

जयपुर विकास प्राधिकरण, जयपुर

रूम नं. सी.बी. एफ.एफ. 121, नागरिक सेवा केन्द्र,
इन्दिरा सर्किल, जे.एल.एन. मार्ग, जयपुर-302004

क्रमांक / जविप्रा / अधि.अभि. (विद्युत-III) / जॉब नं. 01 & 02 / 2019-20 / डी-194
25-04-2019

दिनांक:

बिड आमंत्रण सूचना

पूर्णकालीन बिड संख्या-01 / 2019-20 (I / II / III)

जयपुर विकास प्राधिकरण द्वारा निम्न ऑनलाईन बिड्स दिनांक 08.05.2019 सायंकाल 6:00 बजे तक आमंत्रित की जाती हैं :

क्र.सं.	कार्य का नाम	राशि (लाखों में)	यू.बी.एन. नं.
I.	Annual Electrical Repair and maintenance contract for 1 Year of JDA Campus Building at JDA, Jaipur.	55.42	
II.	Annual Repair and maintenance contract of Air Conditioners, Fans, Coolers, Water Coolers & Air Cooling Plants for 1 Year of JDA Campus Building, JDA, Jaipur.	31.86	
III.	AMC for 2 Year of Digital EPABX System with all accessories installed at JDA Campus Office, Chitrakut JDA Office & Mansarovar JDA Office, Jaipur	15.80	

निविदा बोली का ऑनलाईन आवेदन व भुगतान जयपुर विकास प्राधिकरण पोर्टल पर करने की अन्तिम तिथि 08.05.2019 को सायंकाल 6.00 बजे तक हैं। निविदा बोली के दस्तावेजों का विस्तृत विवरण www.sppp.rajasthan.gov.in, www.eproc.rajasthan.gov.in and www.jda.urban.rajasthan.gov.in पर देखा जा सकता है।

निविदा में भाग लेने वालों को निम्न शर्तों की पूर्ति करनी होगी :-

- निविदादाता जयपुर विकास प्राधिकरण की वेबसाइट www.jda.urban.rajasthan.gov.in पर पंजीकृत हो एवं निविदा में भाग लेने के लिए बोलीदाता को आवेदन करने के लिए दस्तावेज शुल्क, अमानत राशि, आर.आई.एस.एल. प्रोसेसिंग शुल्क ऑनलाईन जमा करानी होगी।
- ऑनलाईन निविदा प्रस्तुत करने के लिए निविदादाताओं का राजस्थान सरकार के ई-प्रोक्यूरमेंट पोर्टल www.eproc.rajasthan.gov.in पर पंजीकृत हो।

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

JAIPUR DEVELOPMENT AUTHORITY

Room No. CB FF 121, CCC building,
Ram Kishore Vyas Bhavan, Indira Circle, Jawahar Lal Nehru Marg, Jaipur – 302 004

No:- JDA/EE-(Elect.-III)/Job no. 01 & 02 /2019-20/D-194
25.04.2019

Dated:

**LONG TERM NOTICE INVITING BID
NIB No. : 01/2019-20 (I / II / III)**

Online bids are invited up-to 6.00 PM of 08.05.2019 for the works:

S.No.	Name of Work	Estimated Cost in lacs	UBN No.
I.	Annual Electrical Repair and maintenance contract for 1 Year of JDA Campus Building at JDA, Jaipur.	55.42	
II.	Annual Repair and maintenance contract of Air Conditioners, Fans, Coolers, Water Coolers & Air Cooling Plants for 1 Year of JDA Campus Building, JDA, Jaipur.	31.86	
III.	AMC for 2 Year of Digital EPABX System with all accessories installed at JDA Campus Office, Chitrakut JDA Office & Mansarovar JDA Office, Jaipur	15.80	

The last date for applying bid and making online payment on JDA portal is up to 6.00 PM dated 08.05.2019. 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.jda.urban.rajasthan.gov.in.

To participate in the bid, bidder has to be:

1. Registered on JDA website www.jda.urban.rajasthan.gov.in 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.-III)
JDA, Jaipur

Enclosed in Bid Document

JAIPUR DEVELOPMENT AUTHORITY

Room No. CB FF 121, CCC building, Ram Kishore Vyas Bhavan, Indira Circle, Jawahar Lal Nehru Marg, Jaipur – 302004

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

No. JDA/E.E (Elect.-III)/2019-20/D-194

Date: 25.04.2019

LONG TERM NOTICE INVITING BID

NIB No. : 01/2019-20 (I)

