

# JAIPUR DEVELOPMENT AUTHORITY

Room No. \_\_\_\_\_, Ram Kishore Vyas Bhavan, Indira Circle, Jawahar Lal Nehru Marg, Jaipur – 302 004

Telephone: +91-141-2569696 e.mail : [xxxxxxx@jaipurjda.org](mailto:xxxxxxx@jaipurjda.org)

JDA/XEN/Elect-I/2015-16/D-

Dated:

## NOTICE INVITING BID

NIB No. : 8-3/2015-16

<b>Name &amp; Address of the Procuring Entity</b>	<ul style="list-style-type: none"> <li>➤ Name: Executive Engineer (Elect-I), Jaipur Development Authority</li> <li>➤ Address: Room No. B-1, CCC Building, 1st Floor, Ram Kishore Vyas Bhavan, Indira Circle, Jawahar Lal Nehru Marg, Jaipur – 302 004 (Rajasthan)</li> <li>➤ Email: <a href="mailto:ee.electric1@jaipurjda.org">ee.electric1@jaipurjda.org</a></li> </ul>
<b>Subject Matter of Procurement</b>	➤ Annual electrical repair and maintenance of town planning building, JDA, Jaipur
<b>Bid Procedure</b>	Single Bid eBid procedure at <a href="http://eproc.rajasthan.gov.in">http://eproc.rajasthan.gov.in</a>
<b>Bid Evaluation Criteria (Selection Method)</b>	➤ (eg. Least Cost Based Selection (LCBS)-L1)
<b>Websites for downloading Bidding Document, Corrigendum's, Addendums, etc.</b>	➤ Websites: <a href="http://www.sppp.rajasthan.gov.in">www.sppp.rajasthan.gov.in</a> , <a href="http://www.eproc.rajasthan.gov.in">www.eproc.rajasthan.gov.in</a> , <a href="http://www.jaipurjda.org">www.jaipurjda.org</a>
<b>Website for online Bid application and payment *</b>	<ul style="list-style-type: none"> <li>➤ Website: <a href="http://www.jaipurjda.org">www.jaipurjda.org</a></li> <li>➤ For participating in the Bid, the Bidder has to apply for this Bid and pay the Bidding Document Fee, RISL Processing Fee and Bid Security Deposit, online only. <ul style="list-style-type: none"> <li>○ Bidding document fee: Rs. 250.00 Rupees (One thousand only)</li> <li>○ RISL Processing Fee: Rs. 1000 (Rupees One Thousand only)</li> <li>○ Requisite Bid Security Deposit -</li> </ul> </li> </ul>
<b>Estimated Procurement Cost</b>	➤ INR 1104000.00 (Rupees eleven lacs four thousand only)
<b>Time period</b>	➤ 12 Months
<b>Bid Security Deposit</b>	➤ Amount (INR) : 2% of Estimated Procurement Cost, 0.5% of S.S.I. of Rajasthan, 0.5% for Bidder registered as contractor in JDA, 1% for Sick Industries, other than S.S.I., whose cases are pending with Board of Industrial & Financial Reconstruction
<b>Pre-Bid</b>	<ul style="list-style-type: none"> <li>➤ Date / Time : dd/mm/yyyy at hh:mm AM</li> <li>➤ Place : _____, JLN Marg, Jaipur-302014 (Rajasthan)</li> <li>➤ Last date of submitting clarifications requests by the bidder</li> <li>➤ addressed to the procurement entity at Room No.B-1, CCC, Ram Kishore Vyas Bhavan, Indira C</li> <li>➤ ircle, Jawahar Lal Nehru Marg, Jaipur – 302 004 (Rajasthan).</li> <li>➤ Response to clarifications by procuring entity : dd/mm/yyyy</li> </ul>
<b>Start/ End Date for Bid Applying, Online Payment and Bid Submission</b>	<ul style="list-style-type: none"> <li>➤ Start Date: 21.07.2015 at 09.00 AM onwards</li> <li>➤ End Date: 04.08.15 at 06:00 PM</li> </ul>
<b>**Date/ Time/ Place of Technical Bid Opening</b>	➤ N/A
<b>Date/ Time/ Place of Financial Bid Opening</b>	<ul style="list-style-type: none"> <li>➤ 7.08.15 at 03:30 PM</li> <li>➤ Room No. CCC TF-309, Illrd Floor, CCC building, Ram Kishore Vyas Bhavan, Indira Circle, Jawahar Lal Nehru Marg, Jaipur – 302 004 (Rajasthan)</li> </ul>
<b>Bid Validity</b>	➤ 120 days from the bid submission deadline
<p>* The amount is to be deposited online by bidder. In case the amount exceeds the online payment limit the payment may be made through RTGS/NEFT in ICICI BANK LTD Bank Account Number 675401700586 IFSC Code ICIC0006754. After successful payment, update the UTR/Instrument number on JDA Tender portal against the tender you want to participate. The amount deposited will be confirmed by JDA and will be updated online.</p> <p>** There should be a gap of 3 working days <b>BETWEEN</b> End Date for Bid Applying, Online Payment &amp; Bid Submission <b>AND</b> Bid opening date.</p>	
<b>Note:</b>	

1. Bidder (authorised signatory) shall submit their offer on-line in Electronic formats both for technical and financial proposal.
2. In case, any of the bidders fails to pay the Tender Fee, BSD, and RISL Processing Fee, online (subject to confirmation), its Bid shall not be accepted.
3. To participate in online bidding process, Bidders must procure a Digital Signature Certificate (Type III) as per Information Technology Act-2000 using which they can digitally sign their electronic bids. Bidders can procure the same from any CCA approved certifying agency, i.e. TCS, Safecrypt, Ncode etc. Bidders who already have a valid Digital Signature Certificate (DSC) need not procure a new DSC. Also, bidders must register on <http://eproc.rajasthan.gov.in> (bidders already registered on <http://eproc.rajasthan.gov.in> before 30-09-2011 must register again).
4. JDA will not be responsible for delay in online submission due to any reason. For this, bidders are requested to upload the complete bid well advance in time so as to avoid 11th hour issues like slow speed; choking of web site due to heavy load or any other unforeseen problems.
5. Bidders are also advised to refer "Bidders Manual Kit" available at eProc website for further details about the e-Tendering process.
6. Training for the bidders on the usage of e-Tendering System (eProcurement) is also being arranged by DoIT&C, GoR on a regular basis. Bidders interested for training may contact e-Procurement Cell, DoIT&C for booking the training slot.  
Contact No: 0141-4022688 (Help desk 10 am to 6 pm on all working days) e-mail: [eproc@rajasthan.gov.in](mailto:eproc@rajasthan.gov.in)  
Address : e-Procurement Cell, JDA, YojanaBhawan, Tilak Marg, C-Scheme, Jaipur
7. The procuring entity reserves the complete right to cancel the bid process and reject any or all of the Bids.
8. No contractual obligation whatsoever shall arise from the bidding document/ bidding process unless and until a formal contract is signed and executed between the procuring entity and the successful bidder.
9. Procurement entity disclaims any factual/ or other errors in the bidding document (the onus is purely on the individual bidders to verify such information) and the information provided therein are intended only to help the bidders to prepare a logical bid-proposal.
10. The provisions of RTPPA Act 2012 and Rules thereto shall be applicable for this procurement. Furthermore, in case of any inconsistency in any of the provisions of this bidding document with the RTPP Act 2012 and Rules thereto, the later shall prevail.

