

# **JAIPUR METRO RAIL CORPORATION LTD.**

JMRC/O&S/EL/2014-15/NIB/02

Dated:- 23.12.2014

## **“Rate Contract for Miscellaneous Electrical Works in JMRC”**

### **BID DOCUMENT**

#### **BID DOCUMENT CONSIST OF :**

- NOTICE INVITING BID (NIB)
- INSTRUCTION TO BIDDERS (ITB)
- SPECIAL CONDITIONS OF CONTRACT (SCC)
- SPECIFICATIONS FOR ELECTRICAL WORKS
- BILL OF QUANTITY (BOQ)
- JMRC GENERAL CONDITIONS OF CONTRACT (GCC)



**JAIPUR METRO**

### **Jaipur Metro Rail Corporation Ltd.**

2<sup>nd</sup> Floor, RSIC Wing, Udyog Bhawan,

C-Scheme, Tilak Marg, Jaipur, 302005

Website: [www.jaipurmetrorail.in](http://www.jaipurmetrorail.in)

Email: [jmrc.gmtem@gmail.com](mailto:jmrc.gmtem@gmail.com)

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**SECTION 1**  
**NOTICE INVITING BID**

**1.1 GENERAL**

JAIPUR Metro Rail Corporation (JMRC) Ltd. Invites sealed open Bids from eligible Bidders for Rate Contract for Miscellaneous Electrical Works in JMRC.

Approximate cost of work	24,84,000.00/- inclusive of all taxes
Bid Security amount	49,680.00/-
Cost of Bid form (Non-Refundable)	1000/-
Period of the Rate Contract	For 1 year (from the date of award/ LOA of rate contract)
Last date for receiving queries/clarification for Pre-Bid Conference	<b>12/01/2015</b> Upto 16:00 hrs.
Date and Venue of Pre- Bid Conference	<b>13/01/2015</b> at 11:00 A.M. Conference Hall JMRC, III <sup>rd</sup> Floor, RSIC Wing, Udyog Bhawan, Tilak Marg, C- Scheme Jaipur 302005
Last date of issue of Bid Document	<b>23/01/2015</b> Upto 14:00 Hrs.
Last date of submission of Bid	<b>23/01/2015</b> Upto 15:00 Hrs.
Date of opening of Technical cum-commercial Bid	<b>23/01/2015</b> at 15:30 Hrs.
Place of submission and opening of Bid	Office of GM (Traction/E&M), JMRC, II <sup>nd</sup> Floor, RSIC Wing, Udyog Bhawan, Tilak Marg, C- Scheme, Jaipur 302005

Note - Cost of Bid form, Bid Security amount shall be submitted in the form of demand draft/bankers cheque of any scheduled bank or nationalised bank in India in favour of Jaipur Metro Rail Corporation payable at Jaipur. The bid security may also be submitted in form of Bank Guarantee.

**1.2 POINTS TO BE NOTED**

- 1.2.1 Works envisaged under this contract are required to be executed in all respects up to the period of completion mentioned above.
- 1.2.2 Only those agencies, who qualified condition of clause 1.3 and special condition of contract, should submit the Bid documents.
- 1.2.3 The mere fact that the Bidders shall not imply that his bid shall automatically be accepted. The same should contain all Financial & other details as required for the consideration of Bid.
- 1.2.4 Bid document consists of the following:
- a. Notice Inviting Bid - consisting of
    - i. Notice Inviting Bid
    - ii. Scope of Work
    - iii. Bid prices
  - b. Instructions to Bidders
  - c. Special Conditions of Contract (SCC)
  - d. Specifications for Electrical works
  - e. Bill of Quantities (BOQ)
  - f. General Conditions of Contracts (GCC)
- 1.2.5 The Contract shall be governed by the documents listed in para 1.2.4 above.
- 1.2.6 The Bidders may obtain further information in respect of these Bid documents from the office of **GM (Traction/E&M), JMRC, II<sup>nd</sup> Floor, RSIC Wing, Udyog Bhawan, Tilak Marg, C- Scheme Jaipur 302005**
- 1.2.7 All Bidders are hereby cautioned that Bids containing any material deviation from the Bid document as mentioned in the clause of 1.2.4 of NIB which consists of NIB, Instructions to bidders, Special conditions of contract, Specifications for Electrical Works, Bill of Quantities, General conditions of contract, is liable to be summarily rejected as non-responsive.

1.2.8 JMRC reserves the right to accept or reject any or all proposals without assigning any reasons. No Bidders shall have any cause of action or claim against the JMRC for rejection of his proposal.

**1.3 Minimum Eligibility Criteria :- The bidder should meet all the eligibility criteria as mentioned below:-**

(a) Firm shall INITIALLY be filtered on the basis of following criteria

**INITIAL REQUIREMENTS :-**

S. No.	Criteria
1	Firm should not have abandoned any work in last five years.
2	Bidder's Contract with any organization should not ever been terminated due to poor performance.
3	Bidder's Security Deposit should not ever been forfeited by any Government/ Semi Government/PSU/MRTS.
4	Bidder should not have been involved in frequent litigation in last five years.
5	Bidder should not have suffered Bankruptcy/ insolvency in last five years.
6	Bidder should not have been blacklisted by any organization.
7	Bidder should not submitted any misleading information in the application.
8	Bidder should be financially sound to perform the work.
9	Bidder's Net Worth should not be negative.
10	Bidder should be able to certify that no agent/ middleman has been or will be engaged nor that any agency or commission has been or will be paid.

To prove conformity to above requirements, bidder should submit an undertaking for the fulfilment of all above criteria on the letter head of the firm at the time of submission of bid (refer clause 8.1.1 (k)). At any stage if it found that bidder has not met any of the above eligibility criteria, his bid will be summarily rejected and action shall be taken as per terms and conditions of this bid documents.

(b) Work Experience:

The firm/contractor having valid electrical licence to work in Rajasthan with experience of having satisfactorily completed similar works during last 3 years period ending last day of month previous to the one in which the Bids are invited should be either of the following:

(i) Three similar completed works each costing not less than the amount equal to 40% of the estimated cost i.e. Rs. 9,93,600 /-.

Or

(ii) Two similar completed works each costing not less than the amount equal to 50% of the estimated cost i.e. Rs. 12,42,000 /-.

Or

(iii) One similar completed work each costing not less than the amount equal to 80% of the estimated cost i.e. Rs. 19,87,200 /-.

(b) Financial Standing (Annual Turnover) :

The average annual turnover of Applicant during each of last three audited financial years should not be less than forty percent (40%) of the estimated cost given in NIB i.e. Rs. 9,93,600 /-.

(d) The Bidders should have minimum three years experience of similar works in any Central Govt./ State Govt./PSUs/DMRC. (submit relevant documentary proof).

(e) Definition of similar work :- Execution/maintenance of Electrical work in any Govt. Department/Railway/PSUs / Govt. Bodies, the Experience certificates/work completed certificates should be issued by an officer not below the rank of Executive Engineer (of Govt./PSUs/Railways/Govt. Bodies of related work) are required with Bid.

**1.4 Bid document issue/downloading from website :-**

1.4.1 The Bid document consisting of notice inviting bid (NIB), instructions to bidder (ITB), special condition of contract (SCC), specifications for electrical works, Bill of Quantities etc. and all other relevant information/documents pertaining to the work can be downloaded for quoting the bid from our website [www.jaipurmetrorail.in](http://www.jaipurmetrorail.in) or [www.sppp.raj.nic.in](http://www.sppp.raj.nic.in)

**ALTERNATIVELY**

1.4.2 Bid document consisting of notice inviting bid (NIB), instructions to bidder (ITB), special condition of contract (SCC), specifications for electrical works, Bill of Quantities etc. and all other relevant information/documents pertaining to the work will be open for inspection by bidder and can be had from the office of GM (Traction/E&M), JMRC, II<sup>nd</sup> Floor, RSIC Wing, Udyog Bhawan, Tilak Marg, Jaipur 302005 between 11:00 Hrs. to 16:00 Hrs. on every working day except Saturday and Sunday. The bidder must submit application for issue of bid documents along with cost of tender documents (Non-refundable) as per NIB.

- Note- 1.** JMRC General Condition of Contract (GCC) is available at our website [www.jaipurmetrorail.in](http://www.jaipurmetrorail.in). JMRC General Condition of Contract (GCC) is integral part of this Bid document but this need not to be downloaded/issued or to be submitted along with Bid documents, it is deemed that bidder is accepting the GCC at the time of submission of bid. Successful bidder has to signed GCC documents at the time of signing agreement.
2. The bid documents shall not be issued/sent/received through post/courier.
  3. The bidder shall submit the original computer print out of the bid documents downloaded from the internet or the original bid documents issued from JMRC. The photo copies of bid documents shall not be accepted.

**GM (Traction/E&M)**  
**JMRC**

**DEFINITIONS**

Agreement	The Contract Agreement to be executed between JMRC and Agency, subsequent to the Letter of Award, as per the format at Form-E of ITB.
Agency/Bidder	The Agency/Bidder engaged pursuant to this Bid for conducting the Work as per the Scope of Work defined in this Bid document.
Corporation	Jaipur Metro Rail Corporation Ltd.
JMRC	Jaipur Metro Rail Corporation Ltd.
LOA	Letter of Award ó Letter form Corporation to selected Agency conveying selection and outlining the terms and rates for the work.
Bidder	The firm or company which submits proposal in response to this BID within the time prescribed for the purpose.
Technically Qualified Bidder	A Bidder whose Technical Bid is considered eligible and technically responsive by JMRC.
Contract Agreement Amount	The contract amount finally approved by JMRC for the entire work for the duration of the contract (and extended) pursuant to this Bid process, as mentioned in the LOA.

## SECTION 2

### SCOPE OF WORK

#### 2.1 Methodology of Rate Contract

This is a running rate contract which shall be valid for one year from the date of award of work. However the validity of rate contract may be extended for further six months on mutual consent of contractor and JMRC at the same terms and conditions. The work is to be carried out any where in Jaipur city in the jurisdiction of JMRC. This is a running rate contracts so JMRC shall give Letter of Indent (LOI) to execute the miscellaneous electrical works as and when required during the currency of contract. The contractor has to execute the given works as per the specifications and running contractor's bills shall be paid by JMRC. The work includes electrical wiring/ distribution system / LT cables and its accessories/ earthing/ repair of electrical items/ LT panel and accessories etc. mentioned in the BOQ.

#### 2.2 Time Schedule

The contract period for execution of the above mentioned works is one year from the date of award/ LOA of the rate contract. However the time period of contract may be extended for further 6 months on mutual acceptance of contractor and JMRC at same terms and conditions.

**SECTION 3**  
**BID PRICES AND**  
**SCHEDULE OF PAYMENT**

**3.1 Bid Prices**

- 3.1.1 a. Unless explicitly stated otherwise in the Bid Documents, the contractor Shall be responsible for the whole works, based on the Bill of Quantities and payment shall be as per accepted rates based on the activities carried out as in the Schedule of work.
- b. The rate quoted by the Bidders is inclusive of all duties, taxes, fees, octroi and other levies

**3.1.2 Schedule of Payment**

The payment will be made on satisfactory completion of individual work against each LOI (Letter of Indent).

Each claim bill of contractors must accompany the following:

- a) List showing the details of labourers / employees engaged.
- b) Duration of their engagement.
- c) The amount of wages paid to such labourers / employees for the duration in question.
- d) Amount of EPF contributes (Both employer's & employee contribution) for the duration of engagement in question paid to the EPF authorities.
- e) Copies of authenticated documents of payments of such contribution to EPF ó authorities.
- f) A declaration from the contractors regarding compliance of the conditions of EPF- Act, 1952 and all relevant Labour Laws.



# “Rate Contract for Miscellaneous Electrical Works in JMRC”

## INSTRUCTIONS TO BIDDERS

### 1.0 GENERAL

#### 1.1 INTRODUCTION

Sealed open Bids are invited for Rate Contract for Miscellaneous Electrical Works in JMRC herein after called the Employer, for Works in accordance with this Bid Package.

The Bid papers consist of the following documents, along with their annexes, appendices, addenda and errata if any.

- Notice Inviting Bid (NIB )
- Instructions to Bidders ( ITB )
- General Conditions of Contract
- Special Conditions of Contract (SCC)
- Specifications for Electrical Works
- Bill of Quantities

Bids shall be prepared and submitted in accordance with the instructions given herein.

1.2 Relevant address for correspondence relating to this Bid is given below:

**GM (Traction/E&M), JMRC, II<sup>nd</sup> Floor, RSIC Wing, Udyog Bhawan, Tilak Marg, C- Scheme Jaipur 302005**

1.3 Some essential data/requirements pertaining to this Bid along with reference to Clause number of this volume where full details have been given are detailed below.

- a) Bid Security to be furnished by the Bidders: Amount as per NIB.
- b) Bids will be accepted in the office of JMRC only. **Late or delayed** Bids will not be accepted under any circumstances.
- c) Date of opening of the Bid Package: **As per NIB.**
- d) Period for which the Bid is to be kept valid: **As per Clause 11.0 of the ITB.**
- e) Contract Period: **As per NIB.**

### 2.0 PRE QUALIFICATION REQUIREMENTS

2.1 This invitation to Bid is open to only those agencies having valid electrical license to work in Rajasthan and having experience of Executing Electrical Works Contracts.

2.2 Each agency shall submit only one Bid either himself or as a lead partner /Lead Constituent in a joint venture/consortium for the work. The Bid who submits more than one Bid for the same work will be disqualified.

All Bids submitted shall include the following information:

2.2.1 General information on the Bidders shall be furnished in Form T-I. Copies of original documents defining the constitution and legal status, certificate of registration and ownership, principal place of business of the company, corporation, firm or partnership or, if a joint venture including consortium, of each party thereto constituting the Bidders will also be required to be furnished. All the group members in a joint venture will be jointly and severally responsible for the performance under the contract.