Name & Address of the Procuring Entity	➤ Name: Executive Engineer (Elect.-III), Jaipur Development Authority ➤ Address: Room No. CB FF-121, CCC building, Ram Kishore Vyas Bhavan, Indira Circle, Jawahar Lal Nehru Marg, Jaipur – 302 004
Subject Matter of Procurement	➤ Annual Electrical Repair and maintenance contract for 1 Year of JDA Campus Building at JDA, Jaipur. ➤ 01/2019-20
Bid Procedure	Single Bid, eg. single stage open competitive. eBid procedure at http://eproc.rajasthan.gov.in
Bid Evaluation Criteria (Selection Method)	➤ (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 , www.jda.urban.rajasthan.gov.in
Website for online Bid application and payment *	➤ Website: www.jaipurjda.org ➤ For participating in the Bid, the Bidder has to apply for this Bid and pay the Bidding Document Fee, RISL Processing Fee & Bid Security Deposit online only. ○ Bidding document fee: Rs. 500/- (Rupees Five Hundred only) ○ RISL Processing Fee: Rs. 1000/- (Rupees One Thousand only) ○ Requisite Bid Security Deposit
Estimated Procurement Cost	➤ INR 55.42 Lacs (Rs. Fifty five Lacs Fourty Two Thousand only)
Bid Security Deposit	➤ Amount (INR) : 2% (Rs. 110840.00) of Estimated Procurement Cost, 0.5% (Rs. 27710.00) of S.S.I. of Rajasthan, 1% for Sick Industries, other than S.S.I., whose cases are pending with Board of Industrial & Financial Reconstruction ➤ (*2% for bidder who is A and AA class contractor registered in other Govt. Department) / 0.5% for bidder registered as contractor AA, A,B,C, E-I, II & III in JDA ➤ Micro small medium Enterprises situated in Rajasthan Tender fee 50% EMD value 0.5% ➤ In case of Departments of the state govt. and undertaking, corporations, Autonomous bodies, Registered societies, cooperative Societies which are owned or controlled or managed by the state Govt. and Govt. undertaking of the central Govt. shall submit a bid securing declaration in lieu of bid security.
Date/time/place of Pre-Bid	➤ N/A ➤ Last date of submitting clarifications requests by the bidder <date and time> addressed to the procurement entity at <Address of procurement entity>
Applying bid and making online payment on JDA portal (www.jda.urban.rajasthan.gov.in)	➤ Start Date: 26.04.2019 at 9.30 AM onwards ➤ End Date: 08.05.2019 at 6.00 PM ➤ In case EMD in form BG original bank guarantee is to be submitted in room no MBSF Room no. 225A of Sr.AO of main building, JDA, JPR by 09.05.19 to 10.05.19 & 13.05.19 upto 3.00 PM
Bid submission on e-procurement portal of GOR (www.eproc.rajasthan.gov.in)	➤ Start Date: 26.04.2019 at 9.30 AM onwards ➤ End Date: 08.05.2019 at 6.00 PM
**Date/ Time/ Place of Technical Bid Opening	➤ NA
Date/ Time/ Place of Financial Bid Opening	➤ 13.05.2019 at 4.00 PM Room No. CB FF 121, CCC building, Ram Kishore Vyas Bhavan, Indira Circle, Jawahar Lal Nehru Marg, Jaipur – 302 004
Bid Validity	➤ 120 days from the bid submission deadline
Time Period	➤ 12 Months
*Jaipur development authority has decided to receive earnest money deposit (EMD) (Bid Security), Tender fee and RISL processing fee online through JDA portal. The bid security options available in tender for participants are as mentioned below :	

A. Options:

Option-1: Bank Guarantee (BG) against EMD/ Bid Security

Bidder may opt Bank Guarantee (BG) against EMD (Bid Security), for which bidder requires to prepare BG before applying in the tender. The details of BG requires to be fed on JDA portal before paying balance amount (Tender Fee + RISL Processing Fee). This amount will be paid through **Payment Gateway only**, option to make balance payment through EFT(NEFT/RTGS) will be available.

Option-2: Electronic fund transfer (EFT:NEFT/RTSG)

If the bidder selects payment mode as EFT (NEFT/RTGS), "Paying Slip for EFT (NEFT/RTS)" will be generated by the system for the complete amount. The payment can be made from any Bank any Branch using this paying slip through NEFT/RTGS (Claim against payment made through EFT in any other JDA bank account will not be acceptable and bidder stands disqualified from participation in the bid applied for). After successful transaction through NEFT/RTGS, as per the standard procedures it may take 4 to 24 hours in process of confirmation of EFT through Auto-process depending on the time of EFT done. Therefore, option to make payment through EFT (NEFT/RTGS) will be available till 48 hours prior to closing date of bid participation.

Option-3: Payment Gateway (Aggregator)

The facility to make payment through Debit Card, Credit Card, Net Banking etc., will be available. User can use this facility from anywhere any time till the closing date & time of bid participation.

B. Bid Participation Receipt

After confirming payment, the bidder will get Bid Participation Receipt on the basis of which user will get the payment details along with details for bidding on e-procurement portal of GOR.

- In case of BG as the remaining payment will be done through payment gateway, on successful transaction the **"Bid Participation Receipt"** will be generated on real time basis.
- In case complete payment is done through Payment Gateway, on successful transaction the **"Bid Participation Receipt"** will be generated on real time basis.

In case completion payment is done through EFT (NEFT/RTGS), on confirmation of payment from ICICI Bank (Auto Process) **"Bid Participation Receipt"** will be available on Login of Bidder on JDA portal.

Note:

1. Bidder (authorized 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, Safe crypt, 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
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 RTPPA Act 2012 and Rules thereto, the later shall prevail.

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

Enclosed in Bid Document

Annexure: 3
As part of NIB Document

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

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

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 of cement.

Signature of Contractor
with full address.