**Executive Engineer (Elect-I)**  
**JDA, Jaipur**

### **Process for Participation & Depositing Payment Online**

JAIPUR DEVELOPMENT AUTHORITY, has decided to receive Bidding document fee, RISL Processing Fee and Bid Security Deposit (BSD) through online mode only for which the bidder has to get registered himself on JDA portal [www.jaipurjda.org](http://www.jaipurjda.org).

#### **To participate in the bid, bidder has to be:**

1. Registered on JDA website [www.jaipurjda.org](http://www.jaipurjda.org) (by depositing Rs. 500.00 online, the validity of which remains 3 (three) years).  
For participating in the Bid, the Bidder has to apply for this Bid and pay the Bid Document Fee, RISL Processing Fee and Bid Security Deposit, online only.
2. Registered on e-Procurement Portal of Government of Rajasthan [www.eproc.rajasthan.gov.in](http://www.eproc.rajasthan.gov.in) for online e-Bid submission.

#### **Methods for depositing on line amount**

- Online through Internet Banking, Debit Card or Credit Card.
- In case the amount exceeds the online payment limit, the payment may be made through RTGS/NEFT/Transfer in Bank Account Number **675401700586** IFSC Code **ICIC0006754** of ICICI BANK Limited, JDA Campus Jaipur.

In case of RTGS / NEFT / Transfer the bidder is required to deposit the requisite amount in the dedicated bank account number as mentioned above and has to get the UTR / Reference number from the bank. This number requires to be updated while applying the bid on JDA portal.

While participation in the bid, a receipt will be generated through the system showing the submission details as per **Annexure-4**. The bidder is required to fill the instrument numbers for various heads on e-Procurement portal [www.eproc.rajasthan.gov.in](http://www.eproc.rajasthan.gov.in) as mentioned in the receipt.

More details about Registration Process, Terms and Conditions and FAQ along with contact detail is available on JDA website [www.jaipurjda.org](http://www.jaipurjda.org) under [e-Services](#)>>JDA Tender

---

**Annexure: 4**

**Template of Online Receipt as part of NIB Document**

---

Bidder has to submitted as proof of deposited amount against the Bid on e-Procurement Portal

**Jaipur Development Authority**

**Bid Participation Receipt**

Date & Time : 09/06/2015 05:13 PM

**Bid Detail**

<b>Bid Id :</b>	6215152001	<b>Procurement Entity :</b>	XXXXXXXXXXXX
<b>Bid Title :</b>	Testing		
<b>Bid Value :</b>	300000	<b>Bid Opening Place :</b>	Manthan Hall, Jaipur Development Authority

**Bidder Detail**

Name of Entity :	XXXXXXXXXX	Mobile:	9829012345
Registration Type:	Individual	Instrument Amount :	32500.00
Payment Mode:	Online/UTR	Payment Channel :	Payment Gateway/ICICI Branch - JDA
Instrument No :	456123789	Instrument Date :	17-06-2015

**Dates Detail**

Sr. No.	Event Name	Event Date
1	Publishing Date	01/06/2015 01:00 PM
2	Bid Opening Date	01/07/2015 03:00 PM

**Specific Instrument Detail for eProc Rajasthan**

<b>Instrument Type:</b> DD			
Instrument Number	Head Name	Amount	Date
10000	Tender Fee	400.00	05/06/2015
10001	RISL Processing Fee	1000.00	05/06/2015
10002	Bid Security Deposit	30,000.00	05/06/2015
<b>Issuer Detail :</b> Jaipur Development Authority		<b>ChallanNumber:</b> 641515600014	

**SCHEDULE 'A' : INFORMATION USE FULL FOR THE CONTRACTORS:**

The bidder should see the site and fully understand the condition of the site before bidding and include all lead, lifts etc. for the material in his item rate / percentage to the quoted on the rates as given in schedule 'G'. Then work shall be carried out in accordance with the Rajasthan PWD specification for electric works 1980 and to the entire satisfaction of the Engineer-Incharge of the work.

**SCHEDULE 'B': LIST OF THE DRAWING TO BE SUPPLIED BY THE DEPARTMENT:**

The drawing may be seen in office of the undersigned.

**SCHEDULE 'C' : LIST OF THE DRAWING TO BE SUPPLIED BY THE CONTRACTOR:**

List of the drawing to be supplied by the contractor Nil. But the contractor shall have to arrange drawings required for the work at his own cost after deposition necessary cost within JDA.

**SCHEDULE 'D': TEST OF THE MATERIALS:**

The test of the material and workmanship shall be conducted by the JDA staff as necessary. The result of such tests should confirm to be standard laid down in the Indian standards and or the standards laid down in the detailed specification of the Public Works

Deptt. proper quality control is required to be maintained by the contractor. Qualified personnel as required under the contractor enlistments rules duly approved by the Deptt. shall have to be engaged at site by the contractor. The Deptt. reserves the right to engage such staff and recover the expenses from the contractor on such account in case of his failure to do so.

**SCHEDULE 'E': SAMPLES OF THE MATERIALS:**

The samples of the material to be used by the contractor shall be deposited 15 days in advance with the Engineer In-charge and be got approved by him before use.

**SCHEDULE 'F': TIME OF COMPLETION:**

The work should start within 15 days of issue of work order and completion within months/days.

**SCHEDULE 'G': ATTACH SEPARATELY SCHEDULE 'G' BASED ON 2013 BSR PWD RAJASTHAN JAIPUR/JDA APPROVED.**

**SCHEDULE 'H': SPECIAL CONDITION ATTACHED SEPARATELY.**

**SCHEDULE 'I': LIST OF THE MATERIAL TO BE SUPPLIED BY THE DEPTT.**

Whatever material available in JDA store shall be issued @ the prevailing store issue date of JDA + 5% storage charges at the time of issue of cement.

Signature of Contractor  
with full address.

Executive Engineer (Elect.-I)  
JDA, Jaipur.

