

जयपुर विकास प्राधिकरण, जयपुर

इन्दिरा सर्किल जे.एल.एन. मार्ग, जयपुर

बिड सूचना / जविप्रा / अधि.अभि. / विद्युत-चतुर्थ / 2016-17 / डी-

दिनांक:

पूर्णकालीन बिड सूचना सं. 18 / 2016-17

जविप्रा के जोन (विद्युत चतुर्थ) में जविप्रा के स्टॉफ क्वाटर्स लाल कोठी, मालवीय नगर, सेठी कालोनी एवं नेहरू पैलेस भवन का विद्युत वार्षिक रख-रखाव एवं मरम्मत का कार्य के लिए दिनांक 14. 11.2016. साय 6.00 बजे तक ऑन लाईन निविदा आमंत्रित की जाती हैं विस्तृत विवरण को, जो कि निविदा प्रपत्र में उपलब्ध है, अद्योहस्ताक्षरकर्ता के कार्यालय में अथवा राजस्थान सरकार के उपापन पोर्टल www.sppp.raj.nic.in व www.eproc.rajasthan.gov.in एवं जयपुर विकास प्राधिकरण की वेबसाइट www.jaipurjda.org पर देखी जा सकती है।

निविदादाता को निविदा में भाग लेने हेतु आवश्यक है कि :-

1. जयपुर विकास प्राधिकरण की वेबसाइट www.jaipurjda.org पर पंजीकृत हो। निविदा शुल्क व आर.आई.एस.एल. प्रक्रिया शुल्क केवल ऑन लाईन ही देय होगी। बोली प्रतिभूति ऑनलाईन अथवा बैंक गारन्टी के द्वारा दी जा सकती है।
2. ऑन लाईन निविदा में भाग लेने हेतु राजस्थान सरकार के पोर्टल www.eproc.rajasthan.gov.in पर पंजीकृत हो।

अधिशायी अभियन्ता (विद्युत-चतुर्थ),
जविप्रा, जयपुर।

JAIPUR DEVELOPMENT AUTHORITY

Room No. 114, Court Building, Ist Floor, Ram Kishore Vyas Bhavan, Indira Circle, Jawahar Lal Nehru Marg, Jaipur - 302 004

Telephone: +91-141-2569696 e.mail : ee.electric4@jaipurjda.org

No. JDA/XEN/Elect-IV/2016-17/D-

Dated :

NOTICE INVITING BID

NIB No.- : 18/2016-17

Online Bids are invited up-to 06:00 PM of 14.11.2016 for Annual Electrical Repair & Maintenance of staff Quarter at Lal Kothi, Malviya Nagar, Sethi Colony & Nehru Palace Building, JDA, Jaipur. Details may be seen in the Bidding Document at our office or the website of State Public Procurement Portal website www.sppp.rajasthan.gov.in, www.eproc.rajasthan.gov.in and www.jaipurjda.org.

To participate in the bid, bidder has to be:

1. Registered on JDA website www.jaipurjda.org

For participating in the Bid, the Bidder has to apply for the Bid and pay the Bidding 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 for online e-Bid submission.

Executive Engineer (Elect-IV)
JDA, Jaipur

Template of Detail NIB for uploading on SPP Portal, e-Procurement, JDA Portal & as part of NIB Document

JAIPUR DEVELOPMENT AUTHORITY

Room No. 114, Court Building, 1st Floor, Ram Kishore Vyas Bhavan, Indira Circle, Jawahar Lal Nehru Marg,
Jaipur - 302 004 Telephone: +91-141-2569696 e.mail : xxxxxxx@jaipurjda.org
JDA/XEN/Elect-IV/2016-17/D-

Dated :

NOTICE INVITING BID

NIB No. : 18/2016-17

Name & Address of the Procuring Entity	<ul style="list-style-type: none"> ➤ Name: Executive Engineer (Elect-IV), Jaipur Development Authority ➤ Address: Room No. 114, Court building, 1st Floor, Ram Kishore Vyas Bhavan, Indira Circle, Jawahar Lal Nehru Marg, Jaipur - 302 004 (Rajasthan) ➤ Email: ee.electric4@jaipurjda.org
Subject Matter of Procurement	Annual Electrical Repair & Maintenance of staff Quarter at Lal Kothi, Malviya Nagar, Sethi Colony & Nehru Palace Building, JDA, Jaipur.
Bid Procedure	Single Bid eBid procedure at http://eproc.rajasthan.gov.in
Bid Evaluation Criteria (Selection Method)	➤ L1 (eg. Least Cost Based Selection (LCBS)-L1)
Websites for downloading Bidding Document, Corrigendum's, Addendums, etc.	➤ Websites: www.sppp.rajasthan.gov.in , www.eproc.rajasthan.gov.in , jda.urban.rajasthan.gov.in
Website for online Bid application and payment *	<ul style="list-style-type: none"> ➤ Website: http://jda.urban.rajasthan.gov.in ➤ 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"> ○ Bidding document fee: Rs. 500.00 Rupees (Five Hundred only) ○ RISL Processing Fee: Rs. 1000 (Rupees One Thousand only) ○ Requisite Bid Security Deposit -
Work completion period	➤ 12 (Twelve) Month
Estimated Procurement Cost	➤ INR 31,00,921.00 (Rs. Thirty One Lacs Nine Hundred Twenty One only)
Bid Security Deposit	➤ Amount (INR) : 2% 62018.00) of Estimated Procurement Cost, 0.5% of S.S.I. of Rajasthan, 0.5% (15505.00) 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
Pre-Bid	➤ N/A
Start/ End Date for Bid Applying, Online Payment and Bid Submission	<ul style="list-style-type: none"> ➤ Start Date: 24.10.2016 at 09.30 AM onwards End Date: 14.11.2016 at 06:00 PM
**Date/ Time/ Place of Technical Bid Opening	➤ N/A
Physical BG (Earnest Money) submission date & time	<ul style="list-style-type: none"> ➤ Start Date: 15.11.2016 at 09.30 AM onwards ➤ Closing Date: 15.11.2016 at 06:00 PM
Date/ Time/ Place of Financial Bid Opening	<ul style="list-style-type: none"> ➤ 17.11.2016 at 3.30 PM ➤ Room No. CCC TF-309, IIIrd Floor, CCC building, Ram Kishore Vyas Bhavan, Indira Circle, Jawahar Lal Nehru Marg, Jaipur - 302004 (Rajasthan)
Bid Validity	➤ 120 days from the bid submission deadline
Job No. 180/2016-17	

* 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.

** There should be a gap of 3 working days **BETWEEN** End Date for Bid Applying, Online Payment & Bid Submission **AND** Bid opening date.

Note:

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 e-Proc website for further details about the e-Tendering process.
6. Training for the bidders on the usage of e-Tendering System (e-Procurement) 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
Address : e-Procurement Cell, JDA, Yojana Bhawan, 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-IV)
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.

To participate in the bid, bidder has to be:

1. Registered on JDA website 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 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 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 under [e-Services](#)>>JDA Tender

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

Bid Id : 6215152001	Procurement Entity : XXXXXXXXXXXXX
Bid Title : Testing	
Bid Value : 300000	Bid Opening Place : Manthan Hall, Jaipur Development Authority

Bidder Detail

Name of Entity :	XXXXXXXXXXXX	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

Instrument Type: 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
Issuer Detail : Jaipur Development Authority		ChallanNumber: 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 2016 JDA BSR (Elect) 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.