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

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

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 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 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 under ground 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 bidder 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 bidder.
 - 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 bidder 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. The work includes Building Electrical repair and Maintenance, SITC of 06 nos. new APFC panels, Transformer Repair and Maintenance, Refilling of fire extinguishers, Maintenance of Glow Sign Boards and Plan Preventive Maintenance of DG sets.
29. The contractor will maintain minimum 4 electricians (ITI Holders) during 9.00 AM to 9.00 PM and one electrician round the clock. He shall maintain log books of complain to be verified by supervisor of JDA on daily basis and by JEN on weekly basis, AEN on monthly basis & XEN on bi-monthly basis.
30. Transformer & DG shall be maintained regularly on quarterly and bi-monthly basis respectively and report shall be submitted to XEN (Electrical-III).
31. 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.III),
JDA, JAIPUR**

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 retendered 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 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 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 complying 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. **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 to be made with PVC insulated copper conductor with copper lugs duly crimped. The internal wiring shall be arranged with clips the bus bars and connection shall consist of drawn high conductivity copper strip with PVC 3 leaves tops of phase colours.
14. **Submission of drawing by the contractor**
The following two drawings 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 results 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 form schedule of quantities will be entertained.
19. Conditions given in the bid form 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 nonpayment 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 tenders.
23. In case of any dispute the Executive Engineer (Electrical-III) 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 tenders.
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. Bid must be submitted on the prescribed forms duly signed by the bidder on every page.
28. All entries by the bidder should be in ink only. Erasers and over writings are not permissible. All cancellation correction and insertions must be signed by the bidder.
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 be deemed to form part of the contract bond and shall be read as conditions of contract.
31. In every case in which by virtue of 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 thereof 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 otherwise.
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 JDA BSR 2016 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
WITHFULL ADDRESS:**

**EXECUTIVE ENGINEER (Elect.-III),
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 **ACE (Elect), 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

- **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
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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

% Recovery on withdrawal of DLP of work order DLP period	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
Full address.

Executive Engineer –(Elect-III)
JDA, Jaipur.

Annexure-2

Bank Guarantee Performa for Bid security deposit

Form of (Bank Guarantee) -En cashable at branch of the bank in Jaipur City.

To
Secretary,
Jaipur Development Authority,
Jaipur

Sub:

Bank Guarantee No. _____ dated _____ for [amount of Security in figures] [in words] on behalf of _____ [Name of the Bidder] against the Security Deposit for the work of “.....”
.....”

WHEREAS, _____ [name of Bidder with address] (**hereinafter called “the Bidder”**) has submitted his Bid datedfor the work of “.....” (Name of Work) (Hereinafter called “the Bid”).

KNOW ALL PEOPLE by these presents that we _____
_____ (Name of Bank) of having our registered office at _____ [name of country] having our registered office at _____ (hereinafter called “the Bank”) are bound unto Secretary, Jaipur Development Authority. (Hereinafter called “the Employer”) in the sum of Rupees _____ [**Amount of Security in figures**] _____ (in words) only for which payment will and truly to be made to the said Employer, the Bank binds itself, its successors, and assigns by these presents. That on demand of JDA , this Bank Guarantee is encashable at following branch in Jaipur City.

1. Name of Bank:
2. Name of the branch with branch code:
3. Address:
4. E-Mail Id:
5. Telephone No.
6. Fax No.:

SEALED with the Common Seal of the said Bank this _____ day of _____ of 20_____.

THE CONDITIONS of this obligation are:

- (1) if the Bidder withdraws his Bid during the period of Bid validity specified in the Form of Bid;
- (2) if the Bidder refuses to accept the correction of errors in his bid;
- (3) If the Bidder, having been notified of the acceptance of his Bid by the Employer during the period of Bid validity;
 - (a) fails or refuses to execute the Form of Agreement in accordance with the Instructions to Bidders, or
 - (b) fails or refuses to furnish the Performance Security, in accordance with the Instructions to Bidders;

We undertake to pay to the Employer up to the above amount upon receipt of his first written demand, without the Employer having to substantiate his demand, provided that in his demand the Employer will note that the amount claimed by him is due to him owing to the occurrence of one or more of the above conditions, specifying the occurred condition or conditions.

This Guarantee will remain in force up to and including the date 30 days after the date of expiration of the Bid Validity, as stated in the Instructions to Bidders, or any such extension thereto as may be agreed by the Bidder, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this Guarantee should reach the Bank not later than the above date.

The amount covered under the above Bank Guarantee shall be automatically be credited in the accounts of JDA in ICICI Bank, JDA Campus, Jaipur through **ISFC code No ICICI 006754. Bank Account No. 675401700518** on the date of expiry or its validity, unless the agencies get it re-validated well before its expiry date or produce NOC from JDA in written for its release.

Date _____ Signature of the Bank _____

Witness _____ Seal _____ [Signature,
Name and Address]

[Note: To be furnished on appropriate non-judicial stamps.]

Percentage BoQ

Tender Inviting Authority: JAIPUR DEVELOPMENT AUTHORITY, JAIPUR.

Name of Work : Annual Repair and maintenance contract of Air Conditioners, Fans, Coolers, Water Coolers & Air Cooling Plants for 1 Year of JDA Campus Building, JDA, Jaipur.