SCHEDULE 'H'

1. If there is any typographical error or otherwise in the 'G' Schedule the rate given in the relevant BSR on which Schedule 'G' has been prepared, shall prevail.
2. The contractor shall follow the contractor labour regulation and abolition Act 1970 & Rule 1971.
3. The JDA shall have right to cause an audit technical examination of the work and the final bills of the contractor including all supporting vouchers, abstract etc. to be made within two years after payment of the final bills and if as a result such audit any amount is found to have been over paid / excess in respect of any work done by the contractor under the contract or any work claimed by him to have been done under this contract and found not to have been executed the contractor shall be liable to refund such amount and it shall be lawful for the JDA to recover such sum from him in the manner prescribed in special condition no. 8 or any other manner legally permissible and if it is found that the contractor was paid less than that was due to him under the contract in respect of work executed by him under it, the amount of such under payment shall be paid by the JDA to the contractor.
4. The contractor shall not work after the sunset and before sunrise without specific permission of the authority Engineer.
5. Wherever any claim against the contractor for the payment of a sum of money arises out of under the contracts, the JDA shall be entitled to recover the sum by appropriating in part or whole of the security deposit of the contractor, In the event of the security being insufficient or if no security has been taken from the contractor then the balance of the total sum recoverable as the case may be shall be deducted from any sum then due or which at any time there contract with the JDA should this sum be sufficient to recover the full amount recoverable. The contractor shall pay to JDA on demand the balance remaining due. The JDA shall further have the right to affect such recoveries under P.D.R. Act.
6. The rate quoted by the contractor shall remain valid for a period of 4 (Four) months from the date of opening of the bids.
7. By submission of this bid the contractor agree to abide with all printed conditions provided in the PWD manual from 64 (Chapter 3-para 36) and subsequent modification.

8. No conditions are to be added by the contractor and conditional bid is liable to be rejected.
9. All transaction in this execution of this work and this bid will be liable to Sale-Tax vide section. 2(B) read with sub-clause (4) Sale-tax Rule, 1954.
10. If any bidder withdraws his bid prior to expiry of said validity period given at S.No. 7 or mutually extended period or makes modifications in the rate, terms and conditions of the bid within the said period which are not acceptable to the department or fails to commence the work in the specified period, fails to execute the agreement and fails to furnish performance guarantee the department shall without prejudice to any, other right or remedy, be at liberty to forfeit the amount of earnest money given in any form absolutely. If any contractor, who having submitted a bid does not execute the agreement or start the work or does not complete the work and the work has to be put to rebidding he will stand debarred for 6 Months from participating of bidding in JDA in addition to forfeiture of Earnest Money / Security Deposit and other action under agreement.
11. The contractor shall arrange his own machinery required for the work such as Bitumen Mixer, Hot Mix plants and paver, road roller, Tar boiler, sprayer etc.
12. The contractor shall arrange his own storage tanks up to 10 Tones capacity for storage of bulk bitumen wherever supplied by the department.
13. Rules regarding enlistment of contractor provide that work up to the times limit for which they are qualified for bidding can be allotted to them, Therefore, before bidding the contractor will keep this in mind, and submit the details of the work. Bids with incomplete or incorrect information are liable to be rejected.
14. Any material not conforming to the specifications collected at site have to be removed by the contractor within a period of 3 days of the instruction, issued by the Engineer -In charge in writing failing which, such material shall be removed by the Engineer-In charge at risk and cost of the contractor after expiry of 3 days period.
15. The material collected at site and paid provisionally shall remain under and ward of the contractor till it is consumed, fully on the work.
16. The rates provided in bid documents are inclusive of all Taxes and royalty.
17. For paver work at least 3 road rollers shall be simultaneously deployed.

18. No extra lead of earth/material shall be paid over and above as specified in 'G' Schedule Source/borrow pit area for earth shall have to be arranged by the Contractor at his own cost.
19. Undersigned has full right to reject any or all bids without given any reasons.
20. Mortar of Masonry work and lean concrete will be permitted mixer with hopper.
21. As per Supreme Court decision "All contracts with Governments shall require registration of workers under the building and other construction workers (Regulation of Employment and Conditions of Service) Act, 1996 and extension of benefits to such workers under the act.
22. Special Conditions of Contract regarding Defect Liability Period (DLP) for Roads works costing Rs. 25.00 lacs and more shall be applicable
23. The bidders are required to submit copy of their enlistment as contractor.
24. Conditions of RPWA-100 will be mandatory & acceptable to the contractor.
25. Any bid received with unattested cutting/ overwriting in rates shall be rejected and such bidder will be debarred from bidding for three months in JDA.
26. All the provision of **THE RAJASTHAN TRANSPARENCY IN PUBLIC PROCUREMENT ACT 2012 and Rules, 2013** will be applicable. If there is any contradictions in existing epscial conditions and provisions of **THE RAJASTHAN TRANSPARENCY IN PUBLIC PROCUREMENT ACT 2012 and Rules 2013** provision of **THE RAJASTHAN TRANSPARENCY IN PUBLIC PROCUREMENT ACT 2012 and Rules 2013** shall be applicable.
27. "If any bidder quotes a rate below than the Schedule "G" rates, i.e. rates below than at par, then the bidder has to deposit the difference amount i.e.amount between the rates as per at par and below, as work performance guarantee. This amount has to be deposited before the commencement of work and will be refunded after successful completion of work. Lowest bidder will be issued LOA (Letter of Acceptance) and within 7 days period he has to deposit difference amount in the form of BG/FDR/NSC. The validity of these shall be for a period three months beyond the stipulated date of completion/ actual date of completion. In case of non deposition of the same in specified period the 2% Bid security will be forfeited. In case work is not completed satisfactorily. The work performance security will be forfeited along with Bid security."

**SIGNATURE OF CONTRACTOR**  
**WITH FULL ADDRESS:**

**EXECUTIVE ENGINEER Elect.-I,**  
**JDA JAIPUR**

JAIPUR DEVELOPMENT AUTHORITY, JAIPUR  
**Special Terms & Conditions for Electrification work.**

The Contractor has to give the performance guarantee of the following materials for the period mentioned against them from the date of completion of work:

(a)	Transformers	30 Months
(b)	All types of Insulators	18 Months
(c)	ACSR Conductors	6 Months
(d)	Isolators	6 Months
(e)	Horn gap fuse set	6 Months
(f)	LT Pillar Box	6 Months
(g)	All types of HT/LT cables	18 Months

1. The Contractor has to arrange for the permission for the charging of electrical system from the Electrical Inspector Govt. of Rajasthan. He will have to deposit the necessary fees, which shall be reimbursed by Jaipur Development Authority.
2. The contractor will coordinate for the system handing over and charging process and if any defects, is pointed out by the RSEB/JVVNL, then he will have to rectify the same.
3. The final bill shall be paid after the lines and substations are handed over to RSEB/JVVNL and system is charged.
4. Inspection shall be bear by the contractor it self.
5. The material shall be purchased from the firms, which are also supplying the material to RSEB/JVVNL.
6. All HT/LT cables should be sequentially marked with cable size & length duly embossed.
7. The contractor shall return unused material issued to him by the deptt. If desired by the Engineer in-charge and in case, of failure to do so he shall be charged for such unreturned material at double the issue rate including storage and supervision charges or the market rate whichever is higher. The basis of the theoretical consumption and allowing for wastage @ 5% at double the issue rate including storage and supervision charges or market rate which ever is higher.
8. **The contractor shall be fully responsible to follow safety code as per IS 3764:1992 (upto date). The work should be executed without damaging existing water pipe line, LT/HT electric under ground cable, poles, existing surface drain, water connections, Telephone cables etc. In case of any damages the penalty/ liability imposed for such work shall be borne by the contractor and shall be got repaired immediately by arranging material/ labor/ assistance etc. In case of delay JDA reserve right to execute/ get executed the work at the cost and risk of the contractor.**
9. It is a mandatory condition that contractor will get all insulated material tested from CTL of JVVNL before using it at site.
10. The successful bidder will depute one permanent skilled person for attending the complaints on all days including weekly holidays from 8AM to 8 PM. Attendance register shall also be maintained.