2.2.2 In the case of Bid by a joint venture of two or more firms or companies as partners or as members of a consortium as the case may be, joint venture data must be furnished in the format prescribed (Form T-I) along with the documents as mentioned therein. The following requirements shall also be complied with.

- a. The Bid, and, in the case of a successful Bid, the Form of Agreement, shall be individually signed so as to be legally binding on all partners/constituents as the case may be.
- b. In case of partnership, one of the partners shall be nominated as being In-charge as Lead or Prime Partner and this authorization shall be evidenced by submitting a power of attorney signed by the partners or legally authorized signatories of all the partners. In case of consortium, it will similarly authorize a person to be In-charge and this authorization shall be evidenced by a power of attorney in favour of that person.

- c. The partner In-charge or the person In-charge as aforesaid shall be authorized to incur liabilities and receive instructions for and on behalf of any and all the partners of the joint venture or constituents of the consortium and the entire execution of the contract including payment shall be carried out exclusively through the partner In-charge of Joint Venture and person In-charge of a consortium.
  - d. All partners of the joint venture or constituents of the consortium shall be liable jointly and severally for the execution of the Contract in accordance with the Contract terms and a relevant statement to this effect shall be included in the authorization mentioned under (b) above as well as in the Form of Bid and the Form of Agreement (in case of a successful Bid).
  - e. In the event of default by any partner in the case of a joint venture and constituent in the case of a consortium in the execution of his part of the Contract, the partner/person In-charge will have the authority to assign the work to any other party acceptable to the Employer to ensure the execution of that part of the Contract.
  - f. A copy of the agreement entered into by the joint venture/ consortium partners shall be submitted along with the Bid.
- 2.2.3 In case the Bidders is an Association, Consortium or Joint Venture, the Bidders shall provide the following:
- i. The Memorandum of Understanding/Joint Venture Agreement duly notarized indicating:
    - a. Nomination of one of the members of the Association, Consortium or Joint Venture to be In-charge or Lead Member. The legally authorized signatories of all members of the Association, Consortium or Joint Venture shall issue this authorization.
    - b. Details of the intended percentage participation given by each member, with complete details of the proposed division of responsibilities and corporate relationships among the individual members.
    - c. Each member of the Association, Consortium or Joint Venture shall be jointly and severally liable for the undertaking of this Contract.
- 2.2.4 The Bidders to qualify for award of Contract shall submit a written power of attorney authorizing the signatory (ies) of the Bid to commit the Bidders or each member of the partnership, consortium or joint venture.
- 2.3 Each page of Bid shall be signed by the authorized signatory of the Bidders. Power of Attorney in favour of the signatory will be required to be furnished as detailed in Clause 13.0.
- 2.4 Cancellation or creation of a document such as Power of Attorney, Partnership deed, Constitution of firm etc., which may have bearing on the Bid/contract shall be communicated forthwith in writing by the Bidders to the Engineer and the Employer.
- 2.5 Details of information submitted by the applicants at the stage of Techno-Commercial bid shall be considered for qualification of this Bid . Any information found incorrect or suppressed, the Bid may not be considered or contract will be cancelled without any financial claim/arbitration from the Bid. The applicant is required to certify in the statement placed at Annexure B.
- 2.6 Each Bidders, or any associate will be required to confirm and declare in the Bid submittal that no agent, middleman or any intermediary has been, or will be, engaged to provide any services, or any other items of work related to the award and performance of this contract. They will have to further confirm and declare in the submittal that no agency commission or any payment, which may be construed as an agency commission, has been, or will be paid and that Bid price will not include any such amount.
- 3.0 COST OF BIDDING**
- 3.1 The Bidders shall bear all costs associated with the preparation and submission of his Bid and the Employer will in no case be responsible or liable for these costs.
- 4.0 SITE VISIT**
- 4.1.1 The Bidders is advised to visit and examine the Site of Works and its surroundings at his/their cost and obtain for himself on his own responsibility, all information that may be necessary for preparing the Bid and entering into a Contract.
- 4.1.2 The agency shall be deemed to have inspected the Site and its surroundings beforehand and taken into account all relevant factors pertaining to the Site in the preparation and submission of the Bid

**BID DOCUMENTS****5.0 CONTENTS OF BID DOCUMENTS**

- 5.1.1 The Bidders is expected to examine carefully all the contents of the Bid documents as mentioned including instructions, conditions, forms, terms, specifications and take them fully into account before submitting his offer. Failure to comply with the requirements as detailed in these documents shall be at the Bidders own risk. Bids that are not responsive to the requirements of the Bid documents will be rejected.

**6.0 AMENDMENT TO BID DOCUMENTS**

- 6.1 At any time prior to the deadline for the submission of Bids, the Engineer may, for any reason, whether at his own initiative or in response to a clarification or query raised by a prospective Bidders, modify the Bid documents by an amendment/addendum.
- 6.2 Any amendment/addendum as per clause 6.1 above shall also be the part of this Bid.
- 6.3 In order to afford prospective Bidders reasonable time for preparing their Bids after taking into account such amendments/addendums, the Engineer or the Employer may, at his discretion, extend the deadline for the submission of Bids in accordance with Sub-clause 15.0.

**PREPARATION OF BIDS****7.0 LANGUAGE OF BID**

- 7.1 The Bid prepared by the Bidders and all correspondence and documents relating to the Bid exchanged between the Bidders and the Employer/Engineer shall be in the English language.

**8.0 DOCUMENTS COMPRISING THE BID****8.1 BID PACKAGE**

The Bid shall be submitted in two parts as 1. Technical cum Commercial Bid (Envelope-A) and 2. Price Bid (Envelope-B) in sealed covers separately duly superscribed from the bidders and both the sealed covers (Envelope-A & Envelope-B) are to be put together in a bigger cover which should also be sealed and superscribed with name of bidder and name of the work.

**8.1.1 Envelope-A (Technical Cum Commercial Bid)**

The envelope-A shall contain the following:

- a) Bid cost instrument (Non-refundable, in case of downloaded tender)
- b) Bid security instrument.
- c) Self Attested copies of the PAN. No. under Income Tax Act, latest Service tax Registration certificate, Sales Tax Clearance Certificate/ VATCC and Registration with contract cell of Sales Tax Department as per Rajasthan Sales Tax Act, PF Registration No., Valid Electrical license to work in Rajasthan.

If a Bidders is of outside of Rajasthan intends to participate in JMRC Bid, he can be permitted provided he gives an undertaking to the fact that he will get himself registered with Applicable Service Tax/ Sales Tax authorities, in the event of issue of Letter of Acceptance to the Bidders and shall submit registration number before claiming initial advance or first payment whichever is earlier. In the absence of registration detail with Service Tax/Sales Tax, EPF authority, payment shall not be released. (The contractor shall also be responsible to comply instructions as per applicable Labour laws).

- d) Bid documents as listed below:
  - i. Notice Inviting Bid
  - ii. Instructions to Bidders.
  - iii. Special Conditions of Contract
  - iv. Specifications for Electrical Works
  - v. JMRCs General Conditions of Contract (It is integral part of this Bid document but this need not to be submitted along with Bid documents, it is deemed that bidder is accepting the GCC at the time of submission of bid. Successful bidder has to signed GCC documents at the time of signing agreement.
  - vi. Annexure B , A1, B1
- e) Statement of deviations from Bid documents (Form C).
- f) General Information in the form prescribed (Form T-I) and Experience record of similar works during the last three years and in progress on date may be furnished in the format prescribed (Form T-II).

- g) Attested Copy of Power of Attorney to submit Bid.
- h) Financial data (Form T ó V)
- i) Form of Bid and Appendix thereof (Form A).
- j) Copy of all the documents to satisfy the eligibility criteria
- k) The undertaking from bidder for confirmation of the fulfillment of the eligibility criteria (refer clause 1.3 (a) of NIB).
- l) All the addendums/amendments issued regarding this tender and uploaded by JMRC on the website.
- m) Any other documents, contractor deem fit but not the financial Bid/BOQ.

**Note:-No price bid should be indicated at any place in the Technical Bid, otherwise the proposal shall be summarily rejected.**

### **8.1.2 Envelope-B (Price Bid)**

Envelope B shall contain the original price bid (BOQ) with pricing duly signed by contractor.

- 8.2 The prices shall be entered in the Form of Bid and the BOQ enclosed in words as well as in figures. These prices should include all costs associated with the contract.
- 8.3 Documents to be submitted by the Bidders under technical and financial packages have been described under the respective Clauses 8.1 of ITB. This list of documents has been prepared mainly for the convenience of the Bidders and any omission on the part of the Employer shall not absolve the Bidders of his responsibility of going through the various clauses in the Bid Documents including the specifications and to submit all the details specifically called for (or implied) in those clauses.
- 8.4 All documents issued for the purposes of Bidding as described in Clause 1.2.4, and any amendments issued in accordance with Clause 6.0 shall be deemed as incorporated in the Bid.
- 8.5 In case of a joint venture/consortium, information as required under clause 2.2, in respect of each partner/company including Forms T-I to T-VII will be required to be furnished. Additional sheets may be used wherever necessary.

### **9.0 BID PRICES**

- 9.1 The Bidders is required to quote for all the items as per Bid documents.
- 9.2 Price quoted by the Bidders shall be inclusive of all taxes/duties/levies etc. The contractor shall ensure full compliance with tax laws of India with regard to this contract and shall be solely responsible for the same. The contractor shall submit copies of acknowledgements evidencing filing of returns every year and shall keep the Employer fully indemnified against liability of tax, interest, penalty etc. of the contractor in respect thereof, which may arise.
- 9.3 The Bidders shall keep the contents of his Bid and rates quoted by him confidential.
- 9.4 The rate quoted shall be reasonable and not unbalanced. If the Engineer came across any unbalanced rates, he may require the Bidders to furnish detailed analysis to justify the same. If after its examination, the Engineer still feels the rates to be unbalanced, he may ask the Bidders other safeguards to protect Employers interest against financial loss. If the Bidders fail to comply with this, his Bid shall be liable to be rejected by the Employer.
- 9.5 The Bidders shall utilize Indian labour, staff and materials to the maximum extent possible in execution of Works.
- 9.6 The successful Bidders should arrange for refund of taxes and duties paid or would have been paid to the fullest extent JMRC is entitled.. All records for payment of sales tax on works contract, VAT, custom duty and Excise duties paid by the successful Bidders during execution of contract will be maintained to facilitate refund of taxes and duties for JMRC (if applicable). In case the amount of any of these taxes/duties actually paid and exemption availed by the successful Bidders is less than what has been indicated by them in your offer, the difference of the same will also be paid to JMRC. The effect of variation in quantities both +ve and -ve will be dealt separately.

### **10.0 CURRENCIES OF THE BID**

- 10.1 Bid prices shall be quoted in Indian Rupees only.

### **11.0 BID VALIDITY**

- 11.1 The Bid shall remain valid and open for acceptance for 90 days from the date of submission of Bid.

11.2 In exceptional circumstances, prior to expiry of the original Bid validity period, the Employer/the Engineer may request the Bidders for a specified extension in the period of validity. The request and the response thereto shall be made in writing or by telefax. A Bidder may refuse the request without forfeiting his Bid security. A Bidders agreeing to the request, shall not be required or permitted to modify his Bid but will be required to extend the validity of his Bid security correspondingly.

## **12.0 BID SECURITY**

12.1 The Bidders shall furnish, as Bid security, an amount as mentioned in NIB.

12.2 The Bid security will be in the form of Demand Draft/Bankers cheque in the name of Jaipur Metro Rail Corporation payable at Jaipur. Bank Guaranty having validity of 120 days from date of submission of Bid may also be submitted as Bid security.

12.3 Any Bid not accompanied by an acceptable Bid security will be summarily rejected by Employer/Engineer considering the bid as non-responsive.

12.4 The Bid securities of unsuccessful Bidders shall be discharged/returned by the Employer as promptly as possible as within 30 days after the expiration of the period of Bid validity as defined in Clause 11.0. In this connection, Clause 25.3 may also be referred to.

12.5 The Bid security of the successful Bidders shall be returned upon the Bidders executing the Contract Agreement after furnishing the required performance guarantee for performance, as mentioned in Clause 27.0

### **12.6 The Bid security shall be forfeited:**

1. If a Bidders withdraws his Bid during the period of Bid validity, or
2. If the Bidders does not accept the correction of his tendered price in terms of Clause 22.0 or
3. In the case of a successful Bidder, if he fails to:
  - a. Furnish the necessary performance guarantee for performance as per Clause 27.0 and/or
  - b. Enter into the Contract within the time limit specified in Clause 26.0
  - c. Commence the work as per terms and conditions of Bid after issuance of LOA.

12.7 No interest will be payable by the Employer on the Bid security amount cited above.

## **13.0 FORMAT AND SIGNING OF BIDS**

13.1 If the Bid is submitted by a proprietary firm it shall be signed by the proprietor above his full name and the full name of his firm with its current address.

13.2 If the Bid is submitted by a firm in partnership, it shall be signed by a partner holding the power of Attorney for the firm. A certified copy of the Partnership deed and power of attorney shall accompany the Bid. Alternatively, all the partners shall sign it.

13.3 If the Bid is submitted by a limited company or a limited corporation, it shall be signed by a duly authorized person holding the power of attorney for the firm. A certified copy of the power of attorney shall accompany the Bid.

13.4 The documents are required to be submitted by the Bidders will be as described under clause 8.0 herein.

13.5 Each page of such document should be signed in full at the bottom by person submitting the Bid along with the date of signing. Each page of printed documents should be initialled at the bottom by the person submit submitting the Bid along with the date of initialling.

13.6 The complete Bid shall be without alterations, overwriting, interlineations or erasures except those to accord with instructions issued by the Employer, or as necessary to correct errors made by the Bidders. All amendments/corrections shall be initialed by the person signing the Bid.