Signature of Contractor
with full address.

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

JAIPUR DEVELOPMENT AUTHORITY, JAIPUR

SPECIAL CONDITION

SCHEDULE 'H'

01. If there is any typographical error or otherwise in the 'G' Schedule the rates given in the relevant BSR on which schedule 'G' has been prepared, shall prevail.
02. Special Conditions of Contract regarding Defect Liability Period (DLP) for Roads works costing Rs. 25.00 lacs and more shall be applicable
03. The contractor shall follow the contractor labour regulation and abolition Act 1970 & Rule 1971.
04. The JDA shall have right to cause on audit and 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 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 then that was due to him under the contract in respect of any work executed by him under it, the amount of such under payment shall be paid bay the JDA to the contractor.
05. The contractor shall not work after the sunset and before sunrise without specific permission of the authority Engineer.
06. Whenever any claim against the contractor for the payment of a sum of money arises out or under the contracts, the JDA shall be entired 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 of if no security has been taken from the contractor then the balance of the total sum recoverable as the case may shall be deducted from any sum then due or which a 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 effect such recoveries under P.D.R. Act.
07. The rate quoted by the contractor shall remain valid for a period of 4 (Four) months from the date of opening of the tenders.
08. By submission of this tender the contractor agree to abide with all printed conditions provided in the PWD manual from 64 (Chapter 3-para 36) and subsequent modification.

09. No conditions are to be added by the contractor and conditional tender is liable to be rejected.
10. All transaction in the execution of this work and this tender will be liable to sale-tax vide section 2(B) read with sub clause (4) Sale-tax Rule, 1954.
11. If any bidder withdraws his tender prior to expiry of said validity period given at S. No. 7 or mutually extended prior or makes modifications in the rates, terms and conditions or fails to the tender 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 from absolutely. If any contractor, who having submitted a tender does not execute the agreement or start the work or does not complete the work and the work has to be put to retendering, shall stand debarred for 6 Months from participating of tendering in JDA in addition to forfeiture of Earnest Money/Security/Performance Guarantee and other action under agreement.
12. The contractor shall arrange his own machinery required for the work.
13. The contractor shall arrange his own storage, yard of sufficient capacity for storing wherever supplied by the department.
14. Rules regarding enlistment of contractors provide that work ; upto five times limit for which they are qualified for tendering can be allotted to them Therefore, before tender the contractors will keep this in mind, and submit the details of work. Tenders with incomplete or incorrect information are liable to be rejected.
15. Any material not conforming to the specifications collected at site shall have to be removed by the contractor within a period of 3 days of the instructions, issued by the Engineer-In charge in writing. Failing which, such material shall be removed by the Engineer-In charge at risk and the contractor after expiry of 3 days period.
16. The material collected at site and paid provisionally shall remain under the watch and ward of the contractor till it is consumed, fully on the work.
17. None of the permanent works shall be carried out during night or Sunday or any authorized holiday without permission in writhing of the Engineer-In charge.
18. **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 underground cable, poles, existing surface drain, water connection, 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.

19. The contractor/firm or company will display necessary signboards & lights from safety point on view during nights at site of work on his own cost as directed by the authorized Engineer In charge.
20. The surplus earth & damaged materials will be immediately removed from the site of work & dumped as per instruction of Engineer In charge.
21. No extra payment will be made to the contractor on account of clearance of soakage well/septic falling in the alignment of overhead or underground line.
22. The onus of safety and security of men and material at work including the road user shall be completely of the contractor only.
23. The rate provided in tender documents is inclusive of all Taxes & royalty.
24. The bidder are required to furnish the following documents along with the tender:
 - i. Duly executed power of attorney in original along with two certified copies in the name of the tender's authorized representative to act on behalf of the tenderer and the power to agree to refer dispute to arbitration.
 - ii. Sales Tax & Income-Tax clearance certificate.
 - iii. Construction programme of work in the form of bar charts.
 - iv. Financial resourced with particulars.
 - v. Constitution, capital, registration, place of business of the tenderer.
 - vi. Particulars of registration with central or State Government Organization if any.
 - vii. Details of work of similar type and magnitude already carried out by the tender.
 - viii. Details of work Tendered for and as on the date of issue of tender.
 - ix. Details of Plant machinery available with the tender for this work.
 - x. Details of plant machinery proposed to be used on the work; but not immediately available.
 - xi. **Details of qualified technical personnel proposed to employed on the work.**
 - xii. A declaration to the effect that the tenderer is engineering construction firm or any associate of such firms which has successfully carried out large works of this nature and have adequate organization and experienced personnels to handle the present work.
 - xiii. Copies of certificates if any.

25. No extra load 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.
26. Undersigned has full right to reject any or all tenders without given any reasons.
27. It is a mandatory condition that contractor will get all insulated material tested from CTL of JVVNL before using it at site.
28. All the provision of the RAJASTHAN TRANSPARENCY IN PUBLIC PROCURMENT ACT,2012 AND RULES, 2013 WILL BE APPLICABLE. IF THERE IS ANY CONTRADICTIONS IN EXISTING SPECIAL CONDITIONS AND PROVISION OF THE RAJASTHAN TRANSPARENCY IN PUBLIC PROCURMENT ACT,2012 AND RULES, 2013 SHALL BE APPLICABLE.

SIGNATURE OF CONTRACTOR
WITHFULL ADDRESS:

EXECUTIVE ENGINEER (Elect.IV),
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. DLP period for various type of above works will now be governed by Director (Engineering-I) office order no. 29 dated 11.03.2016 (Copy Enclosed named by DLP period)
2. 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.
3. The contractor will coordinate for the system handing over and charging process and if any defects, is pointed out by the RSEB/JVVNL/PWD/JNN, then he will have to rectify the same.
4. The final bill shall be paid after the lines and substations are handed over to RSEB/JVVNL/PWD/JNN and system is charged.
5. Inspection shall be bear by the contractor it self.
6. The material shall be purchased from the firms, which are also supplying the material to RSEB/JVVNL.
7. All HT/LT cables should be sequentially marked with cable size & length duly embossed.
8. 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.
9. **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.**
10. It is a mandatory condition that contractor will get all insulated material tested from CTL of JVVNL before using it at site.

Executive Engineer (Elect.-IV)
JDA, Jaipur

I carefully study & do agree for above terms & Conditions.
Signature & Seal of the Contractor

JAIPUR DEVELOPMENT AUTHORITY, JAIPUR
DETAILED SPECIAL CONDITION AND SPECIFICATIONS

1. The scope of the Schedule 'H' and 'G' comprises HT/LT Line work on the road mentioned in schedule 'G'
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 retardared caution signs during the execution of work at his own cost in order in to avoid any mis-happening.
4. No opening shall be left uncovered during night. The tenderer shall make all arrangement to avoid any claim if preferred on his account shall be the liability of the tenderer.
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 tenderer 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 tender 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 standard 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 site clear shall be done within 24 hours.
9. The work shall be carried out strictly domplying within Indian Electricity Rules in forces and as per specifications for Electrical work issued by PWD Raj., Jaipur 1980.
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 cable 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 upto 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 increases 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 band or curve radius of such trench shall be at least 12 time the over all dia meter 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 rever sand or any other type of soil as directed by Engineer-In-Charge in 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. The HPSV luminaries with bulbs supplied by the department at free of cost and the same shall be collected from JDA stores kept at site with proper handing at his own cost. It shall be installed by the contractor in perfect working order on the tubular poles as per the instructions of the site with In-charge.