**Executive Engineer (Elect-1)**  
**JDA, Jaipur.**

I carefully study & do agree for above terms & conditions.

Signature & Seal of the Contractor

**DETAILED SPECIAL CONDITION AND SPECIFICATIONS**

1. The scope of the Schedule 'H' and 'G' comprises Street light work in the multi level parking at JDA Campus mentioned in the Schedule 'H'.
2. The tubular poles are proposed to be erected generally in the median strip of the road or sides unless otherwise instructions are given to change the alignment.
3. The road in question in national, highway/important only road and as not only heavy traffic passes through the road but all the VIPs also pass through it the before it will be the contractor responsibility the provide all retardates caution signs during the execution of work at his own cost in order in to avoid any miss happening.
4. No opening shall be left uncovered during night. The bidder shall make all arrangement to avoid any claim if preferred on his account shall be the liability of the bidder.
5. No road or part of the road shall be cut without taking the prior permission in writing from the competent authority. The permission shall be arranged by bidder on the request of JDA. However, any changes will be borne by JDA.
6. The contractor shall be deemed to have carefully examined the specifications general condition and bid drawing etc. and they have been fully informed and have satisfied himself as to the nature and character of the work to be executed site conditions and other relevant matters and details.
7. References to standards code specifications recommendation shall mean the attested addition of such publications of the work to be executed at site before the date of invitation to submit proposals.
8. The excavated material shall be place within 1.5 Mtr. of the edge the half of the depth of the trench with have is more side clear shall be done within 24 hours.
9. The work shall be carried out strictly Dom plying within Indian Electricity Rules in force and as per specifications for Electrical and lift work issued by PWD Raj., Jaipur 1980 or any other IS code for this work.
10. **Trenching** : The trenches shall be of shaper size as instructed by the Engineer-in-Charge.
  - (a) **Width**
    - (i) The minimum width of trench for laying single cable shall be 35 Cm.
    - (ii) Where more than one cable is to be laid in the same trench in horizontal formation. The width of the trench shall be increased such that the spacing between the cables shall be at least 20 Cm.
  - (b) **Depth**

- (i) Where cable core laid in single tier formation in the total depth of shall not be less than 75 cm for cable up to 1.1 KV.
- (ii) When more than one tier of cable is unavoidable and vertical formation of laying is adopted depth of trench in (i) above shall increase by 30 cm for each additional tier to be formed.
- (iii) The depth shall be 1.0 Mtr. of 11 KV, 1.5 Mtr. for 33 KV.

**(c) EXCAVATION**

The trench must be excavated straight and if it is necessary to give any band or curve radius of such trench shall be at least 12 time the over all diameter of the cable.

**(d) PLACING OF THE CABLE**

The cable must be places in the trench on band of fine sand of 8 cm thick bed, and the cable shall be laid below water and sewer lines.

- (e) For the safe guard of cable it must have covering of clean dry river sand or any other type of soil as directed by Engineer-in-Charge is not less than 17 cm.

**(f) PROTECTION**

To protect the cable against mechanical damages the second class bricks or stone katla as specification shall be placed over the cable width wise.

- 11. Satisfactory type / acceptance test that results wherever applicable conducted from Govt. / Govt. approved laboratory as per ISS shall be submitted prior to use. The routine tests of cable shall be conducted only after delivery at site at his own cost.

**12. EARTHING**

The ground earthing shall be done generally confirming to IS specification of 3043-1966 all the work earth terminal be provided duly crimped / soldered.

**13. CONTROLLING PANELS**

The controlling panels such as main panel service pillar-box and fuse boxes are to be installed in span. The rubber gasket bedding of high quality rubber is to be provided around all operable parts. The all-hard works should be made corrosion resistant giving all chemical treatment before its fabrication and before final coat desired colour painting and red oxide primer should be applied. All internal connectives are be made with PVC insulated copper conductor with copper lugs dully crimped. The internal wiring shall be arranged with clips the bus bars and connection shall consists of drawn high conductivity copper strip with PVC 3 leaves tops of phase colours.

**14. SUBMISSION OF DRAWING BY THE CONTRACTOR**

The following two drawing are required to be submitted by the contractor.

- (i) Main Panel Drawing : The contractor shall submit the drawing of main panel all dimensions all internal connection of diagram, well before its fabrication and obtain prior approval of the drawings from the competent authority.
- (ii) Completion drawings : The contractor shall submit the completion drawings of the project showing the roots of the cable and position of panel etc.

## 15. TESTING

The following test shall be performed by the contractor at his own cost.

- (i) **Continuity and installation test of cable** : The contractor shall arrange for the continuity of cable for well use of the perfect of the cable.
  - (ii) **Mager Testing** : The whole installation shall be arranged to be test by contractor after its completion shall in presence of Engineer-in-Charge and result shall be recoated and signed jointly.
16. **Earthing Testing**: Earth test shall be performed by the contractor and results will be used be recorded and signed jointly.
  17. Any other test for cable etc. required shall be arranged by the contractor.
  18. No condition of any short except as provided in the printed from schedule of quantities will be entertained.
  19. Conditions given in the bid from apply in full.
  20. The contractor shall have to obey the labour laws. The labour shall have to pay monthly and shall have first line on the bill of contractor, in case of complaint of labour and non-payment of wages is received to the department.
  21. The rate of every item should be quoted against each in figures and in words as well for complete Non BSR Items.
  22. In case of any typographical error in nomenclature, unit and rate, the rates as per BSR on which 'G' Schedule is prepared shall be binding on the bids.
  23. In case of any dispute the Executive Engineer (Elect-I) decision shall be final.
  24. The bidders are expected to be fully conversant with the general and special conditions of contract in force in this office. They must see the site of work acquaint themselves of the position of the materials, Fluctuation of the rates in the market, see the schedule and plans in the office and remove doubts, if any, before submitting their bids.
  25. The JDA is not responsible for arranging any material whatsoever any the contractor will have to complete the work within the specified time with specified material and approved accessories, from the stock, non-availability of material or delay in the consignment will not be entertained to as an excuse for extension of time for completion of work.
  26. Contractor will not be paid extra for sales or any other tax.
  27. Bids must be submitted on the prescribed forms duly signed by the bids on every page.
  28. All entries by the bidder should be in on ink only. Erasers and over writings are not permissible. All cancellation correction and insertions must be signed by the bidder.If any rates are not quoted, bid will be rejected.
  29. Rate quoted should be given for the work; separately in words and figures in case there is any difference in rates between words and figures the lower of the two will be taken as correct.