13.7 All witnesses and sureties shall be persons of status and probity and their full names, occupations and addresses shall be written below their signatures.

## **14.0 SEALING AND MARKING OF BIDS**

14.1 Each page of tender documents has to be signed by the bidder. The both sealed covers (Envelope-A & Envelope-B) are to be put together in a bigger cover which should also be sealed and superscribed with name of bidder and name of the work. The bid shall be submitted in the manner as described in clause 15.0.

## **15.0 SUBMISSION OF BIDS**

- 15.1 The Bids will be submitted physically in tender box in the office of GM (Traction/E&M), JMRC according to the date/time/place specified in NIB.
- 15.1.1 All pages of the Bid document and the addendums/amendments uploaded by the Jaipur Metro Rail Corporation on the website [www.jaipurmetrorail.in](http://www.jaipurmetrorail.in) or [www.sppp.raj.nic.in](http://www.sppp.raj.nic.in) shall be deemed to have been initialled and accepted by the persons signing the bid when they submit their bid.
- 15.1.2 The documents listed in ITB clause along with the addendums uploaded till the date of Bid of submission, shall be filled by the Bidders to bind the Bidders to the contract. All the pages of the Bid documents shall be signed by the bidder.
- 15.1.3 All omissions in the schedule of prices, must be serially numbered and attested by the Bidders at every page, as also by the officers opening the Bids, so as to make further disputes impossible on the score.
- 15.1.4 All Bid is which any of the prescribed conditions are not fulfilled or which have been vitiated by errors in calculations, totalling or other discrepancies or which contain over-writing in figures or words or corrections not initialled and dated, may be liable to rejection.

## **16.0 LATE BIDS**

- 16.1 Any Bid after the deadline prescribed for submission of Bids in NIB herein will not be received on website.

## **BID OPENING AND EVALUATION**

### **17.0 BID OPENING**

- 17.1 The duly authorized Committee of JAIPUR METRO RAIL CORPORATION will open the Bids in the presence of Bidders(s) or their authorized representative(s) who may choose to be present at the time of Bid opening, if the Bidders wishes. The Bids shall be opened in two stages. In first stage the Techno Commercial Bid (Envelope A) shall be opened and evaluated. The Price Bid shall be opened of responsive Bidders qualified by competent authority, at a later date, which will be informed to all responsive and qualified Bidders.
- 17.2 In first stage, Techno Commercial Bid of the Bids will be opened. The Bidders' names, the presence (or absence) of Earnest Money, and other details such as deviations proposed in Covering letter, financial & technical eligibility etc. will be announced by the Bid Opening Committee at the time of opening or same shall be available at the web-site.
- 17.3 Preliminary Examination of Bids, the contents of the Techno Commercial Bid, documents of the individual Bids will be examined summarily in order to assess their formal conformity and agreement with the instructions and guidance to the Bidders and the completeness. Any Bid not conforming to any of these requirements may be disqualified forthwith at the discretion of JAIPUR METRO RAIL CORPORATION.

### **18.0 PROCESS TO BE CONFIDENTIAL**

- 18.1 Except the public opening of Bid, information relating to the examination, clarification, evaluation and comparison of Bids and recommendations concerning the award of Contract shall not be disclosed to Bidders or other persons not officially concerned with such process.
- 18.2 Any effort by a Bidders to influence the Employer/Engineer in the process of examination, clarification, evaluation and comparison of Bids and in decisions concerning award of contract, may result in the rejection of the Bid.

### **19.0 CLARIFICATION OF BIDS**

- 19.1 To assist in the examination, evaluation and comparison of Bids, the Engineer / Employer may ask Bidders individually for clarification of their Bids, including breakup of prices. The request for clarification and the response shall be in writing or by telefax but no change in the price or substance of the Bid shall be sought, offered or permitted except as required to confirm correction of arithmetical errors discovered by the Engineer during the evaluation of Bids in accordance with Clause 22.0 herein.

### **20.0 DETERMINATION OF RESPONSIVENESS**

- 20.1 Prior to the detailed evaluation of Bids, the authorised committee of JMRC will determine whether each Bid is responsive to the requirements of the Bid documents.
- 20.2 For the purpose of this Clause, a responsive Bid is one which confirms to all the terms, conditions and specifications of the Bid documents without material deviation or reservation. "Deviation" may include exceptions, exclusions & qualifications. A material deviation or reservation is one which affects in any substantial way the scope, quality, performance or administration of the works to be undertaken by the Bidders under the Contract, or which limits in any substantial way, the Employer's rights or the Bidders

obligations under the Contract as provided for in the Bid documents and / or is of an essential condition, the rectification of which would affect unfairly the competitive position of other Bidders presenting substantially responsive Bids at reasonable price.

- 20.3 If a Bid is not substantially responsive to the requirements of the Bid documents, it will be rejected by the Employer, and will not subsequently be permitted to be made responsive by the Bidders by correction or withdrawal of the non-conformity or infirmity. However minor clarification if required may be asked from the Bidders.
- 20.4 The decision of the Engineer/Employer as to which of the Bids are not substantially responsive or have impractical / methods or Programme for execution shall be final.

## **21.0 EVALUATION OF BID**

**21.1 The Employer will, keeping in view the contents of Clause 1.3 and 8.1.1, carry out Techno Commercial Evaluation of submitted Techno Commercial Bid to determine that the Bidders has a full comprehension of the work of the contract. Where a Bidders Techno Commercial proposals submitted has a major inadequacy his Bid will be considered to be non-complaint and will be rejected.**

21.2 Technically acceptable Bids will be eligible for consideration of their financial proposals (Price Bid Envelope ó B).

21.3 The evaluation of financial proposals by the Employer / Engineer will take into account, in addition to the Bid amounts, the following factors:

- a. Arithmetical errors corrected by the Employer/Engineer in accordance with Clause 22.0
- b. Such other factors of administrative nature as the Employer/Engineer may consider to have a potentially significant impact on contract execution, price and payments, including the effect of items or unit rates that are unbalanced or unrealistically priced.

21.4 Offers, deviations and other factors, which are in excess of the requirements of the Bid documents or otherwise will result in the accrual of unsolicited benefits to the Employer, shall not be taken into account in Bid evaluation.

21.5 Price adjustment provisions applicable during the period of execution of the contract shall not be taken into account in Bid evaluation.

21.6 Evaluation of financial proposal will be based on pricing schedule/quantities in Bill of Quantity (BOQ) and rates quoted. Any alteration in BOQ will not be given any cognizance.

21.7 The duly authorized Engineer / Committee reserves the right to ask for submission of the source of procurement for the materials for which the bidder has quoted his rates before the bid can be considered for acceptance. If the bidder, who is called upon to do so, does not submit within a reasonable time of written order to do so, JAIPUR METRO RAIL CORPORATION shall be at liberty to forfeit the said earnest money absolutely.

## **22.0 CORRECTION OF ERRORS**

22.1 The original financial Bid or the revised financial Bid as the case may be, of all qualified bidders determined responsive will be opened at a date notified to all qualified bidders. The authorized Bid opening committee of JAIPUR METRO RAIL CORPORATION, Jaipur will open the price bid. Errors will be corrected by the Employer / Engineer as follows:

- a. Where there is a discrepancy between amounts in figures and in words, the amount in words will govern; and
- b. Where there is a discrepancy between the unit price and the total amount derived from the multiplication of the unit price and the quantity, the unit price as quoted will normally govern unless in the opinion of the Employer / Engineer there is an obviously gross misplacement of the decimal point in the unit price, in which event, the total amount as quoted will govern.

22.2 If a Bidder does not accept the correction of errors as outlined above, his Bid will be rejected and the Bid Security forfeited.

## **AWARD OF CONTRACT**

### **23.0 AWARD CRITERIA**

23.1 Subject to Clause 9.3 and 21.0, the Employer will award, the Contract to the Bidders, whose Bid has been determined to be substantially responsive, technically & financially suitable, complete and in accordance with the Bid documents.

### **24.0 EMPLOYER'S RIGHT TO ACCEPT ANY BID AND TO REJECT ANY OR ALL BIDS**

- 24.1 Notwithstanding Clause 23.0, the Employer reserves the right to accept or reject any Bid, and to annul the Bid process and reject all Bids, at any time prior to award of Contract,
- 25.0 NOTIFICATION OF AWARD**
- 25.1 Prior to the expiry of the period of Bid validity prescribed by the Engineer/Employer, the Engineer/Employer will notify the successful Bidders by telegram or telefax, to be confirmed in writing by registered letter, that his Bid has been accepted. This letter (hereinafter and in the Conditions of Contract called 'the Letter of Acceptance') shall name the sum which the Employer will pay to the Contractor in consideration of the execution, completion of the works by the Contractor as prescribed by the Contract (hereinafter and in the conditions of Contract called the Contract Price'). The 'Letter of acceptance' will be sent in duplicate to the successful Bidders, who will return one copy to the Employer duly acknowledged and signed by the authorized signatory, within three days of receipt of the same by the him. No correspondence will be entertained by the Employer from the unsuccessful Bidders.
- 25.2 The Letter of Acceptance will constitute a part of the contract.
- 25.3 Upon 'Letter of acceptance' being signed and returned by the successful Bidders as per Clause 25.1, the employer will promptly notify the unsuccessful Bidders and discharge / return their Bid securities.
- 26.0 SIGNING OF AGREEMENT**
- 26.1 The Employer shall prepare the Agreement in the Performa (Form E) included in this Document, duly Incorporating all the terms of agreement between the two parties. Within 45 days from the date of issue of the letter of acceptance, the successful Bidders will be required to execute the Contract Agreement (or just after clearance of performance guarantee by bank).
- 27.0 PERFORMANCE SECURITY**
- 27.1 Within 30 days of receipt of the letter of Acceptance the successful Bidders shall furnish performance Security @ 10% of the estimated cost, as per clause 4.2 of General Conditions of Contract. If bidder choose to submit BG as performance security, the form of Bank Guarantee should be as per Form D of ITB.
- 27.1.1 The Bank guarantee (BG) submitted by the contractor should be sent to GM (Traction/E&M), JMRC, IInd Floor, RSIC Wing, Udyog Bhawan, Tilak Marg, Jaipur 302005 by the issuing bank under Registered Post.
- 27.1.2 In case the original BG is submitted through the contractor, the issuing bank should requested to immediately send by Registered Post an unstamped duplicate copy of the bank guarantee directly to GM (Traction/E&M), JMRC, IInd Floor, RSIC Wing, Udyog Bhawan, Tilak Marg, C- Scheme Jaipur 302005
- 28.0 Cancellation OF Letter of Acceptance (LOA) and Form of Bid**
- 28.1 In case successful Bidders fails to commence the work (for whatsoever reasons) as per terms and conditions of Bid after issuance of LOA then the LOA shall be cancelled and the Bid security shall be forfeited.
- 29.0 Pre-Bid Conference**
- 29.1 A Pre-Bid Conference shall be held on the date and location given in the NIB.
- 29.2 The purpose of conference will be to clarify issues and to answer the question on any matters that may be raised at that stage.
- 29.3 The bidder is requested to submit any question in writing or fax or email, to reach the employer not later than the last date of seeking clarification as mentioned in NIB.
- 29.4 The text of the question raised by the bids and the response given will be transmitted without delay to all purchasers of the bid documents. Any modification of bid documents which may become necessary as result of the Pre-Bid Conference shall be made by the employer exclusively by the issue of any Addendum/clarification/ corrigendum.
- 29.5 Nonattendance at the Pre-Bid Conference will not be a cause for disqualification of a bidder.



**CHECK LIST OF DOCUMENTS TO BE SUBMITTED WITH THE BID  
COMPILED FROM THE PROVISIONS IN THIS VOLUME**

Sl. No.	Document	No. of sets to be submitted	Reference to Clause No. of Instructions to Bidders
	<b>BID PACKAGE COMPRISING OF:</b>		
1	Bid documents including addendums/amendments – <b>In Envelope A</b>	One in Original	8.1.1
2	Power of attorney for individuals signing on behalf of Company/Firm or Power attorney in favour of the leading member of Joint venture/Consortium – <b>In Envelope A</b>	One in Original	13.0
3	Bid cost instrument (Non refundable) (in case of downloaded tender) – <b>In Envelope A</b>	One in Original	1.1 & 8.1.1 (a)
4	Bid security instrument ó <b>In Envelope A</b>	One in Original	8.1.1 (b) & 12.0
5	Annexure B, A1, B1 – <b>In Envelope A</b>	One in Original	8.1.1 (d) (vi)
6	Form T-I, T-II, T-V – <b>In Envelope A</b>	One set in Original	8.1.1
7	i. PAN No. as per Income tax act ii. Sales Tax Clearance certificate/VATCC and registration with contract cell of Sales Tax Department as per óRajasthan Sales Tax Actö iii. PF registration No. iv. Service Tax registration No. – v. Valid Electrical license to work in Rajasthan.	} <b>In Envelope A</b>	Self Attested Copy  8.1.1 (c)
8	Statement of deviations from Bid Documents (Form C) – <b>In Envelope A</b>	One in Original	8.1.1 (e) & 20.2
9	Form of Bid and Appendix thereof (Form A) – <b>In Envelope A</b>	One in Original	8.1.1 (i)
10	Copies of all the documents to satisfy the eligibility criteria – <b>In Envelope A</b>	Self Attested Copies	8.1.1 (j)
11	Undertaking regarding eligibility criteria – <b>In Envelope A</b>	One set	8.1.1 (k)
12	Any other documents, contractor deem fit but not the financial Bid – <b>In Envelope A</b>	Self Attested Copies	8.1.1 (m)
13	Bill of Quantities – <b>In Envelope B</b>	One in Original	8.1.2 & 8.2

**INDEX ON  
PROFORMA OF FORMS**

**1. PROFORMA OF FORMS GENERAL**

(Items (iv) (v) applicable only for successful Bidders)

FORM

- |      |  |   |
|------|--|---|
| i.   | Form of Bid with Appendix                        | A |
| ii.  | Performa for Statement of Deviations             | C |
| iii. | Form of Performance Security (Guarantee) by Bank | D |
| iv.  | Form of Agreement                                | E |

**2. PROFORMA OF FORMS - QUALIFICATION PARTICULARS**

FORM

- |     |                     |      |
|-----|---------------------|------|
| i.  | General Information | T-I  |
| ii. | Experience Record   | T-II |
| v.  | Financial Data      | T-V  |

**FORM OF BID**

- Note
- i. The Appendix forms part of the Bid
  - ii. Bidders are required to fill up all the blank spaces in this Form of Bid and Appendix.