13. **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.
14. **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.
15. **Errection of Poles**
The MS welded swaged tubular poles are to be supplied by the department. Tolerances if any shall be as per ISI specifications in force for poles 1/6 of length of the pole plus 15 cm from its base shall be coated with back bitumen paints. The poles are required to be erected by providing 1 coat of red oxide and finally work coats of aluminum paints. The pole is required to be erected by providing protective sleeve of 40mm. G.I. Pipe 'A' class embodied in foundations 1:3:6 1 cement, 3 coarse and 6 graded stone aggregate 12mm normal size with all with SQM base below the bottom at pole as per drawing enclosed . Pole should be completed with all hardware dully treated with anticorrosive and required painting cable entry holes with all required sleeve luminaries nipple as per requirement under the instructions of Engineer In charge. The pole shall be erected in proper alignment, the pole shall be in length of steps can alter with prior permission of Engineer.
16. **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.
17. **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 results shall be recoated and singed jointly.
18. **Earthing Testing:** Earth test shall be performed by the contractor and results will be used be recorded and signed jointly.
19. Any other test for cable etc. required shall be arranged by the contractor.
20. Material available in the JDA store shall be used and will be supplied at the store issue rate.
21. No condition of any short except as provided in the printed from schedule of quantities will be entertained.
22. Conditions given in the tender from apply in full.
23. 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 nonpayment of wages is received to the department.
24. The rate of every item should be quoted against each in figures and in words as well for complete Non BSR Items.
25. 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 tenders.
26. In case of any dispute the Zone Engineer (Electrical) decision shall be final.
27. The tenderers 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 tenders.
28. 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.
29. Contractor will not be paid extra for sales or any other tax.

30. Tender must be submitted on the prescribed forms duly signed by the tenderers on every page.
31. All entries by the tenderers should be in on ink only. Erasers and over writings are not permissible. All cancellation correction and insertions must be signed by the tenderer.
32. 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.
33. All the papers signed by the parties to this contract and bond together and sealed shall deemed to from part of the contract bond and shall be read as conditions of contract.
34. 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 of 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 mony deposited by the contractor to his credit or any other sum due by Govt. to the contractor whether under this contract or other wise.
35. The contractor shall arrange the electric connection from concern electric supply company at his own before release of the final Bill. However, any fee to be paid on this account shall be paid by the JDA.
36. 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.
37. The contractor is required to submit registration certificate with P.F. Department.
38. The entire material of Schedule 'G' & specified main materials of schedule 'H' shall be inspected / tested at manufacturing site by an officer not below the rank of sector Engineer and the cost of inspection shall be borne by the contractor itself.

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

SIGNATURE OF CONTRACTOR
WITHFULL ADDRESS:

EXECUTIVE ENGINEER (Elect.-IV),
JDA, JAIPUR

Note:-

1. किसी भी निविदा को बिना कारण बताये निरस्त किया जा सकता है।
2. आवेदक / संवेदक को निविदा प्राप्त करने के लिये 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 JDC, JDA Jaipur

The designation and address of the Second Appellate Authority is EC, 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

• 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 . 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) 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.

(ii) On repeat order for extra items for additional quantity may be placed if it is provided in the bidding documents on the rates and conditions given in the contract, if the original order was given after inviting open competitive bids. Delivery or completion period may also be proportionately increase. The limits of repeat order shall be as under.

- (a) 50% of the qty of the individual items and 50% of the value of original contract in case of works and
- (b) 50% of the value of goods or services of the original contract.

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.

**SPECIAL CONDITIONS OF CONTRACT REGARDING
DEFECT LIABILITY PERIOD (DLP) FOR ROADS/ ELECTRICALS WORKS**

As per the decision taken in the 201st meeting of Executive Committee held on 23.02.2016 w.r.t. agenda no. 201:22, DLP period of various natures of works amounting more than Rs. 25 lakhs has been revised as per following time periods based on nature of works.

This order will supersede the earlier orders issued in this regard i.e. order No. JDA/TA to D(E)/2010-11/D-317 dated 28.04.2011 including Special Condition No. 2.2.2 & 2.2.3 of Annexure-I related to SD refund & forfeiture (other Special Condition of annexure-I of this order will remain valid) and order No. JDA/Ex.En.(Pr.-5 & TA)/2013/D-43 dated 27.02.2013 and also all pertaining orders, in contract agreements or in PWF&AR having DLP period different than what is being enforced through this present order for concerned type of work.

Table-I

S.No.	Type of work	Existing DLP Period	As per approved in E.C. held on 23.02.2016
1.	Bridge Work	3 years	5 Years
2.	CD Work	3 years	5 Years
3.	CC Road. PQC Work	3 years	5 Years
4.	CC tiles/Kerbs/medians	3 years	5 Years
5.	Drains	6 Months	3 Years
6.	Roads		
	(i)Two layer WBM/GSB	3 years	6 months or one full rainy season which ever is later
	(ii)For Renewal/Strengthening		
	(a)BT upto 30 mm thickness	3 years	1 Years
	(b)BT above 30 mm to upto 40 mm	3 years	2 Years
	(c)BT above 40 mm to upto 90 mm	3 years	3 Years
	(d)BT above 90 mm thickness	3 years	5 Years
	(iii) New Roads		
	(a) BT upto 90 mm	3 years	3 Years
	(b) BT more than 90 mm	3 years	5 Years
7.	Compound wall	6 Months	3 Years
8.	Building Work		
	(i) Work pertaining to Sanitary work electrical works, Joinery works and painting works.	6 Months	2 Years
	(ii) Work pertaining to Building structure and other civil works	6 Months	5 Years
9.	Electric work except maintenance	6 Months	3 years
10.	Sewer/Water supply all including STP and water supply related work except maintenance works.	6 Months	3 Years

The release of SD amount shall be as per following table :-

Table-II

S.No.	DLP Period	Released SD	1 Year	2 Years	3 Years	5 Years
-------	------------	-------------	--------	---------	---------	---------

1.	Upto 1 year	100%	40%	20%	10%
2.	Upto 2 year		60%	20%	10%
3.	Upto 3 year			60%	10%
4.	Upto 4 year				20%
5.	Upto 5 year				50%

Various condition for managing DLP are as under :-

- (i) At the time of completion of work, final componnt shall be worked out for each individual item like BT/CC/tiles/ drains etc (as per different categories in Table-I), DLP shall be operative based upon type of individual item ex:- CC-5 years, BT1/2/3/5 years, Drain-3 years etc.
- (ii) Similarly for all new works, these components should be calculated at the time of TS itself, which should be made part of BID document.
- (iii) If any work, amount is less than Rs. 25 lacs but later on due to extra/excess work, if amount of final work cresses more than Rs. 25 lacs, DLP shall be operative as per rule for each individual items.
- (iv) Similarly if any work is more than Rs. 25 lacs but after finalization amount or work is less than Rs. 25 lacs, DLP should be operative for six months or rainy season whichever is late.
- (v) During DLP period if contractor fails to repair any work even after issue of 7 days written notice, same work shall be got executed by respective Executive Engineer at the contractor's risk and cost. This process shall be applicable throughout the DLP period. After completion of DLP period in such works contractor should be debarred and blacklisted. From JDA for three years as per RTPP rule 2012 and 2013 where he defaults twice in a single agreement or in two different works.
- (vi) Quarterly Inspection as per rules shall be carried out and DLP registers shall be maintained by respective Executive Engineers to monitor the DLP repairs.
- (vii) Special and regular inspection shall also be carried out as per order no. JDA/Ex.En. & TA to DE-I/2014-15/D-223 dated 12.03.2015 and order no. SE (PMGSY) CIRULAR 2006/D-115 dated 04.05.2006 Point no. 3.
- (viii) In case JDA feels to take up work on any existing DLP road due to any reason, following procedure should be adopted:
 - (a) At the time of withdrawal total liability of repairs as per DLP conditions to be carried out and contractor shall be asked to complete the same. After completion of assessed repairs DLP period shall be released after deduction amt. as per table III