30. All the papers signed by the parties to this contract and bond together and sealed shall deemed to form part of the contract bond and shall be read as conditions of contract.
31. In every case in which by virtue for the provisions of section 12 sub section (I) of the Workman's Compensation Act, 1923 cost is obliged to pay compensation to a workman employed by the contractor or by a sub contractor for execution to said work Govt. will recover from the contractor the amount of the compensation paid and without prejudice to the rights of Govt. under section 12 sub section (2) of the said Act, Govt. shall be at liberty to recover such amount or any part there of by deducting if from the earnest money deposited by the contractor to his credit or any other sum due by Govt. to the contractor whether under this contract or other wise.
32. The contractor should have submit safety certificate for equipment each year separately in maintenance period.
33. The contractor shall arrange the certificate from electric inspector on completion of the electric installation at his own however any fee to be paid on this account shall be paid by the JDA.
34. The entire material should be as per PWD BSR 2013 of Electrical work of Schedule 'G' & specified main materials of schedule 'H' and shall be of ISI marked.

I/We have carefully study the instructions / conditions mentioned above & do hereby undertake to agree for the same.

**SIGNATURE OF CONTRACTOR  
WITH FULL ADDRESS:**

**EXECUTIVE ENGINEER (Elect-I),  
JDA, JAIPUR**

**Note :**

1. किसी भी निविदा को बिना कारण बताए निरस्त किया जा सकता है।
2. आवेदक / संवेदक को निविदा प्राप्त करने के लिए आवेदन के साथ पंजीयन प्रमाण पत्र की प्रति प्रस्तुत करना अनिवार्य है।
3. आवेदक / संवेदक को निविदा प्रपत्र पर अपना पता एवं दूरभाष नम्बर अंकित करना अनिवार्य है।

## **Annexure A : 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 the 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.

## **Annexure B : 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 proceeding 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 :

## **Annexure C : Grievance Redressal during Procurement Process**

The designation and address of the First Appellate Authority is ACE/DE-I, JDA, Jaipur

The designation and address of the Second Appellate Authority is JDC, JDA, Jaipur

### **(1) Filing an appeal**

If any Bidder or prospective bidder is aggrieved that any decision, action or omission of the Procuring Entity is in contravention to the provisions of the Act or the Rules or the Guidelines issued thereunder, he may file an appeal to First Appellate Authority, as specified in the Bidding Document within a period of ten days from the date of such decision or action, omission, as the case may be, clearly giving the specific ground or grounds on which he feels aggrieved: Provided that after the declaration of a Bidder as successful the appeal may be filed only by a Bidder who has participated in procurement proceedings: Provided further that in case a Procuring Entity evaluates the Technical Bids before the opening of the Financial Bids, an appeal related to the matter of Financial Bids may be filed only by a Bidder whose Technical Bid is found to be acceptable.

(2) The officer to whom an appeal is filed under para (1) shall deal with the appeal as expeditiously as possible and shall endeavour to dispose it of within thirty days from the date of the appeal.

(3) If the officer designated under para (1) fails to dispose of the appeal filed within the period specified in para (2), or if the Bidder or prospective bidder or the Procuring Entity is aggrieved by the order passed by the First Appellate Authority, the Bidder or prospective bidder or the Procuring Entity, as the case may be, may file a second appeal to Second Appellate Authority specified in the Bidding Document in this behalf within fifteen days from the expiry of the period specified in para (2) or of the date of receipt of the order passed by the First Appellate Authority, as the case may be.

### **(4) Appeal not to lie in certain cases**

No appeal shall lie against any decision of the Procuring Entity relating to the following matters, namely :-

- (a) Determination of need of procurement;
- (b) Provisions limiting participation of Bidders in the Bid process;
- (c) The decision of whether or not to enter into negotiations;
- (d) Cancellation of a procurement process;

(e) Applicability of the provisions of confidentiality.

**(5) Form of Appeal**

(a) An appeal under para (1) or (3) above shall be in the annexed form along with as many copies as there are respondents in the appeal.

(b) Every appeal shall be accompanied by an order appealed against, if any, affidavit verifying the facts stated in the appeal and proof of payment of fee.

(c) Every appeal may be presented to First Appellate Authority or Second Appellate Authority, as the case may be, in person or through registered post or authorized representative.

**(6) Fee for filing appeal**

(a) Fee for first appeal shall be rupees two thousand five hundred and for second appeal shall be rupees ten thousand, which shall be non-refundable.

(b) The fee shall be paid in the form of bank demand draft or banker's cheque of a Scheduled Bank in India payable in the name of Appellate Authority concerned.

**(7) Procedure for disposal of appeal**

(a) The First Appellate Authority or Second Appellate Authority, as the case may be, upon filing of appeal, shall issue notice accompanied by copy of appeal, affidavit and documents, if any, to the respondents and fix date of hearing.

(b) On the date fixed for hearing, the First Appellate Authority or Second Appellate Authority, as the case may be, shall,-

(i) Hear all the parties to appeal present before him; and

(ii) Peruse or inspect documents, relevant records or copies thereof relating to the matter.

(c) After hearing the parties, perusal or inspection of documents and relevant records or copies thereof relating to the matter, the Appellate Authority concerned shall pass an order in writing and provide the copy of order to the parties to appeal free of cost.

(d) The order passed under sub-clause (c) above shall also be placed on the State Public Procurement Portal.

**FORM No. 1**

[See Rule 83]

**Memorandum of Appeal under the Rajasthan  
Transparency in Public Procurement Act, 2012**

Appeal No. .... of .....

Before the ..... (First/Second Appellate Authority)

1. Particulars of appellant :

(i) Name of the appellant :

(ii) Official address, if any :

(iii) Residential address :

2. Name and address of the respondent (s) :

(i)

(ii)

(iii)

3. Number and date of the order appealed against and name and designation of the officer/authority who passed the order (enclose copy), or a statement of a decision, action or omission of the Procuring Entity in contravention to the provisions of the Act by which the appellant is aggrieved:

4. If the Appellant proposes to be represented by a representative, the name and postal address of the representative:

5. Number of affidavits and documents enclosed with the appeal :

6. Grounds of appeal : .....

(Supported by an affidavit)

7. Prayer : .....

Place .....