**Name of Work : "Rate Contract for Miscellaneous Electrical Works in JMRC"**

To,

**GM (Traction/E&M),  
JMRC, II<sup>nd</sup> Floor, RSIC Wing,  
Udyog Bhawan, Tilak Marg,  
C- Scheme Jaipur 302005**

1. Having visited the site and examined the General Conditions of Contract as well as Special Conditions of Contract, Specifications, Instructions to Bidders, for the execution of above named works, we the undersigned, offer to execute and complete such works and remedy defects therein in conformity with the said Conditions of Contract, Specifications, and Addenda for the amount indicated in BOQ.
2. We acknowledge that the Appendix forms an integral part of the Bid.
3. We undertake, if our Bid is accepted, the time of completion of contract is one year which may be extended further for 6 months on mutual acceptance on same terms and conditions of contract.
4. If our Bid is accepted, we will furnish at our option a Performance security for the due performance of the Contract. The amount and form of such security will be in accordance with Clause 4.2 of the General Conditions of the Contract.
5. We have independently considered the Clauses of the General Conditions of Contract as liquidated damages and agree that they represent a fair estimate of the damages likely to be suffered by you in the event of the work not being completed in time.
6. We agree to abide by this Bid for a minimum period of 90 days (for subsequent years, as per clause 11.0 of ITB) from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiry of that period or any extended period mutually agreed to.
7. Unless and until a formal Agreement is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.
8. We declare that the submission of this Bid confirms that no agent, middleman or any intermediary has been, or will be engaged to provide any services, or any other item of work related to the award and performance of this Contract. We further confirm and declare that no agency commission or any payment, which may be construed as an agency commission has been, or will be, paid and that the Bid price does not include any such amount.
9. We acknowledge the right of the Employer, if he finds to the contrary, to declare our Bid to be non-compliant and if the Contract has been awarded to declare the Contract null and void.
10. We understand that you are not bound to accept the lowest or any Bid you may receive.
11. If our Bid is accepted we understand that we are to be held solely responsible for the due performance of the Contract.

Dated this .....day of..... 2014

Signature

Name.....in the capacity of.....duly authorised to sign

Bids for and on behalf of .....

Address .....

Witness - Signature .....

Name .....

Address .....

Occupation .....

**APPENDIX TO THE FORM OF BID**

Condition of  
Contract/  
Clause No.

- i. Amount of Bank Guarantee as Performance Security      Clause 27 of ITB/clause 4.2 of GCC
- ii. Contract Period      As per NIB
- iii. Penalty for Non completion of work or poor quality of work      Clause 15.4 of SCC

Signature of authorized  
Signatory on behalf of Bidders

Date.....  
Place.....

Name.....  
Address.....

**PROFORMA FOR STATEMENT OF DEVIATIONS**

1. The following are the particulars of deviations from the requirements of the Bid specifications.

S. No.	Clause	Deviations	Remarks (including justification)	Price adjustment for withdrawal of each deviation/s

The following are the particulars of deviations from the requirements of the Instruction to Bidders, General Condition of Contract and Special Conditions of Contract.

S. No.	Clause	Deviations	Remarks (including justification)	Price adjustment for withdrawal of each deviation/s

Signature of Bidders

**NOTE**

- Where there is no deviation, the statement should be returned duly signed with an endorsement indicating "No Deviations".
- The Bidders shall indicate price adjustment against each deviation, which he shall like to add to the Bid price for withdrawing unconditionally his deviations if the same are unacceptable to the Employer.

**FORM OF PERFORMANCE SECURITY (GUARANTEE) BY BANK****(Refer Clause 27.0 of "Instructions to Bidders")**

1. This deed of Guarantee made this day of \_\_\_\_\_ 2014 between Bank of \_\_\_\_\_ (hereinafter called the "Bank") of the one part, and Jaipur Metro Rail Corporation Limited (hereinafter called "the Employer") of the other part.
2. Whereas Jaipur Metro Rail Corporation limited has awarded the contract for -"**Rate Contract for Miscellaneous Electrical Works in JMRC**" of Jaipur Metro Rail corporation (hereinafter called "the Contract") to M/s \_\_\_\_\_ (Name of the Contractor) (hereinafter called "the Contractor")
3. AND WHEREAS the Contractor is bound by the said Contract to submit to the Employer a Performance Security for a total amount of Rs. \_\_\_\_\_ (Amount in figures and words).
4. Now we the Undersigned \_\_\_\_\_ (Name of the Bank) being fully authorized to sign and to incur obligations for and on behalf of and in the name of \_\_\_\_\_ (Full name of Bank), hereby declare that the said Bank will guarantee the Employer the full amount of Rs. \_\_\_\_\_ (Amount in figures and Words) as stated above.
5. After the Contractor has signed the aforementioned Contract with the Employer, the Bank is engaged to pay the Employer, any amount up to and inclusive of the aforementioned full amount upon written order from the Employer to indemnify the Employer for any liability of damage resulting from any defects or shortcomings of the Contractor or the debts he may have incurred to any parties involved in the Works under the Contract mentioned above, whether these defects or shortcomings or debts are actual or estimated or expected. The Bank will deliver the money required by the Employer immediately on demand without delay without reference to the Contractor and without the necessity of a previous notice or of judicial or administrative procedures and without it being necessary to prove to the Bank the liability or damages resulting from any defects or shortcomings or debts of the Contractor. The Bank shall pay to the Employer any money so demanded notwithstanding any dispute/disputes raised by the Contractor in any suit or proceedings pending before any Court, Tribunal or Arbitrator/s relating thereto and the liability under this guarantee shall be absolute and unequivocal.
6. This Guarantee is valid for a period of **18 Months** from the date of signing of the agreement.
7. At any time during the period in which this Guarantee is still valid, if the Employer agrees to grant a time extension to the Contractor or if the Contractor fails to complete the Works within the time of completion as stated in the Contract, or fails to discharge himself of the liability or damages or debts as stated under Para 5, above, it is understood that the Bank will extend this Guarantee under the same conditions for the required time on demand by the Employer and at the cost of the Contractor.
8. The Guarantee hereinbefore contained shall not be affected by any change in the Constitution of the Bank or of the Contractor.
9. The neglect or forbearance of the Employer in enforcement of payment of any moneys, the payment whereof is intended to be hereby secured or the giving of time by the Employer for the payment thereof shall in no way relieve the bank of their liability under this deed.
10. The expressions "the Employer", "the Bank" and "the Contractor" hereinbefore used shall include their respective successors and assigns.

In witness whereof I/We of the bank have signed and sealed this guarantee on the \_\_\_\_\_ day of \_\_\_\_\_ (Month) 2013 being herewith duly authorized.

For and on behalf of the \_\_\_\_\_ Bank.

Signature of authorized Bank official

Name :

Designation : I.D. No : .....

Stamp/Seal of the Bank : .....

Signed, sealed and delivered

for and on behalf of the Bank

by the above named \_\_\_\_\_

In the presence of :

Witness 1.           Signature .....

                          Name .....

                          Address .....

Witness 2.           Signature .....

                          Name.....

                          Address.....

**FORM OF AGREEMENT**  
**(Refer Clause 26.0 of “Instructions to Bidders”)**

This Agreement is made on the \_\_\_\_\_ day of \_\_\_\_\_ 2014 Between Jaipur Metro Rail Corporation Limited, Khanij Bhawan, Tilak Marg, C- Scheme Jaipur- 302005 hereinafter called “the Employer” of the one part and \_\_\_\_\_ (Name and Address of Contractor) hereinafter called “the Contractor” of the other part.

Whereas the Employer is desirous that certain Works should be executed, viz “**Rate Contract for Miscellaneous Electrical Works in JMRC**” of Jaipur Metro Rail corporation Limited hereinafter called “the Works” and has accepted a Bid by the Contractor for the execution and completion of such works (as well as guarantee of such works) and the remedying of defects therein.

**Now THIS AGREEMENT WITNESSETH as follows:**

1. In this Agreement words and expression shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz:
  - (a) Letter of acceptance
  - (b) General Conditions of Contract
  - (c) Special Conditions of Contract
  - (d) Notice Inviting Bid
  - (e) Specifications
  - (f) Bill of Quantities
  - (g) Form of Bid with Appendix
  - (h) Addendums, if any
  - (i) Other conditions agreed to and documented as listed below:
    - (i) Statement of deviations (if applicable)
    - (ii) Any other item as applicable
3. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the works by \*\*\_\_\_\_\_ and remedy any defects therein in conformity in all respects with the provisions of the Contract.
4. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the works and the remedying of defects therein, the Contract Price of \*\*Rs\_\_\_\_\_ being the sum stated in the letter of acceptance subject to such additions thereto or deductions there from as may be made under the provisions of the Contract at the times and in the manner prescribed by the Contract.
5. **OBLIGATION OF THE CONTRACTOR**  
 The contractor shall ensure full compliance with tax laws of India with regard to this contract and shall be solely responsible for the same. The contractor shall submit copies of acknowledgements evidencing filing of returns every year and shall keep the Employer fully indemnified against liability of tax, interest, penalty etc. of the contractor in respect thereof, which may arise.



6. JURISDICTION OF COURT

The Courts at JAIPUR shall have the exclusive jurisdiction to try all disputes arising out of this agreement between the parties.

IN WITNESS WHEREOF the parties hereto have caused their respective Common Seals to be hereunto affixed / (or have hereunto set their respective hands and seals) the day and year first above written.

For and on behalf of the Contractor

For and on behalf of the Employer

Signature of the authorized official

Signature of the authorized official

Name of the official

Name of the official

Stamp/Seal of the Contractor

Stamp/Seal of the Contractor

SIGNED, SEALED AND DELIVERED

By the said \_\_\_\_\_

By the said \_\_\_\_\_

Name \_\_\_\_\_

Name \_\_\_\_\_

on behalf of the Contractor in the presence of  
Witness \_\_\_\_\_

on behalf of the Employer in the presence of  
Witness \_\_\_\_\_

Name \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

Address \_\_\_\_\_

Note :

\* To be made out by the Employer at the time of finalization of the Form of Agreement.

\*\* Blanks to be filled by the Employer at the time of finalization of the Form of Agreement.



**EXPERIENCE RECORD**

## 1. Details of contract regarding electrical works etc.

Sl. No.	Period	Details of work completed	Total Cost of work in Rs.	Remarks
(1)	(2)	(3)	(4)	(5)

## Notes:

- (i) Details submitted in any other proforma will not be considered.
- (ii) The details of work including the cost of the work should be supported by self attested copy of each client's certificates issued by an officer not below the rank of Executive Engineer.
- (iii) Additional pages may be attached if required.
- (iv) All the pages must be signed by the authorized signatory of the Bidders.

**FINANCIAL DATA****(Refer Clause 8.1.1)**

Total value of Contract for Electrical Works during the period 2011-2012 to 2013-2014

<b>No.</b>	<b>Description</b>	<b>Year 2011-2012</b>	<b>Year 2012-2013</b>	<b>Year 2013-2014</b>
<b>(1)</b>	<b>(2)</b>	<b>(3)</b>	<b>(4)</b>	<b>(5)</b>
1.	Total Value of work done			

**FINANCIAL DATA**  
(Refer Clause 8.1.1)

Name of the applicant (constituent member in case of Group)	Total number of works in hand	Number of contracts of each type		Number for which applicant went in for		Number of contracts in which date of completion given in the original has already burst	**Total value of balance works yet to be done in Rupee equivalent as on 31/03/2014		
				Arbitration	litigation		2011-2012	2012-2013	2013-2014

\* Applicant should provide information on their current commitments or all contracts that have been awarded or for which a letter of intent or acceptance has been received or for contracts approaching completion but for which a completion certificate is yet to be issued.

\*\* This figure should also include the year-wise break-up of part value of works to be executed in the two years period (2009-2011) even if completion of such works spills over beyond this two years period (2008-2010).

**SECTION - 4**  
**SPECIAL CONDITIONS OF CONTRACT**

**CONTENTS**

<b>Special Conditions of Contract</b>	
<b>Clause</b>	<b>Description</b>
1.	Special Attention
2.	Right Of Way
3.	Coordination With Other Contractors.
4.	Sufficiency Of Bid
5.	Notices And Instructions
6.	Responsibility For Specifications, Design And Drawings
7.	Supply Of Materials, Tools And Equipment By The Employer
8.	Use And Care Of Site
9.	Duties, Taxes, Octroi, Royalty Etc.
10.	Sales Tax Clearance Certificate
11.	Housing Facilities
12.	Supply Of Water And Electric Power
13.	Access Roads And Haul Roads
14.	Deduction To Be Made From The Contractors Bill
15.	Security Measures
16.	Ecological Balance
17.	Payment
18.	Noise and Disturbance/Pollution.
19.	Advances
20.	Price Variation
21.	Insurance Cover
22.	Right to vary quantity
23.	Provisions for Operation of Rate Contract
24.	Defect Liability Period (DLP) Terms and Conditions
25.	Refund of Performance Guarantee

## SPECIAL CONDITIONS OF CONTRACT

### 1.0 SPECIAL ATTENTION

1.1 The Contract will be awarded to the Bidders whose responsive Bid is determined to be the lowest evaluated Bid and who satisfies the appropriate standards of capacity and financial resources. Clause 23.0 and 24.0 of Instructions to Bidders may be referred to in this connection.