Table-III

<div>% Recovery on withdrawal of DLP of work order</div> <div>DLP period</div>	1 Year	2 Year	3 Year	4 Year	5 Year
1 Year	1.12	-	-	-	-
2 Year	2.55	1.43	-	-	-
3 Year	4.38	3.26	1.83	-	-
5 Year	9	7.88	6.45	4.62	2.47

Note :- Calculation is to be done on quarterly basis.

- (b) In case Contractor fails to carry out these repairs, same shall be carried out at his risk and cost. If the total amt. of such repairs works out to be more than total retained amt. of SD same shall be recovered from other works and as per PDR rules. The amount as per Table III is also to be deducted in addition to this amount.
- (ix) Based upon type of work, DLP conditions for works to be carried out during DLP period with their frequency of respective type of work shall be prepared by respective SE's after approval of these periods.

This order shall come in force with immediate effect and will be applicable on all new works whose NIB is to be called.

Signature of contractor with

Executive Engineer –(Elect-IV)

Full address.

JDA, Jaipur.

Tender Inviting Authority: Jaipur Development Authority, Jaipur						
Name of Work : Annual Electrical Repair & Maintenance of Staff Quarter at Lal Kothi, Malviya Nagar, Sethi Colony & Nehru Palace Building, JDA, Jaipur						
Contract No: NIB No EE-(Elect.-IV)/18/2016-17						
Bidder Name:			Less (-)			%
SCHEDULE OF WORKS						
Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
1	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 on surface ISI marked (IS:14927 P - II) PVC casing capping & 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, zinc plated / brass screws, cup washers, making connections, testing etc. as required.					
1.1	Short point (up to 3 mtr.)	80	P.Point	155.20	Rupees One Hundred & Fifty Five and Paise Twenty Only	12416.00
1.2	Medium point (up to 6 mtr.)	80	P.Point	234.40	Rupees Two Hundred & Thirty Four and Paise Forty	18752.00
1.3	Long point (up to 10 mtr..)	80	P.Point	332.00	Rupees Three Hundred & Thirty Two Only	26560.00
2	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 FR PVC insulated unsheathed flexible copper earth conductor 1.1 kV grade (IS:694) of approved make on surface ISI marked (IS:14927 P - II) PVC casing capping & it's accessories, round tles,18 SWG M.S. box with earth terminal, 6 A two way switch, 3.0 mm thick ISI marked phenolic laminated sheet, zinc plated / brass screws, cup washers, making connections, testing etc. as required.					
2.1	Short point (up to 3 mtr.)	30	P.Point	157.60	Rupees One Hundred & Fifty Seven and Paise Sixty	4728.00
2.2	Medium point (up to 6 mtr.)	30	P.Point	237.60	Rupees Two Hundred & Thirty Seven and Paise Sixty	7128.00
2.3	Long point (up to 10 mtr..)	30	P.Point	333.60	Rupees Three Hundred & Thirty Three and Paise Sixty	10008.00
3	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 on surface ISI marked (IS:14927 P - II) PVC casing capping & it's accessories, 18 SWG 175 mm x 100 mm x 60 mm M.S. box with earth terminal, 6 A switch, 6 A socket, 3.0 mm thick ISI marked phenolic laminated sheet, zinc plated / brass screws, cup washers, making connections, testing etc. as required.					
3.1	On board	30	P.Point	72.80	Rupees Seventy Two and Paise Eight	2184.00
3.2	Short point (up to 3 mtr.)	30	P.Point	185.60	Rupees One Hundred & Eighty Five and Paise Sixty	5568.00
3.3	Medium point (up to 6 mtr.)	30	P.Point	260.80	Rupees Two Hundred & Sixty One and Paise Sixty	7824.00
3.4	Long point (up to 10 mtr..)	30	P.Point	353.60	Rupees Three Hundred & Fifty Three and Paise Sixty	10608.00
4	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 on surface ISI marked (IS:14927 P - II) PVC casing capping & it's accessories, round tiles, Moulded PVC Modular Box with , 6 A Modular switch,Modular plate with grid plate, screws, making connections, testing etc. as required.					
4.1	Short point (up to 3 mtr.)	15	P.Point	192.00	Rupees One Hundred & Ninety Two Only	2880.00
4.2	Medium point (up to 6 mtr.)	15	P.Point	265.60	Rupees Two Hundred & Sixty Five and Paise Sixty	3984.00
4.3	Long point (up to 10 mtr..)	15	P.Point	361.60	Rupees Three Hundred & Sixty One and Paise Sixty	5424.00
5	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 MMS (IS:9537 P - III) PVC 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, zinc plated / brass screws, cup washers, making connections, testing etc. as required.					
5.1	Short point (up to 3 mtr.)	10	P.Point	172.00	Rupees One Hundred & Seventy Two Only	1720.00
5.2	Medium point (up to 6 mtr.)	10	P.Point	270.40	Rupees Two Hundred & Seventy Four and Paise Forty	2704.00
5.3	Long point (up to 10 mtr..)	10	P.Point	379.20	Rupees Three Hundred & Seventy Nine and Paise Twenty	3792.00