Date .....

**Appellant's Signature**

## **Annexure D : Additional Conditions of Contract**

### **1. Correction of arithmetical errors**

Provided that a Financial Bid is substantially responsive, the Procuring Entity will correct arithmetical errors during evaluation of Financial Bids on the following basis:

- i. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected, unless in the opinion of the Procuring Entity there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected;
- ii. If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected ; and iii. If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (i) and (ii) above.

If the Bidder that submitted the lowest evaluated Bid does not accept the correction of errors, its Bid shall be disqualified and its Bid Security shall be forfeited or its Bid Securing Declaration shall be executed.

### **2. Procuring Entity's Right to Vary Quantities**

(i) At the time of award of contract, the quantity of Goods, works or services originally specified in the Bidding Document may be increased or decreased by a specified percentage, but such increase or decrease shall not exceed twenty percent, of the quantity specified in the Bidding Document. It shall be without any change in the unit prices or other terms and conditions of the Bid and the conditions of contract.

(ii) If the Procuring Entity does not procure any subject matter of procurement or procures less than the quantity specified in the Bidding Document due to change in circumstances, the

Bidder shall not be entitled for any claim or compensation except otherwise provided in the Conditions of Contract.

(iii) In case of procurement of Goods or services, additional quantity may be procured by placing a repeat order on the rates and conditions of the original order. However, the additional quantity shall not be more than 25% of the value of Goods of the original contract and shall be within one month from the date of expiry of last supply. If the supplier fails to do so, the Procuring Entity shall be free to arrange for the balance supply by limited Bidding or otherwise and the extra cost incurred shall be recovered from the supplier.

### **3. Dividing quantities among more than one Bidder at the time of award (In case of procurement of Goods)**

As a general rule all the quantities of the subject matter of procurement shall be procured from the Bidder, whose Bid is accepted. However, when it is considered that the quantity of the subject matter of procurement to be procured is very large and it may not be in the capacity of the Bidder, whose Bid is accepted, to deliver the entire quantity or when it is considered that the subject matter of procurement to be procured is of critical and vital nature, in such cases, the quantity may be divided between the Bidder, whose Bid is accepted and the second lowest Bidder or even more Bidders in that order, in a fair, transparent and equitable manner at the rates of the Bidder, whose Bid is accepted.

<b>Tender Inviting Authority: Jaipur Development Authority, Jaipur</b>				
<b>Name of Work: Annual electrical Repair and maintenance of town planning building, JDA, Jaipur</b>				
<b>Contract No: NIB No-EE-Elect-I/08(3)/2015-16</b>				
<b>Bidder Name:</b>		<b>Less (-)</b>		<b>%</b>

#### **SCHEDULE OF WORKS**

**(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)**

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
1.00	P & F strip type fluorescent tube fitting fabricated from (CRCA sheet and finished with powder coating / stove enamelled paint) / (extruded non corrosive UV resist EP channel) complete with accessories (Low Loss Copper Choke, starter, starter seat) / Electronic Choke with terminal block duly prewired with copper conductor including making connection, testing etc. as required( without tube).					
1.10	1 X 36 Watts with EB	50.00	Each	377.00	Rupees Three Hundred & Seventy Seven Only	18850.00
2.00	P & F Fluorescent tube rod in existing fixtures as required, Fluorescent powder coated (minimum 3 star rating) 36/40 Watts	80.00	Each	63.00	Rupees Sixty Three Only	5040.00
3.00	P & F Ballast for existing FTL / CFL fixture as required.					
3.10	copper ballast 18/36 Watts suitable for FTL	80.00	Each	270.00	Rupees Two Hundred & Seventy Only	21600.00
4.00	P & F starter for existing fluorescent lamp fixture as required.					
4.10	FSU	100.00	Each	11.00	Rupees Eleven Only	1100.00
5.00	Rewinding of ceiling fan motor (starting and running winding) including all necessary material. The motor is to be wound taking no. of coils, turns and pitch as it was originally wound with required size super enamelled wire with 'E' class insulation material and making connections etc. as required. (New model ceiling fan)					
5.10	900/1200 mm sweep (New model ceiling fan)	30.00	Each	270.00	Rupees Two Hundred & Seventy Only	8100.00

5.20	1400 mm sweep (New model ceiling fan)	30.00	Each	314.00	Rupees Three Hundred & Fourteen Only	9420.00
6.00	Labour charges for removing and refixing of Ceiling fan/ Exhaust fan from site	30.00	Each	36.00	Rupees Thirty Six Only	1080.00
7.00	Charges for oiling, greasing, overhauling of ceiling fan, table fan, pedestal fan irrespect to the size of fan including removing,refixing of fan from site and testing etc. as required.	30.00	Each	60.00	Rupees Sixty Only	1800.00
8.00	Providing and Replacement of ball bearing of ceiling/ exhaust fan as required. (NBC/ SKF)	30.00	Each	133.00	Rupees One Hundred & Thirty Three Only	3990.00
9.00	Provinding & Replacement of M.S. Shaft of ceiling fan.	20.00	Each	116.00	Rupees One Hundred & Sixteen Only	2320.00
10.00	P & Replacement of cover/ bearing seat of ceiling/ exhaust fan.	20.00	Each	116.00	Rupees One Hundred & Sixteen Only	2320.00
11.00	P & F Aluminium Blades (a set of 3 blades) duly painted and well finished 900/ 1200 mm. The material of the fan blade shall be of designation 31500B with condition HX6 aluminium alloy sheet confirming to IS 737/2008	30.00	Each	184.00	Rupees One Hundred & Eighty Four Only	5520.00
12.00	Providing and Replacement of Gun metal bush of ceiling/exhaust/cooler fan/ as required.	10.00	Each	124.00	Rupees One Hundred & Twenty Four Only	1240.00
13.00	P & Replacement of M.S. Shaft of fan motor for Desert Cooler/ exhaust fan.	10.00	Each	127.00	Rupees One Hundred & Twenty Seven Only	1270.00
14.00	Painting of desert cooler with two coats of rubber paint inside of water tank and two coat of synthetic enamelled paint on both side of cooler body, fan body, grills etc.after cleaning with sand paper, complete in all respect as required.	10.00	Each	347.00	Rupees Three Hundred & Forty Seven Only	3470.00
15.00	Replacement of cooler pads (heavy) set of 3 no. of size 25" x 27"	20.00	Each	87.00	Rupees Eighty Seven Only	1740.00
16.00	P & Replacement of pvc pipe for vertical pump of desert cooler as required.	20.00	Each	19.00	Rupees Nineteen Only	380.00
17.00	Rewinding of 400 mm table fan/pedestal fan motor including all necessary material,The motor is to be wound taking no. of coils,turnsand pitch as it was originally wound with required size super enamelled wire with 'E' class insulation material and making connections etc. as required.	20.00	Each	237.00	Rupees Two Hundred & Thirty Seven Only	4740.00