1.2 Rates should be quoted in a such a way that last three digit of estimated cost of items does not match with last three digits of quoted rates of that items. This has been done to avoid tie.

### 2.0 RIGHT OF WAY

Right of way (within JMRC land) to the work site will be provided to the Contractor.

### 3.0 COORDINATION WITH OTHER CONTRACTORS

The contractor for this package shall plan and execute work in coordination and in co- operation with other contractors working for adjacent/other packages,

### 4.0 SUFFICIENCY OF BID

4.1 The Bidders shall be entirely responsible for sufficiency of rates quoted by him in his Bid.

4.2 The Contractor (Successful Bidders) shall be paid for only at quoted/accepted rates for the activities given in the schedule of work Annexure - A.

### 5.0 NOTICES AND INSTRUCTIONS

5.1 The Contractor shall furnish to the Employer/Engineer the postal address of his office at JAIPUR. Notice or instructions to be given to the Contractor under the terms of the contract shall be deemed to have been served on him if it has been delivered to his authorised agent or representative at site or if it has been sent by registered post to the office, or to the address of the firm last furnished by the Contractor.

### 6.0 RESPONSIBILITY FOR SPECIFICATIONS

#### 6.1 Specifications

One copy of specifications shall be supplied to the Contractor. The Contractor shall promptly inform the Engineer of any error, omission, fault and other defects in the Specifications, which are discovered when reviewing the Contract Documents or in the process of execution of the Works.

### 7.0 SUPPLY OF MATERIALS TOOLS, AND EQUIPMENT BY THE EMPLOYER

7.1 No material, tools, and equipment shall be supplied by the Employer. The Contractor has to arrange all tools, equipment, nothing extra shall be payable to the Contractor on this account. The contractor should have the capacity to keep the equipments in good fettle.

### 8.0 USE AND CARE OF SITE

8.1 The Contractor shall not demolish, remove or alter structures or other facilities on the site without prior approval of the in-charge.

8.2 All garbage/debris shall be removed from site as they accumulate. All garbage/debris shall be disposed to the approved Jaipur Nagar Nigam locations in covered position. The transportation for disposing the debris shall also be arranged by the contractor. The Waste disposal shall be done in sealed condition without affecting the Environment.

8.3 All Electrical Works shall be done under the supervision of an authorized representative of JMRC.

8.4 Accidents; - It shall be the entire responsibility of the contractor to adopt all the safety measures in deploying personnel who are adequately trained in safety. If any accident occurs due to negligence on the part of the contractor's personnel, it shall be the full responsibility of the contractor.

### 9.0 DUTIES, TAXES, OCTROI, ROYALTY ETC

9.1 The rates quoted by the Bidders for all materials, required to be purchased for the satisfactory performance of this contract, shall be deemed to be inclusive of all duties, taxes, octroi, royalties, rentals etc.

9.2 The Contractor shall ensure full compliance with tax laws of India with regard to this contract and shall be solely responsible for the same.

### 10.0 SALES TAX CLEARANCE CERTIFICATE

10.1 If the Contractor is a Sales Tax / VAT assesses, he should produce a valid Sales Tax / VAT Clearance Certificate before payment of final bill; otherwise, final payment to the Contractor will be withheld.

10.2 If the Contractor is not liable to Sales Tax assessment, a certificate to this effect from a competent Sales Tax authority shall be produced before payment of final bill. Otherwise final payment to the Contractor will be withheld.

#### **11.0 HOUSING FACILITIES**

11.1 The Contractor shall have to make his own arrangements for housing facilities for his staff

#### **12.0 SUPPLY OF WATER AND ELECTRICITY**

12.1 The Employer shall make arrangements for Water supply and Electricity necessary for the Works.

12.2 The contractor shall make his own arrangements to tap the Electricity from the nominated sockets / points. The contractor shall tap the Electricity as per IE Rules IE Act (Latest) duly following all safety precautions. The contractor shall submit full scheme for the requirement of Electricity/Water. If scheme mentions Electricity requirement which is beyond the capacity of the Employer, in that case the contractor shall make his own arrangements / alternative arrangements.

12.3 The Contractor should make his own arrangements to draw the water from the available water point to the working place in such a manner without affecting the premises.

12.4 The Contractor should make his own arrangements for Electricity and Water if the Employer fails to provide Electricity and Water supply due to technical or any other reasons beyond the control of the Employer.

#### **13.0 ACCESS ROADS AND HAUL ROADS**

The Contractor shall repair any damage to the road or bear the cost thereof due to movement of contractor's plants and equipment, vehicles etc. to the specifications and satisfaction of road authorities as well as of Engineer.

#### **14.0 DEDUCTIONS TO BE MADE FROM CONTRACTORS BILL**

14.1 Tax deduction at source from each on-account progress bill shall be made by the employer as per the provisions of the statutes/acts of statutory bodies/local authorities etc.

#### **15.0 SECURITY MEASURES**

15.1 Security arrangements for the work shall be in accordance with general requirements and the Contractor shall confirm to such requirements and shall be held responsible for the action or inaction on the part of his staff, employees.

15.2 Contractors employees and representatives shall wear Identification Badges (cards), uniforms, helmets, gum boots other safety/protection wear as directed by in charge, and to be provided by the Contractor. Badges shall identify the Contractor and show the employees name and number and shall be worn at all times while at site.

15.3 Only authorized staff of Contractor having proper photo Identity Card issued by the contractor and with Permission granted by JMRC, shall be permitted to work for contract for electrical works.

#### **16.0 ECOLOGICAL BALANCE**

16.1 The Contractor shall maintain ecological balance by preventing deforestation, water pollution and defacing of natural landscape. The Contractor shall, so conduct his works, as to prevent any avoidable destruction, scarring or defacing of natural surrounding in the vicinity of work. In respect of ecological balance, the Contractor shall observe the following instructions.

- a) Where destruction, scarring, damage or defacing may occur as a result of electrical works, the same shall be repaired, replanted or otherwise corrected at Contractors expense. All work areas shall be smoothed and graded in a manner to confirm to natural appearance of the landscape as directed by the Engineer.
- b) All trees and shrubbery, which are not specifically required to be cleared or removed for works purposes, shall be preserved and shall be protected from any damage that may be caused by Contractors works and equipment. The removal of trees or shrubs will be permitted only after prior approval by the Incharge. Trees shall not be used for anchorage. The Contractor shall be responsible for injuries to trees and shrubs caused by his works. The term injury shall include, without limitation, bruising, scarring, tearing and breaking of roots, trunks or branches. All injured trees and shrubs shall be restored as nearly as practicable, without delay, to their original condition at Contractor's expenses.
- c) In the conduct of electrical activities and operation of equipment, the Contractor shall utilize such practicable methods and devices as are reasonably available to control, prevent and otherwise minimize air/noise pollution.



16.2 Separate payment shall not be made for complying with provisions of this clause and all cost shall be deemed to have been included in the price in the Bill of Quantities.

#### **17.0 PAYMENT**

17.1 For the purpose of On-account payment, the contractor shall submit detailed activities carried out as per BOQ recorded in Measurement sheets, Abstract sheets along with recorded bill for the item actually executed for checking and payment. Payment will be effected based on unit rates as approved in the Bill of Quantities.

17.2 The payment shall be made after satisfactory completion of individual work.

17.3 If any work/item not carried out as per the specification of the work the proportion amount will be deducted from the bill. If the work carried out through other agency under the intimation to contractor and the charges incurred on it will be deducted from the contractor's bill.

17.4 The contractor shall submit necessary documents and Bill in the standard format for payment.

#### **18.0 NOISE AND DISTURBANCE/POLLUTION**

18.1 All works shall be carried out without unreasonable noise and disturbance. The Contractor shall indemnify and keep indemnified the Employer from and against any liability for damages on account of noise or other disturbance created while carrying out the work, and from and against all claims, demands, proceedings, damages, costs, charges, and expenses, whatsoever, in regard or in relation to such liability.

Subject and without prejudice to any other provision of the Contract and the law of the land and its obligation as applicable, the Contractor shall take all reasonable precautions.

#### **19.0 ADVANCES**

No advances shall be paid to the Contractor

#### **20.0 PRICE VARIATION CLAUSE**

No price variation during the agreement period / extended period of agreement.

#### **21.0 Contractor shall be responsible for insurance cover under the following requirements:**

- a) All of the contractor staff shall have to be covered under ESI. The Contractor shall take insurance policy as specified in the workmen's compensation act for the contractor's staffs are not covered by the ESI and shall arrange ESI coverage on priority.
- b) The contractor shall insure against liability to third parties in the joint name of the Employer, and the contractor for any loss, damage, death or injury which may occur to any physical property (except things insured otherwise) or any person (except person insured by employer), staff of other contractor working in the premises, which may arise out of the performance of the contract.

#### **22.0 Right to vary quantity –**

- 1) At the time of award of contract, the quantity of goods/ works originally specified in the bidding documents may be increased, but such increase shall not exceed twenty percent of the quantity specified in the bidding documents. It shall be without any change in the unit prices or other terms and conditions of the bid and the bidding documents.
- 2) If the procuring entity does not procure any subject matter of procurement or procures less than the quantity specified in the bidding documents due to change in circumstances, the bidder shall not be entitled for any claim or compensation except otherwise provided in the bidding documents.
- 3) Repeat orders for extra items or additional quantities may be placed, on the same rates and conditions given in the contract. Delivery or completion period may also be proportionately increased. The limits of repeat order shall be as under
  - a. 50 % of the quantity of the individual items and 20 % of the value of original contract in case of works.

#### **23.0 Provisions for Operation of Rate Contract -**

23.1 This is a running rate contract which shall be valid for one year from the date of award/ LOA of rate contract. However the validity of rate contract may be extended for further six months on mutual consent of contractor and JMRC at the same terms and conditions.

23.2 Formal agreement shall be signed after unconditional acceptance of award letter by contractor.

23.3 The work is to be carried out anywhere in Jaipur city in the jurisdiction of JMRC.

23.4 This is a running rate contract so JMRC shall give Letter of Indent (LOI) to execute the miscellaneous electrical works as and when required during the currency of contract. The contractor has to execute the given works as per the specifications and running contractor's bills shall be paid by JMRC. The proper account of the work done item-wise/LOI shall be maintained in a register by DGM (Traction/E&M).

- 23.5 The firm has to submit field service report of the work done duly signed by the designated staff of JMRC.
- 23.6 Contractor should handover the material as well as inventories to the concerned department of JMRC. All the material will be under the charge of contractor till it is completed and handed over. Safe custody of material shall be the firms responsibility even if any running payments have been made for material brought at site or installed. However, no material shall be removed from site without written permission of Engineer in charge.
- 23.7 It is the duty of the contractor to get the layout drawing from the Manager/JMRC well in time after receipt of the LOI/ requisition of the work. Contractor should submit the final as built drawing before final payment of the individual work.
- 23.8 Minor repair/dismantling of civil work etc. should be done by the contractor without any extra cost.
- 23.11 Contractor should make liaison with concerned department/other contractor for execution of work.
24. **Defect Liability Period (DLP) Terms and Conditions -**
- 24.1 The DLP is six month for the individual works which shall be reckoned from the date of completion of the individual work as recorded by the Engineer - in-charge.
- 24.2 The defects related with inferior quality of goods/ workmanship, according to the specification of the works, shall be covered under DLP.
- 24.3 **Repair and replacement :** The items covered under DLP shall be replaced and/or repaired as directed by the Engineer-in-charge without any extra cost.
- 24.4 **Time Period for Repair/Replacement :** The Engineer-in-charge soon after defect arises shall notify to the contracting agency and/or his authorized representative on phone and in writing for rectification of the defect within the prescribed period which may be in hours/days and depends on the gravity and severity of defect.
- 25 **Refund of Performance Guarantee –**  
The performance guarantee shall be refunded after six months of the completion date of rate contract as recorded by Engineer-in- charge.

## Section - 5

### SPECIFICATIONS FOR ELECTRICAL WORKS

1. The work shall be carried out as per the nomenclature of items in BSR for Electrical Works 2013 of Public Works Department (PWD), Rajasthan. The contractor should follow the Current Specifications in Rajasthan PWD Electrical Works and latest IS Standards and Indian Electricity Rules as amended up to date.
2. The work shall be supervised by a qualified overseer/ engineer.
3. The layout of the work will be given by the Engineer-in-charge or his duly authorized representative at site of work.
4. The Accessories/Materials used should be of approved makes as per BSR 2013 of PWD Rajasthan.
5. Wiring shall be done with color coding as per specification and ferruling should be done for light and power circuit at both distribution board ends and at switch board without extra cost.
6. All the sample of the material/ accessories/wiring etc is to use on the work should be got approved form the Engineer-in-charge before using on the work. Any inferior material found used at the site will have to be replaced by the contractor at this own cost. Proper quality and workmanship is to be maintained by the Contractor.
7. The contractor shall submit the test reports of the items of the concerned manufactured if required and shall assist department in quality control test checking.
8. Any mistake/misprint in rates/nomenclature of item in BOQ shall be reckoned as per the BSR 2013 of PWD Rajasthan.
9. All conduit work will be carried out in recessed conduit/ surface conduit as per the direction of Engineer-in-charge.
10. Separate conduits shall be provided for followings.
  - a. Power plug wiring.
  - b. Light and Fan point wiring.
  - c. Emergency Light point wiring.
  - d. Telephone wiring.
  - e. Fire detection and alarm.
11. The contractor will have to give the following tests at his cost and intimate test results before final bills are paid. Nothing extra will be paid to him on this account.
  - a. Earth test.
  - b. Polarity test.
  - c. Insulation test.
  - d. Earth continuity test of recessed conduit.
12. Any damage done to the building by the contractor during the execution of work shall have to be made good at his cost & risk. If he does not it himself within a reasonable time as determined by the Engineer-in-charge the same will be got executed at his risk & cost departmentally after giving notice to him.
13. The circuit wiring at various places shall be kept minimum by taking the runs on walls.
14. All the sub distribution boards, sub main boards and main boards shall be sign written clearly indicating the number of distribution board, the type of load it is serving and the number of circuits contained in the distribution board.
15. While making the end connection of wires, no strand shall be out and the termination of wire shall be done with necessary lugs and ferrule by crimping method without any extra payment.
16. The termination of conduits etc. in the junction box to be provided above DB should be done by making proper holes instead of cutting the box.
17. The cable laying shall be as per Rajasthan PWD specification.
18. The route for the cable laying should be gets approved from the Engineer-in-charge.
19. All cable joints should be done in presence of Engineer-in-charge or his authorized representative. The LT joints should be done with crimping method and will make lugs/ferrules should only be used.