Signature of Tenderer with seal

Tender Inviting Authority: Jaipur Development Authority, Jaipur						
Name of Work : Annual Electrical Repair & Maintenance of Staff Quarter at Lal Kothi, Malviya Nagar, Sethi Colony & Nehru Palace Building, JDA, Jaipur						
Contract No: NIB No EE-(Elect.-IV)/18/2016-17						
Bidder Name:		Less (-)				
SCHEDULE OF WORKS						
Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
6	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 FR PVC insulated unsheathed flexible copper earth conductor 1.1 kV grade (IS:694) of approved make in surface / recessed ISI marked MMS (IS:9537 P - III) PVC conduit & it's accessories, round tles,18 SWG M.S. box with earth terminal, 6 A two way switch, 3.0 mm thick ISI marked phenolic laminated sheet, zinc plated / brass screws, cup washers, making connections, testing etc. as required.					
6.1	Short point (up to 3 mtr.)	10	P.Point	175.20	Rupees One Hundred & Seventy Five and Paise Twenty Only	1752.00
6.2	Medium point (up to 6 mtr.)	10	P.Point	272.00	Rupees Two Hundred & Seventy Two Only	2720.00
6.3	Long point (up to 10 mtr..)	10	P.Point	380.00	Rupees Three Hundred & Eighty Only	3800.00
7	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.					
7.1	1 x 1.5 sq.mm	700	Mtr.	11.20	Rupees Eleven and Paise Twenty	7840.00
7.2	2 x 1.5 sq.mm	550	Mtr.	20.80	Rupees Twenty and Paise Eighty	11440.00
7.3	1 x 2.5 sq.mm	650	Mtr.	16.80	Rupees Sixteen and Paise Eighty	10920.00
7.4	2 x 2.5 sq.mm	1100	Mtr.	32.80	Rupees Thirty Two and Paise Eighty Only	36080.00
7.5	1 x 4.0 sq.mm	200	Mtr.	24.00	Rupees Twenty Four Only	4800.00
7.6	1 x 6.0 sq.mm	200	Mtr.	36.80	Rupees Thirty Six and Paise Eighty	7360.00
7.7	1 x 10.0 sq.mm	100	Mtr.	62.40	Rupees Sixty Two and Paise Eighty Only	6240.00
8	Supplying and fixing of power plug point accessories on 18 SWG metal box of size 175 x 100 x 60 mm. on surface or in recessed with suitable size phenolic laminated sheet cover including cost of 6 pin 16 amp. Switch and socket outlet , making connection , testing , etc. as required.	35.00	Each	188.00	Rupees One Hundred & Eighty Eight Only	6580.00
9	P & F 18 SWG Sheet steel boxes duly finished with two coats of red oxide and with earthing terminal of following sizes (nominal size) on surface or in recessed as required.					
9.1	75mm x 75mm x 60mm	5	Each	26.4	Rupees Twenty Six and Paise Eighty Only	132.00
9.2	100mm x 100mm x 60mm	5	Each	36.00	Rupees Thirty Six Only	180.00
9.3	150mm x 75mm x 60mm	5	Each	40.80	Rupees Forty and Paise Eighty	204.00
9.4	175mm x 100mm x 60mm	5	Each	45.60	Rupees Forty Five and Paise Eighty	228.00
9.5	150mm x 150mm x 60mm	5	Each	49.60	Rupees Forty Nine and Paise Eighty	248.00
9.6	225mm x 100mm x 60mm	5	Each	49.60	Rupees Forty Nine and Paise Eighty	248.00
9.7	200mm x 150mm x 60mm	5	Each	61.60	Rupees Sixty One and Paise Sixty	308.00
9.8	200mm x 125mm x 75mm	5	Each	70.40	Rupees Seventy and Paise Forty	352.00
9.9	200mm x 250mm x 100mm	5	Each	93.60	Rupees Ninety Three and Paise Eighty	468.00
9.1	250mm x 300mm x 75mm	5	Each	112.80	Rupees One Hundred & Twelve and Paise Eighty Only	564.00
10	P & Fixing M.S. sheet on existing angle iron frame by means of nuts and bolts and making required no. of holes for fixing accessories including two coat of red oxide paint and two coats of enamel paint etc. as required.					
10.1	2.0 mm thick	20	Sqm	828.80	Rupees Eight Hundred & Twenty Eight and Paise Eighty Only	16576.00
11	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.					
11.1	Single pole MCB 0.5 A to 5 A rating	100	Each	120.80	Rupees One Hundred & Twenty Eight Only	12080.00
11.2	Double pole MCB 6 A to 32 A rating	20	Each	320.80	Rupees Three Hundred & Twenty Eight Only	6416.00
11.3	Four pole MCB 6 A to 32 A rating	10	Each	734.40	Rupees Seven Hundred & Thirty Four and Paise Eighty Only	7344.00
12	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.					
12.1	Double pole isolator 30 A / 40 A rating	10	Each	238.40	Rupees Two Hundred & Thirty Eight Only	2384.00
12.2	Four pole Isolator 30 A / 40 A rating	4	Each	435.20	Rupees Four Hundred & Thirty Five and Paise Twenty Only	1740.80
13	P&F Recessed/ Surface mounting heavy duty horizontal type sheet steel Distribution board phophatised/ powder painted complete with suitable rating insulated copper bus bar, shorting link , 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.					
13.1	Single door (single phase) 8 Way	2	Each	444.00	Rupees Four Hundred & Forty Four Only	888.00
13.2	Double door (single phase) 12 Way	2	Each	852.00	Rupees Eight Hundred & Fifty Two Only	1704.00

Signature of Tenderer with seal

Tender Inviting Authority: Jaipur Development Authority, Jaipur						
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Contract No: NIB No EE-(Elect.-IV)/18/2016-17						
Bidder Name:		Less (-)				
SCHEDULE OF WORKS						
Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
14	P&F metal clad industrial plug top & socket unit with pin and sleeve type contact on porcelain/ bakelite base in sheet steel enclosure (without MCB) including making connections, testing etc.as required					
14.1	Single / Double Pole (Three pin) 10 A	1	Each	548.00	Rupees Five Hundred & Forty Eight Only	548.00
14.2	Three / Four pole (Five pin)					
14.3	20 A	1	Each	1212.00	Rupees One Thousand Two	1212.00
14.4	30A-32A	1	Each	1425.60	Rupees One Thousand Four Hundred & Twenty Five and	1425.60
15	P & F ISI marked (IS :3854) bell push surface type including making connection testing etc. as required.	70	Each	16.00	Rupees Sixteen Only	1120.00
16	P & F ISI marked (IS :3854) 6A twin control switch flush type including cutting hole in tile and making connection testing etc. as required.	70	Each	16.80	Rupees Sixteen and Paise Eighty Only	1176.00
17	P & F ISI marked hanging bell push/one way switch including making connection testing etc. as required.	2	Each	17.60	Rupees Seventeen and Paise Sixty Only	35.20
18	P & F ISI marked (IS :1293) 3 pin 6 amp. porcelain base tumbler socket including making connection testing etc. as required.	10	Each	21.60	Rupees Twenty One and Paise Sixty Only	216.00
19	P & F ISI marked (IS :1293) 6 pin 16 amp. porcelain base tumbler socket including making connection testing etc. as required.	12	Each	44.00	Rupees Forty Four Only	528.00
20	P & F of 3 pin 6 amp. flush type socket including cutting hole in tile and making connection testing etc. as required.	2	Each	16.00	Rupees Sixteen Only	32.00
21	P & F 3/6 pin 16 amp flush type socket including cutting hole in tile and making connection testing etc. as required.	40	Each	41.60	Rupees Forty One and Paise Sixty Only	1664.00
22	P & F ISI marked 6 amp bakelite batten/angle holder including making connection testing etc. as required.	20	Each	16.00	Rupees Sixteen Only	320.00
23	P & F ISI marked 6 amp bakelite unbreakable 3 pin plug top including making connection testing etc. as required.	20	Each	24.00	Rupees Twenty Four Only	480.00
24	P & F ISI marked 16 amp bakelite unbreakable 3 pin plug top including making connection testing etc. as required.	20	Each	36.00	Rupees Thirty Six Only	720.00
25	P & F socket size flush type 120/280 watt rotary 5 step fan regulator including making connection testing etc. as required.	50	Each	168.00	Rupees One Hundred & Sixty Eight Only	8400.00
26	P & F ISI marked 32 A D.P. switch with fuse and indicating lamp including making connection testing etc. as required.	2	Each	76.00	Rupees Seventy Six Only	152.00
27	P & F ISI marked gong bell including making connection testing etc. as required.	12	Each	48.00	Rupees Forty Eight Only	576.00
28	P & F ISI marked flush/surface type buzzer including making connection testing etc. as required.	50	Each	40.00	Rupees Forty Only	2000.00
29	P & F ISI marked single tone electronic call bell including making connection testing etc. as required.	10	Each	180.00	Rupees One Hundred & Eighty Only	1800.00
30	P & F following modular accessories made out of unbreakable and fire retardant poly carbonate with silver contacts including making connections testing etc. as required					
30.1	6 A one way switch	150	Each	73.60	Rupees Seventy Three and Paise Sixty Only	11040.00
30.2	6 A two way switch	10	Each	87.20	Rupees Eighty Seven and Paise Twenty Only	872.00
30.3	6 A bell push	10	Each	96.00	Rupees Ninety Six Only	960.00
30.4	16 A one way switch	25	Each	110.40	Rupees One Hundred & Ten and Paise Forty Only	2760.00
30.5	6 A 3 pin shuttered socket	70	Each	96.00	Rupees Ninety Six Only	6720.00
30.6	16 A 6 pin shuttered socket	10	Each	151.20	Rupees One Hundred & Fifty One and Paise Twenty Only	1512.00
30.7	13 A flat pin English socket	10	Each	160.80	Rupees One Hundred & Sixty Eight Only	1608.00
30.8	5 step fan regulator 2 module	10	Each	368.00	Rupees Three Hundred & Sixty Eight Only	3680.00
31	P & F following size hot dip galvanized M.S. box of 20 SWG with earthing terminal in recess/ surface suitable for modular accessories as required.					
31.1	1-2 Module	5	Each	32.00	Rupees Thirty Two Only	160.00
31.2	3 Module	5	Each	37.60	#VALUE!	188.00
31.3	4 Module	5	Each	43.20	Rupees Forty Three and Paise Twenty Only	216.00
31.4	5-6 Module	5	Each	65.60	Rupees Sixty Five and Paise Sixty Only	328.00
32	P&F following size mounting grid plates with cover plates					
32.1	1/2 Module	10	Each	55.20	Rupees Fifty Five and Paise Twenty Only	552.00
32.2	3 Module	10	Each	59.20	Rupees Fifty Nine and Paise Twenty Only	592.00
32.3	4 Module	10	Each	64.00	Rupees Sixty Four Only	640.00
32.4	5/6 Module	10	Each	87.20	Rupees Eighty Seven and Paise Twenty Only	872.00
32.5	8 Module	10	Each	128.80	Rupees One hundred & Twenty Eight Only	1288.00
32.6	10/12 Module	10	Each	160.00	Rupees One hundred & Sixty Only	1600.00
32.7	16/18 Module	10	Each	206.40	Rupees Two hundred & Six and Paise Forty Only	2064.00