18.00	P & Replacement of condensing/ cooling coil of copper fins for following capacity A.C./ Water cooler/ Fridge as required.					
18.10	1.5 TR A.C.	20.00	Each	2675.00	Rupees Two Thousand Six Hundred & Seventy Five Only	53500.00
19.00	Servicing of 1.0/1.5/2.0 TR capacity air conditioner after desmanteling	36.00	Each	505.00	Rupees Five Hundred & Five Only	18180.00
20.00	P & Replacement of overload protection of A.C./ Water cooler as required.	20.00	Each	374.00	Rupees Three Hundred & Seventy Four Only	7480.00
21.00	P & Replacement of thermostat of A.C./ Water cooler/fridge as required.	20.00	Each	346.00	Rupees Three Hundred & Forty Six Only	6920.00
22.00	P & Replacement of selector switch of 1.0/1.5/2.0 TR A.C Fan as required.	20.00	Each	112.00	Rupees One Hundred & Twelve Only	2240.00
23.00	P & Replacement of starting relay of A.C/water cooler/fridge compressor as required.	20.00	Each	376.00	Rupees Three Hundred & Seventy Six Only	7520.00
24.00	S & F of capacitor of 230V/ 275V, 50Hz rating of Usha/ Punsumi/ Priya/ Capital/ JEC/ AMCAP/ CONCAP make					
24.10	Starting capacitor 100-120 micro farad	40.00	Each	291.00	Rupees Two Hundred & Ninety One Only	11640.00
24.20	Starting capacitor 120-150 micro farad	40.00	Each	348.00	Rupees Three Hundred & Forty Eight Only	13920.00
24.30	Running capacitor 15.0 micro farad	40.00	Each	153.00	Rupees One Hundred & Fifty Three Only	6120.00
24.40	Running capacitor 25.0 micro farad	40.00	Each	256.00	Rupees Two Hundred & Fifty Six Only	10240.00
25.00	P & F of surface/ recess mounting CFL luminaire made from powder coated CRCA sheet with aluminium reflector assembly electrochemically brightened and anodized cross louvers, complete with accessories copper ballast, starter, holder, terminal block duly prewired with copper conductor including making connections, testing etc. as required (without lamp) Surface mounting					

25.10	2 X PL-9/11 Watt	40.00	Each	1294.00	Rupees One Thousand Two Hundred & Ninety Four Only	51760.00
25.20	2 X PL-18 Watt	40.00	Each	934.00	Rupees Nine Hundred & Thirty Four Only	37360.00
26.00	P & F energy efficient / energy saving direct fit (Retrofit) composite self ballasted compact flourscent lamp (CFL) with PF >0.85 in existing holder / fixture as required.					
26.10	11/13 Watt	150.00	Each	174.00	Rupees One Hundred & Seventy Four Only	26100.00
26.20	18/20 Watt	150.00	Each	236.00	Rupees Two Hundred & Thirty Six Only	35400.00
27.00	SITC of quick make and quick break 4 POLE current limiting MCCB having following current rating, short circuit breaking capacity at 440/415 V, 50 Hz; O/L & S/C settings and conforming to IS 60947-2 / IEC 60947-2 with front face and centralised adjustable, line load interchangeability, having positive isolation capability, provision for UVR , shunt trip ,earth fault trip, push ( test ) to trip , including making connections with lugs & spreaders, etc. as required. With Thermal Magnetic release					
27.10	up to 100 Amp , 16 kA, adjustable O/L & fixed S/C setting, Ics = 100 % Icu	4.00	Each	5800.00	Rupees Five Thousand Eight Hundred Only	23200.00
27.20	250 Amp , 35 kA, adjustable O/L & fixed S/C setting, Ics = 100 % Icu	4.00	Each	18989.00	Rupees Eighteen Thousand Nine Hundred & Eighty Nine Only	75956.00
27.30	400 Amp ,35 kA, adjustable O/L & adjustable S/C setting, Ics = 100 % Icu	2.00	Each	23821.00	Rupees Twenty Three Thousand Eight Hundred & Twenty One Only	47642.00
28.00	Supplying and drawing FR 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.					
28.10	1 x 1.5 sq.mm	1500.00	mtr	14.00	Rupees Fourteen Only	21000.00
28.20	2 x 2.5 sq.mm	1200.00	mtr	41.00	Rupees Forty	49200.00

					One Only	
28.30	3 x 2.5 sq.mm	1200.00	mtr	60.00	Rupees Sixty Only	72000.00
28.40	1 x 4.0 sq.mm	800.00	mtr	30.00	Rupees Thirty Only	24000.00
28.50	1 x 10.0 sq.mm	1000.00	mtr	78.00	Rupees Seventy Eight Only	78000.00
29.00	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, testing etc. as required. Single pole MCB					
29.10	6 A to 32 A rating	100.00	Each	151.00	Rupees One Hundred & Fifty One Only	15100.00
30.00	P&F 240/415 V isolator conforming to IS:13947-III/ IEC 60947-3 on existing board / sheet including making connections, testing etc. as required. Four pole Isolator 30 A / 40 A rating	100.00	Each	544.00	Rupees Five Hundred & Forty Four Only	54400.00
31.00	Wiring of light point/ fan point/ exhaust fan point/ 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 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,18 SWG M.S. box with earth terminal, 6 A switch, 3.0 mm thick ISI marked phenolic laminated sheet, pvc bushes, check nuts, zinc plated / brass screws, cup washers, making connections, testing etc. as required.					
31.10	Short point (up to 3 mtr.)	20.00	P.Point	297.00	Rupees Two Hundred & Ninety Seven Only	5940.00
31.20	Medium point (up to 6 mtr.)	20.00	P.Point	514.00	Rupees Five Hundred & Fourteen Only	10280.00
32.00	Wiring of light point/ fan point/ exhaust fan point/ 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 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 of 20 SWG with earth terminal, 6 A Modular switch,Modular plate					

	with grid plate, pvc bushes, check nuts, screws, making connections, testing etc. as required.					
32.10	Short point (up to 3 mtr.)	20.00	P.Point	341.00	Rupees Three Hundred & Forty One Only	6820.00
32.20	Medium point (up to 6 mtr.)	20.00	P.Point	552.00	Rupees Five Hundred & Fifty Two Only	11040.00
33.00	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 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, Hot Dipped Galvanized M.S Modular box of 20 SWG with earth terminal, 6 A modular switch, 6 A modular socket, Modular plate with grid plate, pvc bushes, check nuts, screws, making connections, testing etc. as required.					
33.10	On board	20.00	P.Point	251.00	Rupees Two Hundred & Fifty One Only	5020.00
33.20	Short point (up to 3 mtr.)	20.00	P.Point	418.00	Rupees Four Hundred & Eighteen Only	8360.00
33.30	Medium point (up to 6 mtr.)	10.00	P.Point	613.00	Rupees Six Hundred & Thirteen Only	6130.00
34.00	Supplying and fixing of Aluminium / Copper bus bar by means of SMC / DMC type insulator, high tensile nuts and bolts spring washers in existing panel including bending , cutting in required shape and size and colour coding with heat shrinkable PVC sleeves.					
34.10	Electrolytic grade Aluminium bus bar	5.00	Kg	420.00	Rupees Four Hundred & Twenty Only	2100.00
35.00	SF of (0-500) V range Volt meter on existing panel , making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required.					