20. The measurement of the cable will be done from the top of the one cable an control box to the top of the other cable and box.
21. The earthing (wherever applicable) should be done in the presence of the Engineer-in-charge or his authorized representative.
22. Any damage done to the building during the erection will have to be made good to the entire satisfaction of Engineer-in-charge.
23. Under ground cable of 1.1 KV grade should be subjected to pressure/insulation test before & after laying to the same in the ducts and in case of unsatisfactory tests the cost of all repairs and replacement & all extra work of removal and relaying will have to be made good by the contractor at his own cost and risk.
24. Schedule of work should be carefully read before quoting if any deviation regarding any item is proposed should be clearly indicated in the tender particularly the type of the cable should be specified.

**Annexure-B**

**Certificate**

This is certify that the information/details given at the time of Techno-Commercial Bid in the Bid document for qualification for the work of “**Rate Contract for Miscellaneous Electrical Works in JMRC**” still holds good. If there is any change in the informations /details the same would be required to be submitted.

Signature of Bidders

Note:

1. If change is proposed in the personnel for the work the new personnel should be of same or higher calibers.
2. If change is proposed in the machinery and equipment for the work, the new machinery and equipment should be of same or higher capacity.
3. Irrespective of the above information as asked in various performs & otherwise in this Bid the information will have to be submitted.

### Compliance with the Code of Integrity and No Conflict of Interest

Any person participating in a procurement process shall -

- (a) not offer any bribe, reward or gift or any material benefit either directly or indirectly in exchange for an unfair advantage in procurement process or to otherwise influence the procurement process;
- (b) not misrepresent or omit that misleads or attempts to mislead so as to obtain a financial or other benefit or avoid an obligation;
- (c) not indulge in any collusion, Bid rigging or anti-competitive behavior to impair the transparency, fairness and progress of the procurement process;
- (d) not misuse any information shared between the procuring Entity and the Bidders with an intent to gain unfair advantage in the procurement process;
- (e) not indulge in any coercion including impairing or harming or threatening to do the same, directly or indirectly, to any party or to its property to influence the procurement process;
- (f) not obstruct any investigation or audit of a procurement process;
- (g) disclose conflict of interest, if any; and
- (h) disclose any previous transgressions with any Entity in India or any other country during the last three years or any debarment by any other procuring entity.

#### Conflict of Interest:-

The Bidder participating in a bidding process must not have a Conflict of Interest. A Conflict of Interest is considered to be a situation in which a party has interests that could improperly influence that party's performance of official duties or responsibilities, contractual obligations, or compliance with applicable laws and regulations.

i. A Bidder may be considered to be in Conflict of Interest with one or more parties in a bidding process if, including but not limited to:

- a. have controlling partners/ shareholders in common; or
- b. receive or have received any direct or indirect subsidy from any of them; or
- c. have the same legal representative for purposes of the Bid; or
- d. 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 Bid of another Bidder, or influence the decisions of the Procuring Entity regarding the bidding process; or
- e. the Bidder participates in more than one Bid in a bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all Bids in which the Bidder is involved. However, this does not limit the inclusion of the same subcontractor, not otherwise participating as a Bidder, in more than one Bid; or
- f. the Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the Goods, Works or Services that are the subject of the Bid; or
- g. Bidder or any of its affiliates has been hired (or is proposed to be hired) by the Procuring Entity as engineer-in-charge/ consultant for the contract.

Signature of Agency ( Authorized Signatory )

**Declaration by the Bidder regarding Qualifications****Declaration by the Bidder**

In relation to my/our Bid submitted to ..... for procurement of in response to their Notice Inviting Bids No.....Dated I/we hereby declare under Section 7 of Rajasthan Transparency in Public Procurement Act, 2012, that:

1. I/we possess the necessary professional, technical, financial and managerial resources and competence required by the Bidding Document issued by the Procuring Entity;
2. I/we have fulfilled my/our obligation to pay such of the taxes payable to the Union and the State Government or any local authority as specified in the Bidding Document;
3. I/we are not insolvent, in receivership, bankrupt or being wound up, not have my/our affairs administered by a court or a judicial officer, not have my/our business activities suspended and not the subject of legal proceedings for any of the foregoing reasons;
4. I/we do not have, and our directors and officers not have, been convicted of any criminal offence related to my/our professional conduct or the making of false statements or misrepresentations as to my/our qualifications to enter into a procurement contract within a period of three years preceding the commencement of this procurement process, or not have been otherwise disqualified pursuant to debarment proceedings;
5. I/we do not have a conflict of interest as specified in the Act, Rules and the Bidding Document, which materially affects fair competition;

Date:

Signature of bidder

Place:

Name:

Designation:

Address:

# “Rate Contract for Miscellaneous Electrical Works in JMRC”

## Bill of Quantities (BOQ)

S. N	Code No.	Description	Unit	Qty.	Estimate Rate		Amount (₹ in figure)
					Figure	Words	
1	E030400	S&F following sizes (dia.) of ISI marked (IS:9537 P - II ) rigid steel conduit along with accessories in surface / recessed using saddles, clamps, fastener pvc bushes, check nuts, as required including cutting the wall and making good the same as required. (Group - 3)					
1.1	E030401	20 mm	R. mtr.	200	77.6	Rupees Seventy Seven and Paise Sixty	15520
1.2	E030402	25 mm	R. mtr.	300	96.18	Rupees Ninty Six and Paise Eighteen	28854
1.3	E030403	32 mm	R. mtr.	100	139.02	Rupees One Hundred Thirty Nine and Paise two	13902
1.4	E030404	40 mm	R. mtr.	100	201.08	Rupees Two Hundred One and Paise Eight	20108
1.5	E030405	50 mm	R. mtr.	100	284.97	Rupees Two Hundred Eighty Four and Paise Ninty Seven	28497
2	E030500	Wiring of light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq. mm nominal size FRLS PVC insulated unsheathed flexible copper conductor 1.1 kV grade and 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper earth conductor 1.1 kV grade (IS:694) of approved make in surface / recessed ISI marked ( IS:9537 P - II ) rigid steel conduit & it's accessories, round tiles, Hot Dipped Galvanized Modular Box with earth terminal, screwless cage connectors for neutral looping in switch board & false ceiling point, 6 A Modular switch, Modular plate with grid plate, pvc bushes, check nuts, screws, making connections, testing etc. as required.					
2.1	E030501	Short point (up to 3 mtr.)	P. point	100	303.35	Rupees Three Hundred Three & Paise Thirty Five	30335
2.2	E030502	Medium point (up to 6 mtr.)	P. point	100	360.89	Rupees Three Hundred Sixty & Paise Eighty Nine	36089
2.3	E030503	Long point (up to 10 mtr..)	P. point	100	652.37	Rupees Six Hundred Fifty Two & Paise Thirty Seven	65237
3	E030600	Wiring of twin control light / Fan / Call bell point with 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper conductor 1.1 kV grade and 1.5 sq. mm nominal size FRLS PVC insulated unsheathed flexible copper earth conductor 1.1 kV grade (IS:694) of approved make in surface / recessed ISI marked ( IS:9537 P - II ) rigid steel conduit & it's accessories, round tiles, Hot Dipped Galvanized M.S Modular box with earth terminal, screwless cage connectors for neutral looping in switch board & false ceiling point, 6 A two way Modular switch, Modular plate with grid plate, screws, pvc bushes, check nuts,					



		making connections, testing etc. as required.					
3.1	E030601	Short point (up to 3 mtr.)	P. point	100	306.18	Rupees Three Hundred Six & Paise Eighteen	30618
3.2	E030602	Medium point (up to 6 mtr.)	P. point	100	472.71	Rupees Four Hundred Seventy Two & Paise Seventy One	47271
3.3	E030603	Long point (up to 10 mtr..)	P. point	50	655.2	Rupees Six Hundred Fifty Five & Paise Twenty	32760
4	E030700	Wiring of 3 pin 5 amp. Light plug point with 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper conductor 1.1 kV grade and 1.5 sq. mm nominal size FRLS PVC insulated unsheathed flexible copper earth conductor 1.1 kV grade (IS:694) of approved make in surface / recessed ISI marked ( IS:9537 P - II ) rigid steel conduit & it's accessories, Hot Dipped Galvanized M.S Modular box with earth terminal, screwless cage connectors for neutral looping in switch board , 6 A modular switch, 6 A modular socket, Modular plate with grid plate, pvc bushes, check nuts, screws, making connections, testing etc. as required.					
4.1	E030701	On board	P. point	30	205.59	Rupees Two Hundred Five & Paise Fifty Nine	6167.7
4.2	E030702	Short point (up to 3 mtr.)	P. point	50	359.84	Rupees Three Hundred Fifty Nine & Paise Eighty Four	17992
4.3	E030703	Medium point (up to 6 mtr.)	P. point	25	513.77	Rupees Five Hundred Thirteen & Paise Seventy Seven	12844.25
4.4	E030704	Long point (up to 10 mtr..)	P. point	20	688.38	Rupees Six Hundred Eighty Eight & Paise Thirty Eight	13767.6
5	E040100	Supplying and drawing FRLS PVC insulated & unsheathed flexible copper conductor ISI marked (IS:694) of 1.1 kV grade and approved make in existing surface or recessed conduit/casing capping including making connections etc. as required.					
5.1	E040101	1 x 1.5 sq.mm	Mtr.	50	13.24	Rupees Thirteen & Paise Twenty Four	662
5.2	E040102	2 x 1.5 sq.mm	Mtr.	50	23.55	Rupees Twenty Three & Paise Fifty Five	1177.5
5.3	E040103	3x 1.5 sq.mm	Mtr.	50	35.48	Rupees Thirty Five & Paise Fourty Eight	1774
5.4	E040104	4 x 1.5 sq.mm	Mtr.	50	45.79	Rupees Fourty Five & Paise Seventy Nine	2289.5
5.5	E040106	1 x 2.5 sq.mm	Mtr.	50	19.13	Rupees Nineteen & Paise Thirteen	956.5
5.6	E040107	2 x 2.5 sq.mm	Mtr.	50	36.03	Rupees Thirty Six & Paise Three	1801.5
5.7	E040108	2 x 2.5 sq. mm. + 1x1.5sqmm	Mtr.	50	46.34	Rupees Fourty Six & Paise Thirty Four	2317
5.8	E040109	3 x 2.5 sq.mm	Mtr.	50	52.23	Rupees Fifty Two & Paise Twenty Three	2611.5
5.9	E040110	4 x 2.5 sq.mm	Mtr.	50	69.12	Rupees Sixty Nine & Paise Twelve	3456

5.1	E040111	6 x 2.5 sq.mm	Mtr.	50	103.03	Rupees One Hundred Three & Paise Three	5151.5
5.11	E040112	1 x 4.0 sq.mm	Mtr.	50	26.9	Rupees Twenty Six & Paise Ninty	1345
5.12	E040113	2 x 4.0 sq.mm	Mtr.	50	49.95	Rupees Fourty Nine & Paise Ninty Five	2497.5
5.13	E040114	3 x 4 sq. mm.	Mtr.	50	74.61	Rupees Seventy Four & Paise Sixty One	3730.5
5.14	E040115	4 x 4.0 sq.mm	Mtr.	50	97.66	Rupees Ninety Seven & Paise Sixty Six	4883
5.15	E040116	6 x 4.0 sq.mm	Mtr.	50	144.15	Rupees One Hundred Fourty Four & Paise Fifteen	7207.5
5.16	E040117	2 x 4.0 sq. mm. + 1 x 2.5 sq. mm.	Mtr.	50	67.37	Rupees Sixty Seven & Paise Thirty Seven	3368.5
5.17	E040118	1 x 6.0 sq.mm	Mtr.	50	40.45	Rupees Fourty & Paise Fourty Five	2022.5
5.18	E040119	2 x 6.0 sq.mm	Mtr.	50	76.89	Rupees Seventy Six & Paise Eighty Nine	3844.5
5.19	E040120	3 x 6.0 sq. mm.	Mtr.	50	114.15	Rupees One Hundred Fourteen & Paise Fifteen	5707.5
5.2	E040121	4 x 6.0 sq.mm	Mtr.	50	150.59	Rupees One Hundred Fifty & Paise Fifty Nine	7529.5
5.21	E040122	2 x 6.0 sq. mm. + 1 x 2.5 sq. mm.	Mtr.	50	94.69	Rupees Ninty Four & Paise Sixty Nine	4734.5
5.22	E040123	1 x 10.0 sq.mm	Mtr.	50	68.29	Rupees Sixty Eight & Paise Twenty Nine	3414.5
5.23	E040124	2 x 10.0 sq.mm	Mtr.	50	132.75	Rupees One Hundred Thirty Two & Paise Seventy Five	6637.5
5.24	E040125	4 x 10.0 sq.mm	Mtr.	50	260.86	Rupees Two Hundred Sixty & Paise Eighty Six	13043
6	E040310	Unarmoured Telephone cable in existing surface or recessed conduit/casing capping (Group - 3).					
6.1	E040312	2 pair	Mtr.	100	11.45	Rupees Eleven & Paise Fourty Five	1145
6.2	E040314	4 pair	Mtr.	50	17.54	Rupees Seventy & Paise Fifty Four	877
6.3	E040316	10 pair	Mtr.	25	44.42	Rupees Fourty Four & Paise Fourty Two	1110.5
7	E060100	P&F 240/415 V AC MCB with positive isolation of breaking capacity not less than 10 KA (B/ C/ D tripping characteristic) ISI marked IS 8828(1996)]/ conforming to IEC 60898 in existing board/sheets including making connections with lugs, testing etc. as required (Group - 3).					
	E060120	Double pole MCB					
7.1	E060121	6 A to 32 A rating	Each	20	291.9	Rupees Two Hundred Ninty One & Paise Ninty	5838
7.2	E060122	40 A 63 A rating	Each	10	358.05	Rupees Three Hundred Fifty Eight & Paise Five	3580.5
	E060160	Four pole MCB					
7.3	E060161	6 A to 32 A rating	Each	20	621.6	Rupees Six Hundred Twenty One & Paise Sixty	12432
7.4	E060162	40 A 63 A rating	Each	10	821.1	Rupees Eight Hundred Twenty One & Paise Ten	8211
8	E060400	P&F 240/415 V Residual current circuit breaker conforming to IS:12640:1988/ IEC 61008 on existing board/sheet including making connections with lugs, testing etc. as required (Group - 3)					