Signature of Tenderer with seal

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Contract No: NIB No EE-(Elect.-IV)/18/2016-17						
Bidder Name:			Less (-)			%
SCHEDULE OF WORKS						
Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
33	SITC of wall/ free standing floor mounted dust and vermin proof compartmentalised cubical panel made out of CRCA sheet , required hardware ,duly treated for derusting in 7 tank process with dephosphating and with powder coating on both side of panel in desired shade The panel having PU/ Neoprene rubber gasket of not less than 3mm thickness , separate detachable gland plate M.S. base channel ,hinged door with locking arrangement for equipment/switchgear . Thickness of sheet shall not be less than 1.6 mm up to 600 mm length / width of any compartment and be of 2.0 mm above 600 mm. Load bearing structure shall be of 2.0 mm thick sheet supported by base M.S. channel if required . Side walls and cable alley compartments having bolted type doors with / without detachable extension type structure. (only outer area on all sides shall be measured & panel to be fabricated from CPRI approved fabricator)	40	Sqm	2201.60	Rupees Two Thousand Two Hundred & One and Paise Sixty Only	88064.00
34	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.					
34.1	Electrolytic grade Aluminium bus bar	35	KG	336.00	Rupees Three Hundred & Thirty Six Only	11760.00
35	P & F of ac operated heavy duty 230 /440 Volt power contactor conforming to IS:13947-4-1/IEC:947-4-1 having provision of mechanical interlocking, auxilary contacts, Din rail mounting type including making connections, testing etc. as required.					
35.1	4 pole Power contactors with following AC 1 Rating					
35.2	63 Amp	2	Each	2828.80	Rupees Two Thousand Eight Hundred & Twenty Eight Only	5657.60
35.3	100 Amp	2	Each	4595.20	Rupees Four Thousand Five Hundred & Ninety Five and Paise Sixty Only	9190.40
36	P&F of mechanical / digital time switch having following day / week programme and minimum 100 hours reserve and AC1 rating of 16-20 amperes including making connection, programming etc. as required					
36.1	One day & week reserve (mechanical type)	1	Each	2665.60	Rupees Two Thousand Six Hundred & Sixty Five and Paise Sixty Only	2665.60
36.2	One day & week reserve (digital type)	1	Each	4596.80	Rupees Four Thousand Five Hundred & Ninety Six and Paise Sixty Only	4596.80
37	P&F TP&N 415 V side handle operated double break fuse switch unit in sheet steel enclosure conforming to IS: 13947 P-III and IS:4064 (W/O HBC fuses) including making connections with suitable lugs, testing etc. as required.					
37.1	100 A rating	5	Each	4636.80	Rupees Four Thousand Six Hundred & Thirty Six and Paise Sixty Only	23184.00
37.2	200 A rating	5	Each	7901.60	Rupees Seven Thousand Nine Hundred & One and Paise Sixty Only	39508.00
38	P/Laying P.V.C. / XLPE 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 ground as per IS:1255 including excavation of 30cmx75cm size trench, 25 cm thick under layer of sand,II nd class bricks covering, refilling earth,compaction of earth, making necessary connection, testing etc. as required of size.					
38.1	10.0 Sq.mm X 2 Core	1300	Mtr.	109.60	Rupees One Hundred & Nine Only	142480.00
38.2	16.0 Sq.mm X 4 core	400	Mtr.	142.40	Rupees One Hundred & Forty Only	56960.00
38.3	35.0 Sq.mm X 3.5 core	200	Mtr.	201.60	Rupees Two Hundred & One Only	40320.00
38.4	185.0 Sq.mm X 3.5 core	1100	Mtr.	733.60	Rupees Seven Hundred & Thirty Three and Paise Sixty Only	806960.00
39	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.					
39.1	2 x 10.0 sq.mm	25	P. Set	44.00	Rupees Forty Four Only	1100.00
39.2	3.5 x 35.0 sq.mm	10	P. Set	95.20	Rupees Ninety Five and Paise Sixty Only	952.00
39.3	3.5 x 185.0 sq.mm	10	P. Set	316.00	Rupees Three Hundred & Sixteen Only	3160.00
40	Pipe Earthing as per IS:3043 with perforated 3.0 Mtr. Long, 40 mm dia. ' B ' class G.I. Pipe including all accessories like nut, bolts, reducer, nipple, wire meshed funnel, and C.C. finished chamber covered with hinged type with locking arrangement C.I. Cover, C.I. Frame of size 300mm x 300 mm and embodying the pipe complete with alternate layers salt and coke/ charcoal, testing of earth resistance as required.	10	P. Set	1320.00	Rupees One Thousand Three Hundred & Twenty Only	13200.00
41	Plate Earthing as per IS:3043 with G.I. Earth plate of size 600mm x 600mm x 6.0mm by embodying 3 to 4 mtr. below the ground level with 25 mm dia. G.I. ' B ' class watering Pipe including all accessories like nut, bolts, reducer ,nipple, wire meshed funnel, and C.C. finished chamber covered with hinged type with locking arrangement C.I. Cover, C.I. Frame of size300mm x 300mm complete with alternate layers of salt and coke/charcoal, testing of earth resistance as required	5	P. Set	3400.00	Rupees Three Thousand Four Hundred Only	17000.00