35.10	Digital type	5.00	Each	1100.00	Rupees One Thousand One Hundred Only	5500.00
36.00	SF of selector switch of 10 A for voltmeter (4 position ) including making connection etc. as required .	5.00	Each	228.00	Rupees Two Hundred & Twenty Eight Only	1140.00
37.00	P & F Aluminium Blades (a set of 3 blades) duly painted/ powder coated. ( 1400/ 1500 mm) The material of the fan blade shall be of designation 31500B with condition HX6 aluminium alloy sheet confirming to IS 737/2008	5.00	Each	212.00	Rupees Two Hundred & Twelve Only	1060.00
38.00	P & F ISI marked (IS :3854) 6 amp. flush type switch including cutting hole in tile and making connection testing etc. as required.	20.00	Each	19.00	Rupees Nineteen Only	380.00
39.00	P & F ISI marked (IS :3854) 16 amp. flush type switch including cutting hole in tile and making connection testing etc. as required.	20.00	Each	47.00	Rupees Forty Seven Only	940.00
40.00	P & F ISI marked (IS :3854) twin control switch surface type including making connection testing etc. as required.	10.00	Each	33.00	Rupees Thirty Three Only	330.00
41.00	P & F ISI marked (IS :3854) 6A twin control switch flush type including cutting hole in tile and making connection testing etc. as required.	20.00	Each	21.00	Rupees Twenty One Only	420.00
42.00	P & F ISI marked hanging bell push/one way switch including making connection testing etc. as required.	20.00	Each	22.00	Rupees Twenty Two Only	440.00
43.00	P & F of 3 pin 6 amp. flush type socket including cutting hole in tile and making connection testing etc. as required.	10.00	Each	20.00	Rupees Twenty Only	200.00
44.00	P & F 3/6 pin 16 amp flush type socket including cutting hole in tile and making connection testing etc. as required.	20.00	Each	52.00	Rupees Fifty Two Only	1040.00
45.00	P & F ISI marked 6 amp bakelite unbreakable 3 pin plug top including making connection testing etc. as required.	20.00	Each	30.00	Rupees Thirty Only	600.00
46.00	P & F ISI marked 16 amp bakelite unbreakable 3 pin plug top including making connection testing etc. as required.	20.00	Each	45.00	Rupees Forty Five Only	900.00
47.00	P & F socket size flush type 120/280 watt rotary 5 step fan regulator including making connection testing etc. as required.	10.00	Each	210.00	Rupees Two Hundred & Ten Only	2100.00
48.00	P & F ISI marked flush/surface type buzzer including making connection testing etc. as required.	10.00	Each	50.00	Rupees Fifty Only	500.00
49.00	P & F ISI marked single tone electronic call bell including making connection testing etc. as required.	10.00	Each	225.00	Rupees Two Hundred & Twenty Five Only	2250.00
50.00	P & F office one module call bell system comprising of indicator, push to reset switch housed in pvc/metallic sheet including making connection testing etc. as required.	10.00	Each	95.00	Rupees Ninety Five Only	950.00

51.00	P & F ISI marked following semi modular accessories with decorative cover plate of approved colours including making connections testing est.' as required					
51.10	6 A bell push	10.00	Each	25.00	Rupees Twenty Five Only	250.00
51.20	16 A one way switch	10.00	Each	63.00	Rupees Sixty Three Only	630.00
51.30	5 step fan regulator	10.00	Each	229.00	Rupees Two Hundred & Twenty Nine Only	2290.00
52.00	S/F of following accessories of Transformer					
52.10	Winding temperature indicator (WTI ), Oil temperature indicator ( OTI ) , Magnetic Oil level Gauge ( MOG), Bucholz relay with A & T Contacts & Marshalling Box	1.00	Each	50625.00	Rupees Fifty Thousand Six Hundred & Twenty Five Only	50625.00
52.20	HT CABLE Box (in place of bushing in item no E280100)	1.00	Each	4275.00	Rupees Four Thousand Two Hundred & Seventy Five Only	4275.00
53.00	SITC of battery bank of min 150 AH capacity comprising SMF/VRLA batteries , MS / Teakwood battery stand , interconnect wiring etc as required complete in all respect of rating:					
53.10	24 V DC	1.00	Each	64125.00	Rupees Sixty Four Thousand One Hundred & Twenty Five Only	64125.00
54.00	P & F Normal / High Output High pressure sodium vapour/ Metal halide / Halogen lamp as required. HPSV Tubular lamp Normal Output 150 Watt 15000 Lumens	15.00	Each	465.00	Rupees Four Hundred & Sixty Five Only	6975.00
55.00	P & F Electronic ignitor suitable for HPSV/ Metal halide lamp up to 30.0 Mtr. distance as required.	15.00	Each	270.00	Rupees Two Hundred & Seventy Only	4050.00
56.00	P & F vacuum pressure impregnated copper ballast suitable for HPMV / HPSV / Metal halide lamp luminaire as required. For HPSV/Metal halide lamp 150 Watt	15.00	Each	1530.00	Rupees One Thousand Five Hundred & Thirty Only	22950.00

57.00	P & F of 4 star rated vertical storage water heater with outer casing made of M.S.sheet finished with anti-corrosive powder coating,inner tank made of pure electrolytic copper/stainless steel / SPHP, Tubular copper sheathed and Nickel plated heating element/ twin ceramic cartridge heating element, stem type thermostat and thermal cut out,Dual indicating lamps for power supply and thermostat,PUF insulation, Pressure relase valve,fusible plug etc. as required held in position with 4 no. rack bolts,duly wired with 3 core 2.5/4.0 Sqmm PVC insulated & sheathed copper conductor and 16 A/25A three pin plug top,including making inlet,outlet heavy gauge C.P./ Flexible alloy connection,testing etc. as required. 10 Ltr.	4.00	Each	7488.80	Rupees Seven Thousand Four Hundred & Eighty Eight and Paise Eighty Only	29955.20
Total Estimated Cost in Figures						<b>1103423.20</b>
Quoted Amount					<b>1103423.20</b>	<b>1103423.00</b>
Quoted Rate in Words		<b>Rupees Eleven Lakh Three Thousand Four Hundred &amp; Twenty Three Only</b>				

V