	E060410	Two pole 30 mA sensitivity					
8.1	E060411	25 A rating	Each	10	1356.39	Rupees One Thousand Three Hundred Fifty Six & Paise Thirty Nine	13563.9
8.2	E060412	40 A rating	Each	5	1402.28	Rupees One Thousand Four Hundred Two & Paise Twenty Eight	7011.4
8.3	E060413	63A rating	Each	5	2194.29	Rupees Two Thousand One Hundred Ninty Four & Paise Twenty Nine	10971.45
	E060430	Four pole 30 mA sensitivity					
8.4	E060431	25 A rating	Each	10	1745	Rupees One Thousand Seven Hundred Fourty Five	17450
8.5	E060432	40 A rating	Each	5	1802.85	Rupees One Thousand Eight Hundred Two & Paise Eighty Five	9014.25
8.6	E060433	63 A rating	Each	5	2203.85	Rupes One Thousand Two Hundred Three & Paise Eighty Five	11019.25
9	E060900	P & F of Industrial plug and socket conforming to IEC 60309-1/2 made out of self extinguishing engineering polymer / polyamide, nickel plated brass sleeve and pins, socket with shutter including making connection etc as reqd (Group - 2).					
	E060910	Panel mounted socket					
9.1	E060911	16 A 3 pin	Each	10	283.5	Rupees Two Hundred Eighty Three & Paise Fifty	2835
9.2	E060912	32 A 4 pin	Each	5	572.25	Rupees Five Thousand Seventy Two & Paise Twenty Five	2861.25
9.3	E060913	63 A 5 pin	Each	2	2278.5	Rupees Two Thousand Two Hundred Seventy Eight & Paise Fifty	4557
	E060920	Surface mounted socket					
9.4	E060921	16 A 3 pin	Each	10	609	Rupees Six Hundred Nine	6090
9.5	E060922	32 A 4 pin	Each	5	682.5	Rupees Six Hundred Eighty Two & Paise Fifty	3412.5
9.6	E060923	63 A 5 pin	Each	2	2377.2	Rupees Two Thousand Three Hundred Seventy Seven & Paise Twenty	4754.4
	E060930	Mobile socket					
9.7	E060931	16 A 3 pin	Each	10	389.55	Rupees Three Hundred Eighty Nine & Paise Fifty Five	3895.5
9.8	E060932	32 A 4 pin	Each	5	552.3	Rupees Five Hundred Fifty Two & Thirty Paise	2761.5
9.1	E060933	63 A 5 pin	Each	2	2653.35	Rupees Two Thousand Six Hundred Fifty Three & Thirty Five Paise	5306.7
	E060940	Plug top					
9.11	E060941	16 A 3 pin	Each	10	310.8	Rupees Three Hundred Ten & Paise Eighty	3108
9.12	E060942	32 A 4 pin	Each	5	407.4	Rupees Four Hundred Seven & Paise Fourty	2037
9.13	E060943	63 A 5 pin	Each	2	1820.7	Rupees One Thousand Eight Hundred Twenty & Paise Seventy	3641.4

10	E061000	P&F recessed/ surface mounting heavy duty Vertical type 16 SWG sheet steel Distribution board with provision of incomer suitable for MCB / RCCB and SP / TP MCB as outgoing , phophatised ,powder painted complete with insulated suitable rating copper bus bar , neutral link, earth link and din bar, masking sheet, conforming to IS13032 & IS8623 including making internal DB terminations with copper lugs , testing etc. as required (Group - 3) .					
	E061020	Double door					
10.1	E061021	4 Way	Each	10	4055.63	Rupees Four Thousand Fifty Five & Paise Sixty Three	40556.3
10.2	E061022	6 Way	Each	5	4707.68	Rupes Four Thousand Seven Hundred Seven & Paise Sixty Eight	23538.4
10.3	E061023	8 Way	Each	2	4970.91	Rupees Four Thousand Nine Hundred Seventy & Paise Ninty One	9941.82
11	E073100	P & F following modular accessories made out of unbreakable and fire retardant poly carbonate with silver contacts including making connections testing etc. as required (Group - 3)					
11.1	E073101	6 A one way switch	Each	50	68.88	Rupees Sixty Eight & Paise Eighty Eight	3444
11.2	E073102	6 A two way switch	Each	20	80.96	Rupees Eighty & Paise Ninty Six	1619.2
11.3	E073104	16 A one way switch	Each	20	101.64	Rupees One Hundred One & Paise Sixty Four	2032.8
11.4	E073105	6 A 3 pin shuttered socket	Each	20	88.83	Rupees Eighty Eight & Paise Eighty Three	1776.6
11.5	E073106	16 A 6 pin shuttered socket	Each	20	138.08	Rupees One Hundred Thirty Eight & Paise Eight	2761.6
11.6	E073108	2 pin Telephone socket	Each	20	101.64	Rupees One Hundred One & Paise Sixty Four	2032.8
11.7	E073109	RJ-11 telephone jack single two line	Each	20	64.58	Rupees Sixty Four & Paise Fifty Eight	1291.6
11.8	E073111	RJ-45 computer jack with shutter	Each	20	109.52	Rupees One Hundred Nine & Paise Fifty Two	2190.4
11.9	E073113	5 step fan regulator 2 Module	Each	20	331.59	Rupees Three Hundred Thirty One & Paise Fifty Nine	6631.8
11.10	E073115	Blanking plate	Each	20	15.65	Rupees Fifteen & Paise Sixty Five	313
11.11	E073116	32 Amp. 2 Module switch With Indicator	Each	20	206.64	Rupees Two Hundred Six & Paise Sixty Four	4132.8
11.12	E073117	25 Amp. 2 Module Socket	Each	20	141.65	Rupees One Hundred Fourty One & Paise Sixty Five	2833
12	E073200	P & F following size mounting grid plates with cover plates					
12.1	E073201	1/2 Module	Each	10	51.35	Rupees Fifty One & Paise Thirty Five	513.5
12.2	E073202	3 Module	Each	10	54.92	Rupees Fifty Four & Paise Ninty Two	549.2
12.3	E073203	4 Module	Each	10	59.22	Rupees Fifty Nine & Paise Twenty Two	592.2
12.4	E073204	5/6 Module	Each	10	80.96	Rupees Eighty & Paise Ninty Six	809.6
12.5	E073205	8 Module	Each	10	118.13	Rupees One Hundred Eighteen & Paise Thirteen	1181.3

13	E073300	P & F following size hot dip galvanized M.S. box with earthing terminal in recess/ surface suitable for modular accessories as required (Group - 3).					
13.1	E073301	1-2 Module	Each	10	35.91	Rupees Thirty Five & Paise Ninty One	359.1
13.2	E073302	3 Module	Each	10	40.95	Rupees Fourty & Paise Ninty Five	409.5
13.3	E073303	4 Module	Each	10	45.89	Rupees Fourty Five & Paise Eighty Nine	458.9
13.4	E073304	5-6 Module	Each	10	65.94	Rupees Sixty Five & Paise Ninty Four	659.4
13.5	E073305	8 Module	Each	10	78.33	Rupees Seventy Eight & Paise Thirty Three	783.3
14	E073600	P & F of Multiple socket with surge and spikes protection cartridge and minimum four nos. universal 6 A sockets, one 6 A switch and plug top including making connection etc as required (Group - 3).		10	415.07	Rupees Four Hundred Fifteen & Paise Seven	4150.7
15	E080800	SF of 110/220 V, LED (22.5 mm dia ) Indicating lamp with integral circuit, terminal block, including connection etc. as required (Group - 2).					
15.1	E080801	Red/yellow/Green colour	Each	50	152.25	Rupees One Hundred Fifty Two & Paise Twenty Five	7612.5
15.2	E080802	Blue colour	Each	50	246.75	Rupees Two Hundred Fourty Six & Paise Seventy Five	12337.5
16	E081000	P & F of Multy function meter with LCD/ LED display capable of measuring electrical parameters like V, I, F, PF, KW, Kva, Kvar, Kwh, Kvah, Kvarh display with 1A/5A CT input for LV/ HV network, RS 485 communication port etc. complete in all respect (Group - 1).		2	18156.6	Rupees Eighteen Thousand One Hundred Fifty Six & Paise Sixty	36313.2
17	E082100	P&F of IP51 direct or CT operated, 1x240 / 3x240 volts , 50 Hz static watt-hour meter (kwh) having resolution 0.1 / 0.01 kwh , 1/ 0.5 accuracy class , LED indicators for tamper operation ( Reverse &/or earth connection) , pulsating LED indicator for meterology , electromechanical counter , LCD Display, cover plate for body and terminal sealing , including making connection ,testing etc. as required (Group - 1).					
17.1	E082101	up to 40 ampere single phase meter	Each	25	1438.5	Rupees One Thousand Four Hundred Thirty Eight & Paise Fifty	35962.5
17.2	E082102	up to 60 ampere three phase meter	Each	20	3153.15	Rupees Three Thousand One Hundred Fifty Three & Paise Fifteen	63063
18	E081100	S & F of Electrical insulating rubber matts confirming to IS: 15652/ 2006 with one side anti skid abberation marks and pasting the mat with synthetic rubber adhesive as required (Group - 1).					
18.1	E081101	3.3 KV, 2 mm thick with proof voltage 10 KV / 3 min. and Break Down Voltage 30 KV	SQ.Mtr	40	1995	Rupees One Thousand Nine Hundred Ninty Five	79800
18.2	E081103	33 KV, 3 mm thick with proof voltage 36 KV / 3 min. and Break Down Voltage 65 KV	SQ.Mtr	10	3045	Rupees Three Thousand Fourty Five	30450
19	E082100	P&F of 110 - 240 V, AC, 1 ph. , 2 W Astronomical time switch with surge suppressor, memory card, Sunrise / Sunset selectable, software for programming including making connection, etc. as required (Group - 2)	Each	5	7255.82	Rupees Seven Thousand Two Hundred Fifty Five & Paise Eighty Two	36279.1

20	E110100	P/Laying P.V.C. / XLPE Armoured insulated & P.V.C. sheathed cable of 1.1 KV grade with aluminium conductor of IS:1554 P-I / IS :7098 P - I of Group 1 of approved make in existing RCC/Hume/Stoneware Pipe/ Existing Cable Tray with Cable Ties/ Open duct. making necessary connection, testing etc. as required of size .					
	<b>E110104</b>	10.0 Sq.mm					
20.1	E110104B	3 core	Mtr.	500	190.05	Rupees One Hundred Ninty & Paise Five	95025
20.2	E110104C	4 core	Mtr.	500	210	Rupees Two Hundred Ten	105000
	<b>E110105</b>	16.0 Sq.mm					
20.3	E110105B	3 core	Mtr.	200	198.45	Rupees One Hundred Ninty Eight & Paise Fourty Five	39690
20.4	E110105C	4 core	Mtr.	200	218.4	Rupees Two Hundred Eighteen & Paise Fourty	43680
	<b>E110106</b>	25.0 Sq.mm					
20.5	E110106C	3.5 core	Mtr.	100	249.9	Rupees Two Hundred Fourty Nine & Paise Ninty	24990
20.6	E110106 D	4 core	Mtr.	100	264.6	Rupees Two Hundred Sixty Four & Paise Sixty	26460
	<b>E110107</b>	35.0 Sq.mm					
20.7	E110107 D	3.5 core	Mtr.	50	301.35	Rupees Three Hundred One & Paise Thirty Five	15067.5
	<b>E110108</b>	50.0 Sq.mm					
20.8	E110108 D	3.5 core	Mtr.	50	350.7	Rupees Three Hundred Fifty & Paise Seventy	17535
21	<b>E110200</b>	P/Laying P.V.C. / XLPE insulated & P.V.C. sheathed cable of 1.1 KV grade with Copper conductor of IS:1554 P-I / IS :7098 P - I of Group 1 of approved make in ground as per IS:1255 including excavation of 30cmx75cm size trench, 25 cm thick under layer of sand, IInd class bricks covering, refilling earth, compaction of earth, making necessary connection, testing etc. as required of size.					
	E110201	1.5 Sq.mm					
21.1	E110201 B	3 core	Mtr.	500	179.55	Rupees One Hundred Seventy Nine & Paise Fifty Five	89775
21.2	E110201 C	4 core	Mtr.	500	220.5	Rupees Two Hundred Twenty & Paise Fifty	110250
	E110202	2.5 Sq.mm					
21.3	E110202 B	3 core	Mtr.	200	213.15	Rupees Two Hundred Thirteen & Paise Fifteen	42630
21.4	E110203 C	4 core	Mtr.	200	244.65	Rupees Two Hundred Fourty Four & Paise Sixty Five	48930
	E110203	4.0 Sq.mm					
21.5	E110203 B	3 core	Mtr.	100	288.75	Rupees Two Hundred Eighty Eight & Paise Seventy Five	28875
21.6	E110203 C	4 core	Mtr.	100	339.15	Rupees Three Hundred Thirty Nine Paise Fifteen	33915
	E110204	6.0 Sq.mm					

