100kVA, 200kVA & 630-kVA DISTRIBUTION TRANSFORMERS ON 10-NOS. HIGH AT&C LOSS FEEDERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION)

LOT-1

Bid Security : Rs. 2,000,000/-

Item	Quantity	Unit Price (PKR)	Total Price (PKR)	Delivery Location	Delivery Period/Year	Country of Origin
APMS (Asset Performance Management System) for 200KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature	55					
APMS (Asset Performance Management System) for 100KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature	25					
APMS (Asset Performance Management System) for 50KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature	2					

300 mm <sup>2</sup> , S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications	3300					
150 mm <sup>2</sup> , S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications	1500					
70 mm <sup>2</sup> , S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications	120					
PG connectors for 300 mm <sup>2</sup> , S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specifications	440					
PG connectors for 150 mm <sup>2</sup> , S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specifications	200					
PG connectors for 70 mm <sup>2</sup> , S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specifications	16					
Complete installation of Items listed along with other Equipment / Material which is not included in this list but is essential for a complete functional system	82					

SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA, 100kVA, 200kVA & 630-kVA DISTRIBUTION TRANSFORMERS ON 10-NOS. HIGH AT&C LOSS FEEDERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION)

LOT-2

Bid Security : Rs. 2,000,000/-

Item	Quantity	Unit Price (PKR)	Total Price (PKR)	Delivery Location	Delivery Period/Year	Country of Origin
APMS (Asset Performance Management System) for 200KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature	32					
APMS (Asset Performance Management System) for 25KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature	03					
APMS (Asset Performance Management System) for 100KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature	15					
APMS (Asset Performance Management System) for 50KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature	06					

25 mm <sup>2</sup> , S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications	180					
300 mm <sup>2</sup> , S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications	2220					
150 mm <sup>2</sup> , S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications	1380					
70 mm <sup>2</sup> , S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications	900					
PG connectors for 25 mm <sup>2</sup> , S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specifications	24					
PG connectors for 300 mm <sup>2</sup> , S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specifications	296					
PG connectors for 150 mm <sup>2</sup> , S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specifications	184					
PG connectors for 70 mm <sup>2</sup> , S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specifications	120					
Complete installation of Items listed along with other Equipment / Material which is not included in this list but is essential for a complete functional system	78					

SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA, 100kVA, 200kVA & 630-kVA DISTRIBUTION TRANSFORMERS ON 10-NOS. HIGH AT&C LOSS FEEDERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION)

LOT-3

Bid Security : Rs. 2,000,000/-

Item	Quantity	Unit Price (PKR)	Total Price (PKR)	Delivery Location	Delivery Period/Year	Country of Origin
APMS (Asset Performance Management System) for 200KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature	48					
APMS (Asset Performance Management System) for 100KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature	22					
APMS (Asset Performance Management System) for 50KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature	08					
APMS (Asset Performance Management System) for 630KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature	01					

300 mm <sup>2</sup> , S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications	2880					
150 mm <sup>2</sup> , S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications	1320					
70 mm <sup>2</sup> , S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications	480					
400 mm <sup>2</sup> , S/C Al. Cable, PVC/PVC (30 meters for each phase & neutral) as per relevant DDS specifications	120					
PG connectors for 300 mm <sup>2</sup> , S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specifications	384					
PG connectors for 150 mm <sup>2</sup> , S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specifications	176					
PG connectors for 70 mm <sup>2</sup> , S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specifications	64					
PG connectors for 400 mm <sup>2</sup> , S/C Al. Cable (16 Nos. for each APMS) as per relevant DDS specifications	16					
Complete installation of Items listed along with other Equipment / Material which is not included in this list but is essential for a complete functional system	79					

SUPPLY, INSTALLATION, CONFIGURATION, TESTING AND COMMISSIONING OF ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS) FOR 25kVA, 50kVA, 100kVA, 200kVA & 630-kVA DISTRIBUTION TRANSFORMERS ON 10-NOS. HIGH AT&C LOSS FEEDERS ALONG WITH ALLIED MATERIAL AND SERVICES (COMPLETE END TO END SOLUTION)

LOT-4

Bid Security : Rs. 2,000,000/-

Item	Quantity	Unit Price (PKR)	Total Price (PKR)	Delivery Location	Delivery Period/Year	Country of Origin
APMS (Asset Performance Management System) for 200KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature	80					
APMS (Asset Performance Management System) for 100KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature	29					
APMS (Asset Performance Management System) for 50KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature	14					
APMS (Asset Performance Management System) for 25KVA Ratings along with complete associated and allied materials and accessories which are housed in the enclosure for one complete unit; required for complete functioning and all of the driven feature	03					

300 mm <sup>2</sup> , S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications	3000					
150 mm <sup>2</sup> , S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications	1740					
70 mm <sup>2</sup> , S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications	840					
25 mm <sup>2</sup> , S/C Al. Cable, PVC/PVC (15 meters for each phase & neutral) as per relevant DDS specifications	180					
PG connectors for 300 mm <sup>2</sup> , S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specifications	400					
PG connectors for 150 mm <sup>2</sup> , S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specifications	232					
PG connectors for 70 mm <sup>2</sup> , S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specifications	112					
PG connectors for 25 mm <sup>2</sup> , S/C Al. Cable (8 Nos. for each APMS) as per relevant DDS specifications	24					
Complete installation of Items listed along with other Equipment / Material which is not included in this list but is essential for a complete functional system	96					
<b>Total</b>						

**Signature of Bidder:** \_\_\_\_\_

Name.....in the capacity of

..... Signature of Bidder:

Duly authorized to sign the Bid for and on behalf of .....Dated on

.....  
day of.....20 .....

\_\_\_\_\_  
**Stamp with Signature**



## Form 15 List of Feeders for installation of APMS

(Bidders is required to read the information written in this form and ensure compliance as per requirements of Procuring Agency)

Sr. No.	CIRCLE	Feeder Name	Feeder Code	PITC %AT&C Loss 02-2026	No. of General Duty Transformers									
					10 kVA	15 kVA	25 kVA	50 kVA	100 kVA	200 kVA	400 kVA	630 kVA	Other	Total
1	3	Bhaseen	001316	62.5	0	0	0	1	14	29	0	0	0	44
2	3	Wahga	001310	59.8	0	0	0	1	11	26	0	0	0	38
3	5	Phularwan	116105	56.7	0	0	0	1	6	9	0	0	0	16
4	1	Azmat Park	050846	54.0	0	0	0	5	9	23	0	0	0	37
5	2	Pandoki	128005	52.8	0	0	0	7	16	13	0	0	0	36
6	3	Attokayawan	001309	51.1	0	0	0	1	6	35	0	1	0	43
7	7	Chabbar	031024	49.9	0	0	3	9	8	5	0	0	0	25
8	2	Bhubtian Chowk	112703	48.3	0	0	0	3	9	18	0	0	0	30
9	5	Hadyara	98728	42.5	0	0	1	0	6	18	0	0	0	25
10	7	Hanjra	015816	42.1	0	0	2	11	14	14	0	0	0	41
<b>Total (10-Feeders)</b>					<b>0</b>	<b>0</b>	<b>6</b>	<b>39</b>	<b>99</b>	<b>190</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>335</b>

## Past Experience / Contracts

Contracts over *[insert amount]* during the last three years:

Procuring Agency	Value	Year	Goods/Services Supplied	Country of Destination