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Contract No: NIB No EE-(Elect.-IV)/18/2016-17						
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SCHEDULE OF WORKS						
Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
42	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.					
42.1	8 SWG G.I. (Hot Dipped) Wire	100	Mtr.	7.20	Rupees Seven and Paise Twenty Only	720.00
42.2	25mm x 3mm G.I. (Hot Dipped) Strip	20	Mtr.	46.40	Rupees Forty Six and Paise Forty Only	928.00
43	S & Laying following size' B ' class G.I. Pipe confirming to IS : 1239 P - 1 (1990) with accessories for laying earth conductor/strip / cable in ground/surface/recess as required					
43.1	32mm dia	50	Mtr.	187.20	Rupees One Hundred & Eighty Seven and Paise Twenty Only	9360.00
43.2	50 mm dia.	50	Mtr.	286.40	Rupees Two Hundred & Eighty Six and Paise Forty Only	14320.00
44	Fixing of fresh air fan/exhaust fan up to size of 300 mm on ply/ poly board of 6.0 mm in existing window frame including cutting of hole in ply. Nut bolts etc. as required.	5	Each	90.40	Rupees Ninety and Paise Forty Only	452.00
45	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.					
45.1	With regulator	120	Each	40.80	Rupees Forty and Paise Eighty Only	4896.00
45.2	Without regulator	10	Each	36.00	Rupees Thirty Six Only	360.00
46	P & F double ball bearing capacitor start, aluminium body & blade ceiling fan with down rod up to 30 cm with 3 x 1.5 sq.mm pvc insulated flexible copper conductor making connection testing etc. as required.				Rupees only	
46.1	1200 mm sweep	30	Each	1160.80	Rupees One Thousand One Hundred & Sixty and Paise	34824.00
46.2	1400 mm sweep	10	Each	1228.80	Rupees One Thousand Two Hundred & Twenty Eight and Paise Eighty Only	12288.00
47	P & F Star rated double ball bearing capacitor start, aluminium body & blade ceiling fan with down rod up to 30 cm with 3 x 1.5 sq.mm pvc insulated flexible copper conductor making connection testing etc. as required.					
47.1	1200 mm Sweep 5 Star rated	5	Each	1516.80	Rupees One Thousand Five Hundred & Sixteen and Paise Eighty Only	7584.00
48	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 .	5	Each	76.00	Rupees Seventy Six Only	380.00
49	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.	5	Each	108.00	Rupees One Hundred & Eight Only	540.00
50	P&F of Double ball bearing, capacitor start single phase metallic blade fresh air fan, in existing opening including cost of hardware , flexible copper conductor ,making connections, testing etc. as required.					
50.1	225 mm sweep	2	Each	1291.20	Rupees One Thousand Two Hundred & Ninety One and Paise	2582.40
50.2	300 mm sweep	2	Each	1484.80	Rupees One Thousand Four Hundred & Eighty Four and Paise Eighty Only	2969.60
51	P & F of ventilating fans, Capacitor start, single phase with PVC impeller, ABS body, automatic openable louver shutter in existing opening including making connection, testing etc. as required.					
51.1	150 mm sweep	5	Each	1012.00	Rupees One Thousand & Twelve Only	5060.00
51.2	200 mm sweep	5	Each	1132.80	Rupees One Thousand One Hundred & Thirty Two and Paise	5664.00
51.3	250 mm sweep	1	Each	1236.80	Rupees One Thousand Two Hundred & Thirty Six and Paise Eighty Only	1236.80

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Contract No: NIB No EE-(Elect.-IV)/18/2016-17						
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Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
52	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 release 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.					
52.1	25 Ltr.	5.00	Each	7126.32	Rupees Seven Thousand One Hundred & Twenty Six and Paise	35631.60
53	P & F ISI marked (IS:2082) Horizontal 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 , 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 release 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. connection,testing etc. as required.					
53.1	6 Ltr.	5.00	Each	5188.80	Rupees Five Thousand One Hundred & Eighty Eight and Paise Eighty Only	25944.00
53.2	10 Ltr.	2.00	Each	6177.80	Rupees Six Thousand One Hundred & Seventy Seven and Paise Eighty Only	12355.60
53.3	15 Ltr.	2.00	Each	6210.00	Rupees Six Thousand Two Hundred & Ten Only	12420.00
53.4	25 Ltr.	2.00	Each	7310.32	Rupees Seven Thousand Three Hundred & Ten and Paise Thirty Two Only	14620.64
54	P & F strip type fluorscent 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).					
54.1	1 X 18 Watts with EB	30.00	Each	292.80	Rupees Two Hundred & Ninety Two and Paise Eighty Only	8784.00
54.2	1 X 36 Watts with EB	90.00	Each	301.60	Rupees Three Hundred & One and Paise Sixty Only	27144.00
55	P & F box type fluorescent tube fitting fabricated from CRCA sheet and finished with powder coating / stove enamelled paint 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).					
55.1	1 X 36 Watts with EB	50.00	Each	684.00	Rupees Six Hundred & Eighty Four Only	34200.00
55.2	2 X 36 Watts with EB	70.00	Each	864.00	Rupees Eight Hundred & Sixty Four Only	60480.00
56	P & F Fluorscent tube rod in existing fixtures as required,					
56.1	Flourscent powder coated (minimum 3 star rating)					
56.2	18/20 Watts	150.00	Each	47.20	Rupees Forty Seven and Paise Twenty Only	7080.00
56.3	36/40 Watts	230.00	Each	50.40	Rupees Fifty and Paise Forty Only	11592.00
57	P & F Ballast for existing FTL / CFL fixture as required.					
57.1	copper ballast 18/36 Watts suitable for FTL	150.00	Each	216.00	Rupees Two Hundred & Sixteen Only	32400.00
57.2	High frequency electronic ballast 18/36 watts for FTL	150.00	Each	460.00	Rupees Four Hundred & Sixty Only	69000.00
58	P & F Capacitors for power factor improvement in existing fluorscent lamp fixture as required.					
58.1	4 Mfd 250 V	65.00	Each	99.20	Rupees Ninety Nine and Paise Twenty Only	6448.00