21.7	E110204 B	3 core	Mtr.	50	360.15	Rupees Three Hundred Sixty & Paise Fifteen	18007.5
21.8	E110204 C	4 core	Mtr.	50	433.65	Rupees Four Hundred Thirty Three & Paise Sixty Five	21682.5
22	E120100	Supplying and making one end termination with heavy duty single compression brass gland SIBG type, heavy duty aluminium lugs duly crimped with crimping tool, PVC tape etc for following size of Armoured PVC insulated & PVC sheathed/ XLPE aluminium conductor cable of 1100 volt grade as required of size.					
22.1	E120113	3 x 10.0 sq.mm	Set	50	78.75	Rupees Seventy Eight & Paise Seventy Five	3937.5
22.2	E120114	3 x 16.0 sq.mm	Set	50	88.2	Rupees Eighty Eight & Paise Twenty	4410
22.3	E120125	3.5 x 25.0 sq.mm	Set	50	156.45	Rupees One Hundred Fifty Six & Paise Fourty Five	7822.5
22.4	E120126	3.5 x 35.0 sq.mm	Set	50	161.7	Rupees One Hundred Sixty One & Paise Seventy	8085
22.5	E120127	3.5 x 50.0 sq.mm	Set	50	183.75	Rupees One Hundred Eighty Three & Paise Seventy Five	9187.5
22.6	E120141	4 x 10.0 sq.mm	Set	20	87.15	Rupees Eighty Seven & Paise Fifteen	1743
22.7	E120142	4 x 16.0 sq.mm	Set	20	141.75	Rupees One Hundred Fourty One & Seventy Five	2835
22.8	E120143	4 x 25.0 sq.mm	Set	20	153.3	Rupees One Hundred Fifty Three & Paise Thirty	3066
23	E120200	Supplying and making one end termination with heavy duty single compression brass gland SIBG type, heavy duty Copper lugs duly crimped with crimping tool, PVC tape etc for following size of Armoured PVC insulated & PVC sheathed/ XLPE aluminium conductor cable of 1100 volt grade as required of size.					
23.1	E120209	3 x 2.5 sq.mm	Set	50	72.45	Rupees Seventy Two & Paise Fourty Five	3622.5
23.2	E120210	3 x 4.0 sq.mm	Set	50	73.5	Rupees Seventy Three & Paise Fifty	3675
23.3	E120211	3 x 6.0 sq.mm	Set	50	85.05	Rupees Eighty Five & Paise Five	4252.5
23.4	E120237	4 x 2.5 sq.mm	Set	20	80.85	Rupees Eighty & Paise Eighty Five	1617
23.5	E120238	4 x 4.0 sq.mm	Set	20	84	Rupees Eighty Four	1680
23.6	E120239	4 x 6.0 sq.mm	Set	20	96.6	Rupees Ninty Six & Paise Sixty	1932
24	E150700	S & Laying following size earth wire/strip in horizontal or vertical run in ground/surface/recess including riveting, soldering, saddles, making connection etc. as required (Group - 1).					
24.1	E150702	8 SWG copper Wire	Mtr.	1000	86.1	Rupees Eighty Six & Paise Ten	86100
24.2	E150705	8 SWG G.I. ( Hot Dipped ) Wire	Mtr.	500	12.6	Rupees Twelve & Paise Sixty	6300
25	E170300	I T C of ceiling fan and regulator including wiring the down rod up to 30 cm with 3 x 1.5 sq.mm pvc insulated flexible copper conductor making connection testing etc. as required (Group - 1).					
25.1	E170301	With regulator	Each	10	85.05	Rupees Eighty Five & Paise Five	850.5

26.1	E170503	1200 mm Sweep 5 Star rated	Each	10	2034.9	Rupes Two Thousand Thirty Four & Paise Ninty	20349
27	E170501	P & F 18 swg M.S. Recessed fan box, hexagonal/ round of size 130 mm dia, depth 75mm, 12 mm dia rod fan hook with 100 mm length extended on each side .	Each	10	84	Rupees Eighty Four	840
28	E170700	P & F of shackle ( iron hook) made from 2mm nominal thick CRCA sheet and bolts (2 nos.) of s6 mm with spring washer nut, checknut and split pin as required.	Each	10	57.75	Rupees Fifty Seven & Paise Seventy Five	577.5
29	E170800	P & F of M.S. J- hook of standard design made out of 16 mm dia. M.S. round bar and fixed with cement concrete mortar with required support as required.	Each	10	157.5	Rupees One Hundred Fifty Seven & Paise Fifty	1575
30	E171300	P & F of capacitor start, metal body, metal blade three speed wall mounting fan of following sweep with the help of anchor bolts including making connection testing etc. as required.					
30.1	E171301	400 mm sweep(Oscillating type)	Each	10	2833.95	Rupees Two Thousand Eight Hundred Thirty Three & Paise Ninty Five	28339.5
31	E171400	P & F capacitor start, three speed, oscillating type pedestal fan with adjustable height, of following size with cord and plug top as required.					
31.1	E171401	400 mm sweep	Each	10	2669.1	Rupees Two Thousand Six Hundred Sixty Nine & Paise Ten	26691
31.2	E171402	450 mm sweep	Each	10	4165.35	Rupees Four Thousand One Hundred Sixty Five & Paise Thirty Five	41653.5
32	E171500	P & F extra down rod of 15 mm dia. ERW (Electrical resistance welded )medium duty steel pipe including cutting, threading, drilling, fixing quarter pin etc as reqd.	Mtr.	10	103.95	Rupees One Hundred Three & Paise Ninty Five	1039.5
33	E240100	Hire charges of public address system for a important public function with 5/ 6 no. of microphones with following nos of stand Hi Fi box, speakers/ Horns, stand by amplifiers , battery backup complete including transportation etc. as required : ( At district Head Quarters )					
33.1	E240101	4 Nos 3 Way Big Box Speakers.(upto 5000 audiences)	Job p. day	10	6825	Rupees Six Thousand Eight Hundred Twenty Five	68250
33.2	E240500	Hire charges for public address system consisting of 2 Microphone with stand, Battery Backup, Amplifier,2 Loudspeakers etc as reqd.	Job p. day	10	1575	Rupees One Thousand Five Hundred Seventy Five	15750
34	E241400	Hire charges of niwar patti 60 no. 6.2 v miniature lamps. As required.	Each p. day	1000	22.05	Rupees Twenty Two & Paise Five	22050
35	E242300	Hire charges for 250/400 watt metal halide luminaire with lamp and pole of required height as required.	Each p. day	50	141.75	Rupees One Hundred Fourty One & Paise Seventy Five	7087.5
36	E242800	Hire charges for spot /palican lights (1000 watt) for stage function with dimmer as required.	Each p. day	50	383.25	Rupees Three Hundred Eighty Three & Paise Twenty Five	19162.5
37	E250600	Supplying and charging of fresh refrigerant and testing of performance of air conditioner/ fridge/ water cooler of following capacity including capallary and strainer/ filter.					
37.1	E250611	1.0 TR Window/ Split A.C.	Each	6	1882.13	Rupees One Thousand Eight Hundred Eighty Two & Paise Thirteen	11292.78
37.2	E250612	1.5 TR Window/ Split A.C.	Each	6	2132.03	Rupees Two Thousand One Hundred Thirty Two & Paise Three	12792.18



37.3	E250613	2.0 TR Window/ Split A.C.	Each	6	2381.93	Rupees Two Thousand Three Hundred Eighty One & Paise Ninty Three	14291.58
37.4	E250618	200/210 Ltr Refrigerator	Each	6	1754.69	Rupees One Thousand Seven Hundred Fifty Four & Paise Sixty Nine	10528.14
38	E250620	Replacement of defective compressor by company repaired compressor of following gadgets including testing etc. as required. (Carrier/ Kirlosker/ Techumshe/ Shriram/ Voltas)					
38.1	E250621	1.0 TR A.C.	Each	3	8184.49	Rupees Eight Thousand One Hundred Eighty Four & Paise Fourty Nine	24553.47
38.2	E250622	1.5 TR A.C.	Each	3	8946.79	Rupees Eight Thousand Nine Hundred Fourty Six & Paise Seventy Nine	26840.37
38.3	E250623	2.0 TR A.C.	Each	3	10682.8	Rupees Ten Thousnad Six Hundred Eighty Two & Paise Eighty	32048.52
38.5	E250628	200/210 Ltr Refrigerator (Carrier/ Kirlosker/ Techam-Shah/ Shriram/ Voltas/ BPL/ Zenith/ Kelvinator)	Each	2	3234.79	Rupees Three Thousand Two Hundred Thirty Four & Paise Seventy Nine	6469.58
39	E250630	P & Replacement of condensing/ cooling coil of copper fins for following capacity A.C./ Water cooler/ Fridge as required.					
39.1	E250631	1.0 TR A.C.	Each	5	2699.29	Rupees Two Thousand Six Hundred Ninty Nine & Paise Twenty Nine	13496.45
39.2	E250632	1.5 TR A.C.	Each	5	2996.44	Rupees Two Thousand Nine Hundred Ninty Six & Paise Fourty Four	14982.2
39.3	E250633	2.0 TR A.C.	Each	5	3353.44	Rupees Three Thousand Three Hundred Fifty Three & Paise Fourty Four	16767.2
39.5	E250638	200/210 Ltr Refrigerator	Each	5	1106.7	Rupees One Thousand One Hundred Six & Paise Seventy	5533.5
40	E250640	Servicing of 1.0/1.5/2.0 TR capacity air conditioner after desmanteling	Each	20	530.25	Rupees Five Hundred Thirty & Paise Twenty Five	10605
41	E250700	S & F of capacitor of 230V/ 275V, 50Hz rating of Usha/ Punsumi/ Priya/ Capital/ JEC/ AMCAP/ CONCAP make					
	E250710	Starting capacitor					
41.1	E250711	20-30 micro farad	Each	5	157.37	Rupees One Hundred Fifty Seven & Paise Thirty Seven	786.85
41.2	E250712	40-60 micro farad	Each	5	198.32	Rupees One Hundred Ninty Eight & Thirty Two	991.6
41.3	E250713	60-80 micro farad	Each	5	284.29	Rupees Two Hundred Eighty Four and Paise Twenty Nine	1421.45
41.4	E250714	80-100 micro farad	Each	5	343.09	Rupees Three Hudnred Fourty Three and Paise Nine	1715.45
41.5	E250715	100-120 micro farad	Each	5	343.09	Rupees Three Hundred Fourty Three and Paise Nine	1715.45
41.6	E250716	120-150 micro farad	Each	5	402.94	Rupees Four Hundred Two and Paise Ninty Four	2014.7

	E250720	Running capacitor					
41.7	E250721	2.5/3.15 micro farad	Each	5	52.22	Rupees Fifty Two & Paise Twenty Two	261.1
41.8	E250722	4.0 micro farad	Each	5	64.82	Rupees Sixty Four & Paise Eighty Two	324.1
41.9	E250723	6.0 micro farad	Each	5	82.67	Rupees Eighty Two & Paise Sixty Seven	413.35
41.1	E250724	8.0 micro farad	Each	5	94.22	Rupees Ninty Four & Twenty Two	471.1
41.11	E250725	10.0 micro farad	Each	5	129.92	Rupees One Hundred Twenty Nine & Paise Ninty Two	649.6
41.12	E250726	15.0 micro farad	Each	5	171.92	Rupees One Hundred Seventy One & Paise Ninty Two	859.6
41.13	E250727	25.0 micro farad	Each	5	287.57	Rupees Two Hundred Eighty Seven & Paise Fifty Seven	1437.85
42	E260100	Labour charges for installation of submersible motor pump set including lowering/delowering of pipes, cables, accessories etc. in tube-well/ open well complete including T&P, transportation of tripod, chain pulley block & any other material required for this purpose.					
42.1	E260101	Lowering only	Each	5	4223.1	Rupees Four Thousand Two Hundred Twenty Three & Paise Ten	21115.5
42.2	E260102	Delowering and Lowering	Each	5	5234.25	Rupees Five Thousand Two Hundred Thirty Four & Paise Twenty Five	26171.25
<b>Estimated cost in figure</b>							<b>2483533.59</b>
<b>Total Estimated Cost (Say) - Twenty Four Lakhs Eighty Four Thousand</b>							<b>24,84,000</b>
<b>Quoted Rates (in % to the estimate rates)</b>		<b>In figures ABOVE/ BELOW</b>		<b>% in figures</b>		<b>% in words</b>	
		.....		.....		.....	

Note:-

1. The Bidders shall quote the rates including the cost of material, man power, tools and plants etc., including all Statutory Charges, Taxes, duties, profit margin etc. Nothing shall be paid extra.
2. The estimated rates are as per BSR 6 2013 (with 5 % escalation) of PWD, Rajasthan. The bidders should quote only % above / below in the given space.
3. Contractor should clearly mention the word 'above' or 'below' while quoting else it shall be treated 'above' by default.

Signature of the contractor with Seal

Above (default)