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58.2	8 Mfd 250 V	85.00	Each	135.20	Rupees One Hundred & Thirty Five and Paise Twenty Only	11492.00
59	P & F energy efficient / energy saving direct fit (Retrofit) composite self ballasted compact fluorscent lamp (CFL) with PF >0.85 in existing holder / fixture as required.					
59.1	5 Watt	5.00	Each	121.60	Rupees One Hundred & Twenty One and Paise Sixty Only	608.00
59.2	8/9 Watt	20.00	Each	135.20	Rupees One Hundred & Thirty Five and Paise Twenty Only	2704.00
59.3	11/13 Watt	5.00	Each	139.20	Rupees One Hundred & Thirty Nine and Paise Twenty Only	696.00
59.4	14/15 Watt	5.00	Each	144.00	Rupees One Hundred & Forty Four Only	720.00
59.5	18/20 Watt	5.00	Each	188.80	Rupees One Hundred & Eighty Eight and Paise Eighty Only	944.00
60	P & F two pin energy efficient compact fluorscent lamp in existing holder/ fixture as required.					
60.1	13/18 watt	200.00	Each	141.60	Rupees One Hundred & Forty One and Paise Sixty Only	28320.00
60.2	36 Watt 4 pin	20.00	Each	193.60	Rupees One Hundred & Ninety Three and Paise Sixty Only	3872.00
61	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.					
61.1	With Thermal Magnetic release					
61.2	400 Amp ,35 kA, adjustable O/L & adjustable S/C setting, Ics = 100 % Icu	4.00	Each	19056.80	Rupees Nineteen Thousand & Fifty Six and Paise Eighty Only	76227.20
61.3	up to 100 Amp , 16 kA, adjustable O/L & fixed S/C setting, Ics = 100 % Icu	4.00	Each	4640.00	Rupees Four Thousand Six Hundred & Forty Only	18560.00
62	SITC of Fixed / Draw out type 3 pole Air Circuit Breaker conforming to IS 60947 P - 2 in existing LT panel suitable for LT installation 440 V, 50 Hz and having adjustable over load short-circuit, earth fault and microprocessor based release with separate LED indication for each type of fault ,LCD display , Thermal memory at least 4NO & 4NC auxiliary contacts safety shutter and fault position acknowledgement mechanism . type ACB shall have separate indication for service, test, isolation, maintenance position, Breaking capacity Icu = Ics = Icw (1 sec) , Uimp - 12 KV, including making connections etc. as required.					
62.1	Draw out type (Manual spring charged)					
62.2	630 A Rating , 50kA	2.00	Each	85698.40	Rupees Eighty Five Thousand Six Hundred & Ninety Eight and Paise Forty Only	171396.80
63	P & F IP-65 / IP-66 protected LED street light luminaire on existing bracket. Fixture made from powder coated single piece pressure die cast aluminium housing with Heat dissipation fins on housing with High Power LEDs of CREE / NICHIA / OSRAM / PHILIPS make. Diffuser / Glass cover for ensuring IP65 protection for Lamp & control gear compartment, System Lumen output of 1500 - 8500 High Power LED. Integrated Driver shall be high efficiency having efficiency > 85% and in compliance to IEC standards System life of 25,000 Burning Hours with 70% of initial Lumens maintained. Fixture shall be in CE Compliance.					
63.1	IP - 65 Protected LED Street Light Luminaire LED Street Light fixture 30-40 Watt	40.00	Each	12800.00	Rupees Twelve Thousand Eight Hundred Only	512000.00

Signature of Tenderer with seal

Tender Inviting Authority: Jaipur Development Authority, Jaipur						
Name of Work : Annual Electrical Repair & Maintenance of Staff Quarter at Lal Kothi, Malviya Nagar, Sethi Colony & Nehru Palace Building, JDA, Jaipur						
Contract No: NIB No EE-(Elect.-IV)/18/2016-17						
Bidder Name:		Less (-)		%		
SCHEDULE OF WORKS						
Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
64	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)					
64.1	900/1200 mm sweep (New model ceiling fan)	100.00	Each	216.00	Rupees Two Hundred & Sixteen Only	21600.00
65	Labour charges for removing and refixing of Ceiling fan/ Exhaust fan from site	100.00	Each	28.80	Rupees Twenty Eight and Paise Eighty Only	2880.00
66	Providing and Replacement of Gun metal bush of ceiling/exhaust/cooler fan/ as required.	100.00	Each	99.20	Rupees Ninety Nine and Paise Twenty Only	9920.00
67	Desert Cooler					
67.1	3 Speed rotary switch for Desert Cooler	100.00	Each	43.20	Rupees Forty Three and Paise Twenty Only	4320.00
68	P & Replacement of M.S. Shaft of fan motor for Desert Cooler/ exhaust fan.	100.00	Each	101.60	Rupees One Hundred & One and Paise Sixty Only	10160.00
69	Servicing and overhauling of 20" sweep desert cooler including oiling, greasing, painting of tank from inside with rubber paint after properly desmantling each assembly and refixing the same as required.	200.00	Each	115.20	Rupees One Hundred & Fifteen and Paise Twenty Only	23040.00
70.00	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.	200.00	Each	277.60	Rupees Two Hundred & Seventy Seven and Paise Sixty Only	55520.00
71.00	Replacement of cooler pads (heavy) set of 3 no. of size 25" x 27"	250.00	Each	69.60	Rupees Sixty Nine and Paise Sixty Only	17400.00
72.00	P & F Brass float valve of weighing approx. 250 gm, 8" long rod,PVC ball of 4" dia. For desert coler as required.	50.00	Each	119.20	Rupees One Hundred & Nineteen and Paise Twenty Only	5960.00
73.00	P & F adjustable M.S.grill 20/22 gauge of size approx. 24" x 26" including painting etc. as required.	50.00	Each	197.60	Rupees One Hundred & Ninety Seven and Paise Sixty Only	9880.00
74.00	P & F aluminium blade for 20" desert cooler fan as required.	100.00	Each	124.00	Rupees One Hundred & Twenty Four Only	12400.00
75.00	P & F outer/inner threaded PVC nipple 1/2" dia and 2" long	100.00	Each	8.80	Rupees Eight and Paise Eighty Only	880.00
76.00	P & Replacement of pvc pipe for vertical pump of desert cooler as required.	50.00	Each	15.20	Rupees Fifteen and Paise Twenty Only	760.00
77.00	P & replacement of shaft for vertical pump of desert cooler as required.	50.00	Each	43.20	Rupees Forty Three and Paise Twenty Only	2160.00
78.00	Spray painting of ceiling fan of size 900/1200/ 1400/ 1500 mm with two coats of white/ brown enamelled paint after cleaning with sand paper. Filling etc. as required.	50.00	Each	105.60	Rupees One Hundred & Five and Paise Sixty Only	5280.00
79.00	P & replacement of 4 nos. supporting legs of 20" fan motor with rubber pads of desert cooler as required.	50.00	Each	80.00	Rupees Eighty Only	4000.00
80.00	P & F fan motor suitable for 20" desert cooler including making connection testing etc. as required.					
80.10	CG/ COOLHOME/ KHAITAN fan motor make	5.00	Each	1160.00	Rupees One Thousand One Hundred & Sixty Only	5800.00
81.00	Rewinding of Heavy duty Exhaust fan motor 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.					

Signature of Tenderer with seal

Tender Inviting Authority: Jaipur Development Authority, Jaipur						
Name of Work : Annual Electrical Repair & Maintenance of Staff Quarter at Lal Kothi, Malviya Nagar, Sethi Colony & Nehru Palace Building, JDA, Jaipur						
Contract No: NIB No EE-(Elect.-IV)/18/2016-17						
Bidder Name:				Less (-)		%
SCHEDULE OF WORKS						
Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
81.10	300/ 380 mm sweep	40.00	Each	361.60	Rupees Three Hundred & Sixty One and Paise Sixty Only	14464.00
Total Estimated Cost in Figures						3100920.64
Quoted Amount					3100920.64	3100921.00
Quoted Rate in Words		Rupees Thirty One Lakh Nine Hundred & Twenty One Only				