Contract No: 01/2018-19 (I)

Bidder Name :

PRICE SCHEDULE

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Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT	TOTAL AMOUNT In Words
	Part-A (JDA Electric BSR 2016 items Only) : G-Schedule					
	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. Complete Rate Group 1					
	Short point (up to 3 mtr.)	20.00	P. Point	155.20	3104.00	INR Three Thousand One Hundred & Four Only
	Medium point (up to 6 mtr.)	10.00	P. Point	234.40	2344.00	INR Two Thousand Three Hundred & Forty Four Only

Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT	TOTAL AMOUNT In Words
	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. Complete Rate Group 1					
	On board	25.00	P.Point	72.80	1820.00	INR One Thousand Eight Hundred & Twenty Only
	Short point (up to 3 mtr.)	30.00	P.Point	185.60	5568.00	INR Five Thousand Five Hundred & Sixty Eight Only
	S&F following sizes of ISI marked (IS:14927 P - II) PVC casing capping along with accessories like coupler, inner, outer, elbow, square box, tee etc. on surface with screws, expansion fasteners as required. Complete Rate Group 1					
	20 mm x 12 mm	501.00	R.Mtr.	19.20	9619.20	INR Nine Thousand Six Hundred & Nineteen and Paise Twenty Only
	50 mm x 50mm	300.00	R.Mtr.	108.00	32400.00	INR Thirty Two Thousand Four Hundred Only
	S&F following sizes (dia) of ISI marked medium duty PVC conduit along with accessories in surface / recessed using saddles, clamps, fastener as required including cutting the wall, covering conduit and making good the same as required. Complete Rate Group 1					
	20 mm	300.00	R.Mtr.	25.60	7680.00	INR Seven Thousand Six Hundred & Eighty Only
	25 mm	200.00	R.Mtr.	33.60	6720.00	INR Six Thousand Seven Hundred & Twenty Only

Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT	TOTAL AMOUNT In Words
	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 medium duty PVC conduit & it's accessories, round tiles,Hot Dipped Galvanized Modular Box with earth terminal, 6 A Modular switch,Modular plate with grid plate, screws, making connections, testing etc. as required.					
	Short point (up to 3 mtr.), Complete Rate Group 1	50.00	P.Point	208.00	10400.00	INR Ten Thousand Four Hundred Only
	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. Complete Rate Group 1					
	2 x 1.5 sq.mm	550.00	Mtr.	20.80	11440.00	INR Eleven Thousand Four Hundred & Forty Only
	2 x 2.5 sq.mm	450.00	Mtr.	32.80	14760.00	INR Fourteen Thousand Seven Hundred & Fifty Nine and Paise One Hundred Only
	2 x 2.5 sq. mm. + 1x1.5 sq.mm	358.00	Mtr.	42.40	15179.20	INR Fifteen Thousand One Hundred & Seventy Nine and Paise Twenty Only
	1 x 4.0 sq.mm	400.00	Mtr.	24.00	9600.00	INR Nine Thousand Six Hundred Only
	2 x 4.0 sq.mm. + 1 x 2.5 sq.mm	400.00	Mtr.	61.60	24640.00	INR Twenty Four Thousand Six Hundred & Forty Only
	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. Complete Rate Group 1	30.00	Mtr.	188.00	5640.00	INR Five Thousand Six Hundred & Forty Only

Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT	TOTAL AMOUNT In Words
	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. Complete Rate Group 1					
	Single pole MCB, 6 A to 32 A rating	280.00	Each	120.80	33824.00	INR Thirty Three Thousand Eight Hundred & Twenty Four Only
	Double pole MCB, 6 A to 32 A rating	50.00	Each	320.80	16040.00	INR Sixteen Thousand &Forty Only
	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. Complete Rate Group 1					
	Double pole isolator, 30 A / 40 A rating	50.00	Each	238.40	11920.00	INR Eleven Thousand Nine Hundred & Twenty Only
	Double pole isolator, 63 A rating	30.00	Each	293.60	8808.00	INR Eight Thousand Eight Hundred & Eight Only
	Four pole Isolator, 30 A / 40 A rating	30.00	Each	435.20	13056.00	INR Thirteen Thousand &Fifty Six Only
	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. Complete Rate Group 1					
	Double door (Three phase), 6 Way	5.00	Each	1656.00	8280.00	INR Eight Thousand Two Hundred & Eighty Only
	Double door (Three phase), 8 Way	5.00	Each	1984.00	9920.00	INR Nine Thousand Nine Hundred & Twenty Only

Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT	TOTAL AMOUNT In Words
	P&F metal clad industrial plug top & socket with butt type contacts, interlocking feature and auto closing safety shutter (without MCB), making connections testing etc. as required. Complete Rate Group 1					
	Three pin/Four pin 20 A	35.00	Each	520.00	18200.00	INR Eighteen Thousand Two Hundred Only
	P & F ISI marked (IS :3854) 6 amp. flush type switch including cutting hole in tile and making connection testing etc. as required. Complete Rate Group 1	550.00	Each	15.20	8360.00	INR Eight Thousand Three Hundred & Sixty Only
	P & F ISI marked (IS :3854) 16 amp. flush type switch including cutting hole in tile and making connection testing etc. as required. Complete Rate Group 1	250.00	Each	37.60	9400.00	INR Nine Thousand Four Hundred Only
	P & F ISI marked (IS :3854) bell push surface type including making connection testing etc. as required. Complete Rate Group 1	60.00	Each	16.00	960.00	INR Nine Hundred & Sixty Only
	P & F ISI marked (IS :3854) twin control switch surface type including making connection testing etc. as required. Complete Rate Group 1	35.00	Each	26.40	924.00	INR Nine Hundred & Twenty Four Only
	P & F of 3 pin 6 amp. flush type socket including cutting hole in tile and making connection testing etc. as required. Complete Rate Group 1	600.00	Each	16.00	9600.00	INR Nine Thousand Six Hundred Only
	P & F 3/6 pin 16 amp flush type socket including cutting hole in tile and making connection testing etc. as required. Complete Rate Group 1	150.00	Each	41.60	6240.00	INR Six Thousand Two Hundred & Forty Only
	P & F IS:371 marked 6 amp surface type ceiling rose including making connection testing etc. as required. Complete Rate Group 1	100.00	Each	14.40	1440.00	INR One Thousand Four Hundred & Forty Only
	P & F ISI marked 6 amp bakelite batten/angle holder including making connection testing etc. as required. Complete Rate Group 1	100.00	Each	16.00	1600.00	INR One Thousand Six Hundred Only
	P & F ISI marked 6 amp bakelite unbreakable 3 pin plug top including connection testing etc. as req. Complete Rate Group 1	50.00	Each	24.00	1200.00	INR One Thousand Two Hundred Only
	P & F ISI marked 16 amp bakelite unbreakable 3 pin plug top including making connection testing etc. Complete Rate Group 1	50.00	Each	36.00	1800.00	INR One Thousand Eight Hundred Only
	P & F ISI marked flush type 2 pin telephone socket with plug top including making connection testing. Complete Rate Group 1	20.00	Each	32.00	640.00	INR Six Hundred & Forty Only

Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT	TOTAL AMOUNT In Words
	P & F socket size flush type 120/280 watt rotary 5 step fan regulator including making connection te.Complete Rate Group 1	250.00	Each	168.00	42000.00	INR Forty Two Thousand Only
	P & F ISI marked single tone electronic call bell including making connection testing etc. as required. Complete Rate Group 1	65.00	Each	180.00	11700.00	INR Eleven Thousand Seven Hundred Only
	P & F following modular accessories made out of unbreakable and fire retardant poly carbonate with s, Complete Rate Group 1					
	6 A one way switch	60.00	Each	73.60	4416.00	INR Four Thousand Four Hundred & Sixteen Only
	16 A one way switch	70.00	Each	110.40	7728.00	INR Seven Thousand Seven Hundred & Twenty Eight Only
	6 A 3 pin shuttered socket	50.00	Each	96.00	4800.00	INR Four Thousand Eight Hundred Only
	16 A 6 pin shuttered socket	75.00	Each	151.20	11340.00	INR Eleven Thousand Three Hundred & Forty Only
	5 step fan regulator 2 Module	50.00	Each	368.00	18400.00	INR Eighteen Thousand Four Hundred Only
	Blanking plate	100.00	Each	15.20	1520.00	INR One Thousand Five Hundred & Twenty Only
	P & F following size mounting grid plates with cover plates. Complete Rate Group 1					
	1/2 Module	25.00	Each	55.20	1380.00	INR One Thousand Three Hundred & Eighty Only
	3 Module	10.00	Each	59.20	592.00	INR Five Hundred & Ninety Two Only
	4 Module	10.00	Each	64.00	640.00	INR Six Hundred & Forty Only
	5/6 Module	10.00	Each	87.20	872.00	INR Eight Hundred & Seventy Two Only
	8 Module	10.00	Each	128.80	1288.00	INR One Thousand Two Hundred & Eighty Eight Only

Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT	TOTAL AMOUNT In Words
	10/12 Module	10.00	Each	160.00	1600.00	INR One Thousand Six Hundred Only
	16/18 Module	10.00	Each	206.40	2064.00	INR Two Thousand & Sixty Four Only
	P & F following size hot dip galvanized M.S. box of 20 SWG with earthing terminal in recess/ surface. Complete Rate Group 1					
	1-2 Module	10.00	Each	32.00	320.00	INR Three Hundred & Twenty Only
	3 Module	10.00	Each	37.60	376.00	INR Three Hundred & Seventy Six Only
	4 Module	10.00	Each	43.20	432.00	INR Four Hundred & Thirty Two Only
	5-6 Module	10.00	Each	65.60	656.00	INR Six Hundred & Fifty Six Only
	8 Module	10.00	Each	76.00	760.00	INR Seven Hundred & Sixty Only
	10/12 Module	10.00	Each	104.00	1040.00	INR One Thousand & Forty Only
	16/18 Module	10.00	Each	126.40	1264.00	INR One Thousand Two Hundred & Sixty Four Only
	P & F ISI marked following semi modular accessories with decorative cover plate of approved colours. Complete Rate Group 1					
	6 A one way switch	120.00	Each	19.20	2304.00	INR Two Thousand Three Hundred & Four Only
	6 A two way switch	10.00	Each	21.60	216.00	INR Two Hundred & Sixteen Only
	16 A one way switch	110.00	Each	50.40	5544.00	INR Five Thousand Five Hundred & Forty Four Only
	6 A 3 pin socket	150.00	Each	22.40	3360.00	INR Three Thousand Three Hundred & Sixty Only
	16 A 6 pin socket	75.00	Each	52.00	3900.00	INR Three Thousand Nine Hundred Only

Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT	TOTAL AMOUNT In Words
	2/3 pin Telephone socket with top	20.00	Each	32.00	640.00	INR Six Hundred & Forty Only
	T.V. socket single outlet	10.00	Each	22.40	224.00	INR Two Hundred & Twenty Four Only
	5 step fan regulator	40.00	Each	183.20	7328.00	INR Seven Thousand Three Hundred & Twenty Eight Only
	S & F of Electrical insulating rubber mats confirming to IS: 15652 / 2006 with one side anti skid abberation marks and pasting the mat with synthetic rubber adhesive as required.					
	3.3 KV, 2 mm thick with proof voltage 10 KV / 3 min. and Break Down Voltage 30 KV, Complete Rate Group 1	8.00	Sq. m.	1440.00	11520.00	INR Eleven Thousand Five Hundred & Twenty Only
	11 KV, 2.5 mm thick with proof voltage 22 KV / 3 min. and Break Down Voltage 45 KV, Complete Rate Group 1	8.00	Sq. m.	1840.00	14720.00	INR Fourteen Thousand Seven Hundred & Twenty Only
	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. Complete Rate Group 1					
	4 pole Power contactors with following AC 1 Rating, 100 A	10.00	Each	4595.20	45952.00	INR Forty Five Thousand Nine Hundred & Fifty Two Only
	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. Complete Rate Group 1					
	One day & week reserve (digital type)	2.00	Each	4596.80	9193.60	INR Nine Thousand One Hundred & Ninety Three and Paise Sixty Only

Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT	TOTAL AMOUNT In Words
	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. Complete Rate Group 1					
	Fixed Type, 800 A Rating, 50kA	2.00	Each	64616.00	129232.00	INR One Lakh Twenty Nine Thousand Two Hundred & Thirty Two Only
	Fixed Type, 1250 A Rating, 50kA	2.00	Each	83824.80	167649.60	INR One Lakh Sixty Seven Thousand Six Hundred & Forty Nine and Paise Sixty Only
	SITC of quick make and quick break 3 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 UVVR , shunt trip , earth fault trip, push (test) to trip, including making connections with lugs & spreaders, etc. as required. Complete Rate Group 1					
	With Thermal Magnetic release, up to 100 Amp , 16 kA, adjustable O/L & fixed S/C setting, Ics = 100 % Icu	10.00	Each	3400.00	34000.00	INR Thirty Four Thousand Only
	With Thermal Magnetic release, up to 100 Amp , 25 kA, adjustable O/L & fixed S/C setting, Ics = 100 % Icu	10.00	Each	3825.60	38256.00	INR Thirty Eight Thousand Two Hundred & Fifty Six Only

Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT	TOTAL AMOUNT In Words
	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 UVF , shunt trip ,earth fault trip, push (test) to trip , including making connections with lugs & spreaders, etc. as required. Complete Rate Group 1					
	With Thermal Magnetic release, up to 100 Amp , 16 kA, adjustable O/L & fixed S/C setting, Ics = 100 % Icu	15.00	Each	4640.00	69600.00	INR Sixty Nine Thousand Six Hundred Only
	With Thermal Magnetic release, up to 100 Amp , 25 kA, adjustable O/L & fixed S/C setting, Ics = 100 % Icu	15.00	Each	5072.80	76092.00	INR Seventy Six Thousand & Ninety Two Only
	P/Laying P.V.C. / XLPE insulated & P.V.C. sheathed cable of 1.1 KV grade with aluminium conductor of IS:1554 P-1 / 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,11nd class bricks covering, refilling, earth,compaction of earth, making necessary connection, testing etc. as required of size. Complete Rate Group 1					
	10 Sq. mm, 2 Core, Complete Rate Armoured	350.00	Mtr.	109.60	38360.00	INR Thirty Eight Thousand Three Hundred & Sixty Only
	16 Sq. mm, 4 Core, Complete Rate Armoured	450.00	Mtr.	142.40	64080.00	INR Sixty Four Thousand & Eighty Only
	25 Sq. mm, 3.5 Core, Complete Rate Armoured	350.00	Mtr.	166.40	58240.00	INR Fifty Eight Thousand Two Hundred & Forty Only
	35 Sq. mm, 3.5 Core, Complete Rate Armoured	350.00	Mtr.	201.60	70560.00	INR Seventy Thousand Five Hundred & Sixty Only
	50 Sq. mm, 3.5 Core, Complete Rate Armoured	350.00	Mtr.	239.20	83720.00	INR Eighty Three Thousand Seven Hundred & Twenty Only

Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT	TOTAL AMOUNT In Words
	185 Sq. mm, 3.5 Core, Complete Rate Armoured	500.00	Mtr.	733.60	366800.00	INR Three Lakh Sixty Six Thousand Eight Hundred Only
	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. Complete Rate Group 1					
	2 x 10.0 sq.mm	20.00	Per Set	44.00	880.00	INR Eight Hundred & Eighty Only
	3.5 x 35.0 sq.mm	20.00	Per Set	95.20	1904.00	INR One Thousand Nine Hundred & Four Only
	3.5 x 50.0 sq.mm	20.00	Per Set	105.60	2112.00	INR Two Thousand One Hundred & Twelve Only
	3.5 x 185.0 sq.mm	10.00	Per Set	316.00	3160.00	INR Three Thousand One Hundred & Sixty Only
	4 x 16.0 sq.mm	20.00	Per Set	86.40	1728.00	INR One Thousand Seven Hundred & Twenty Eight Only
	P & Laying XLPE insulated IS:7098/II/85 of Group1 and approved make H.T.cable for working voltage 11 K.V.Earthed direct in ground including excavation of 30cmx100cm size trench, 25cm layer of river sand, IInd class bricks covering, refilling earth, compaction of earth, making necessary connection testing etc.as required of size. Complete Rate Group 1					
	3 core 185.0 Sq.mm	500.00	Mtr.	1012.80	506400.00	INR Five Lakh Six Thousand Four Hundred Only

Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT	TOTAL AMOUNT In Words
	Providing & making heat shrinkable type indoor/outdoor/straight through terminations/joint kit of Group1 and approved make suitable for XLPE insulated 11 KV / 33 KV cable, with required components, prepration of cable ends,testing etc. as required of following sizes. Complete Rate Group 1					
	11 KV End Termination Kit Indoor type, 3 core 120/150/185/225 Sq.mm	2.00	Per Set	4000.00	8000.00	INR Eight Thousand Only
	11 KV End Termination Kit Outdoor type, 3 core 120/150/185/225 Sq.mm	2.00	Per Set	5200.00	10400.00	INR Ten Thousand Four Hundred Only
	11 KV Straight Through Joint Kit, 3 core 120/150/185/225 Sq.mm	2.00	Per Set	12000.00	24000.00	INR Twenty Four Thousand Only
	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. Complete Rate group-I	10.00	Per Set	3400.00	34000.00	INR Thirty Four Thousand Only
	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. Complete Rate group-I					
	8 SWG G.I. (Hot Dipped) Wire	50.00	Mtr.	7.20	360.00	INR Three Hundred & Sixty Only
	25mm x 3mm G.I. (Hot Dipped) Strip	20.00	Mtr.	46.40	928.00	INR Nine Hundred & Twenty Eight Only
	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. Complete Rate group-I					
	80 mm dia.	50.00	Mtr.	443.20	22160.00	INR Twenty Two Thousand One Hundred & Sixty Only

Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT	TOTAL AMOUNT In Words
	100 mm dia.	50.00	Mtr.	533.60	26680.00	INR Twenty Six Thousand Six Hundred & Eighty Only
	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. Complete Rate group-I					
	1200 mm sweep	10.00	Each	1160.80	11608.00	INR Eleven Thousand Six Hundred & Eight Only
	1400 mm sweep	10.00	Each	1228.80	12288.00	INR Twelve Thousand Two Hundred & Eighty Eight Only
	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. Complete Rate group-I					
	300 mm sweep	10.00	Each	1484.80	14848.00	INR Fourteen Thousand Eight Hundred & Forty Eight Only
	P&F of Heavy duty capacitor start, Double ball bearing 900/1400 RPM single phase ISI marked Exhaust fan,IS:2312 marked in existing opening including making connections testing etc. as required. Complete Rate group-I					
	300 mm sweep(900/1400 RPM)	5.00	Each	2401.60	12008.00	INR Twelve Thousand &Eight Only
	380 mm sweep(900/1400 RPM)	5.00	Each	2960.00	14800.00	INR Fourteen Thousand Eight Hundred Only
	P & F capacitor start, three speed, oscillating type pedestal fan with adjustable height, of following size with cord and plug top as required. Complete Rate group-I					
	450 mm sweep	10.00	Each	3157.60	31576.00	INR Thirty One Thousand Five Hundred & Seventy Six Only

Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT	TOTAL AMOUNT In Words
	P & F extra down rod of 15 mm dia . ERW (Electrical resistance welded) of 1.6mm nominal thick medium duty steel pipe including cutting, threading, drilling, fixing quarter pin etc as reqd. Complete Rate group-I	30.00	Mtr.	71.20	2136.00	INR Two Thousand One Hundred & Thirty Six Only
	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. Complete Rate Group-I					
	6 Ltr.	3.00	Each	5023.20	15069.60	INR Fifteen Thousand &Sixty Nine and Paise Sixty Only
	15 Ltr.	5.00	Each	6026.00	30130.00	INR Thirty Thousand One Hundred & Thirty Only
	25 Ltr.	5.00	Each	7126.32	35631.60	INR Thirty Five Thousand Six Hundred & Thirty One and Paise Sixty Only
	P & F stem type ISI marked (IS 3017 / 85) snap action adjustable thermostat storage water heater including making connection testing etc. as required. Complete Rate Group-I	10.00	Each	232.00	2320.00	INR Two Thousand Three Hundred & Twenty Only
	P & F stem type, ISI marked, push to reset type auto thermal cut off and rated at 20 A 250 V including testing etc. as required. Complete Rate Group-I	10.00	Each	144.00	1440.00	INR One Thousand Four Hundred & Forty Only

Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT	TOTAL AMOUNT In Words
	P & F stem type snap action bipolar adjustable thermostat with built in auto thermal cut out of storage water heater including making connection testing etc. as required. Complete Rate Group-I	10.00	Each	464.00	4640.00	INR Four Thousand Six Hundred & Forty Only
	P & F ISI marked (IS:4159) marked copper sheathed,nickle plated, mineral filled heating element including making connection testing etc as required. Complete Rate Group-I					
	3.0 KW	10.00	Each	500.00	5000.00	INR Five Thousand Only
	2.0 KW	10.00	Each	480.00	4800.00	INR Four Thousand Eight Hundred Only
	P & F base plate assembly with neoprene rubber gasket, inlet socket with inbuilt NRV/ PRV and drain out system and outlet socket pipe,fusible plug assembly,mounting hardwares complete etc. as required. Complete Rate Group-I					
	upto 10 Ltr. Capacity SWH	10.00	Each	840.00	8400.00	INR Eight Thousand Four Hundred Only
	15 Ltr. To 50 Ltr. Capacity SWH	10.00	Each	1000.00	10000.00	INR Ten Thousand Only
	P & F inlet socket with built in safety valve as required. Complete Rate Group-I	10.00	Each	152.00	1520.00	INR One Thousand Five Hundred & Twenty Only
	P& F bottom cover with half cover set for storage water heater as required. Complete Rate Group-I	10.00	Each	376.00	3760.00	INR Three Thousand Seven Hundred & Sixty Only
	P & F neon indicating lamp of superior quality for storage water heater. Complete Rate Group-I	10.00	Each	26.40	264.00	INR Two Hundred & Sixty Four Only
	P & F twin neon indicating lamp assembly of superior quality for storage water heater. Complete Rate Group-I	10.00	Each	48.00	480.00	INR Four Hundred & Eighty Only
	P & F heavy duty ISI marked C.I.P. vacuum release valve for Storage water heater as required. Complete Rate Group-I	10.00	Each	158.40	1584.00	INR One Thousand Five Hundred & Eighty Four Only
	P & F ISI marked C.I.P. adjustable type non return valve for storage water heater. Complete Rate Group-I	10.00	Each	116.80	1168.00	INR One Thousand One Hundred & Sixty Eight Only
	P & F ISI marked pressure reducing valve for storage water heater as required. Complete Rate Group-I	10.00	Each	1320.00	13200.00	INR Thirteen Thousand Two Hundred Only

Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT	TOTAL AMOUNT In Words
	P & F of 13 mm angle valve for storage water heater as required. Complete Rate Group-I					
	Brass with C.P. finished ISI marked	10.00	Each	182.40	1824.00	INR One Thousand Eight Hundred & Twenty Four Only
	P & F heavy duty C.P. connection for storage water heater for inlet and outlet of length 300-600 mm including the cost of nuts, washers etc as required. Complete Rate Group-I	10.00	Per Set	168.00	1680.00	INR One Thousand Six Hundred & Eighty Only
	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). Complete Rate Group 1					
	1 X 18 Watts with EB	100.00	Each	292.80	29280.00	INR Twenty Nine Thousand Two Hundred & Eighty Only
	1 X 36 Watts with EB	50.00	Each	301.60	15080.00	INR Fifteen Thousand & Eighty Only
	P & F Fluorescent tube rod in existing fixtures as required, Fluorescent powder coated (minimum 3 star rating) Complete Rate Group 1					
	18/20 Watts	250.00	Each	47.20	11800.00	INR Eleven Thousand Eight Hundred Only
	36/40 Watts	100.00	Each	50.40	5040.00	INR Five Thousand & Forty Only
	P & F Ballast for existing FTL / CFL fixture as required. Complete Rate Group 1					
	copper ballast 18/36 Watts suitable for FTL	50.00	Each	216.00	10800.00	INR Ten Thousand Eight Hundred Only
	P & F Capacitors for power factor improvement in existing fluorescent lamp fixture as required. Complete Rate group-I					
	8 Mfd 250 V	80.00	Each	135.20	10816.00	INR Ten Thousand Eight Hundred & Sixteen Only

Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT	TOTAL AMOUNT In Words
	P & F starter for existing fluorescent lamp fixture as required. Complete Rate group-1					
	FSU	100.00	Each	8.80	880.00	INR Eight Hundred & Eighty Only
	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). Complete Rate Group-1					
	Recess mounting, 2 X PL-9/11 Watt	15.00	Each	1012.80	15192.00	INR Fifteen Thousand One Hundred & Ninety Two Only
	Recess mounting, 2 X PL-18 Watt	15.00	Each	900.00	13500.00	INR Thirteen Thousand Five Hundred Only
	P & F energy efficient / energy saving direct fit (Retrofit) composite self ballasted compact fluorescent lamp (CFL) with PF >0.85 in existing holder / fixture as required. Complete Rate Group 1					
	11/13 Watt	250.00	Each	139.20	34800.00	INR Thirty Four Thousand Eight Hundred Only
	18/20 Watt	250.00	Each	188.80	47200.00	INR Forty Seven Thousand Two Hundred Only
	P & F of IP20 LED batten type light fixture made from CRCA sheet steel housing suitable for mounting LED tube system (integral driver), Power Consumption of 18W / 36W 1500-3000 lumens, system lumen efficiency 80 lm/Watt output, life time of 50,000 burning hours with 70% initial lumen maintained. CCT 3000°K, 4000°K & 6000°K. Approved Make:- Philips, CG, Bajaj, Wipro, Surya, Havell's, HPL, K-Lite, Lighting Science.					
	4' LED Tube shape fixture 18W	100.00	Each	1800.00	180000.00	INR One Lakh Eighty Thousand Only

Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT	TOTAL AMOUNT In Words
	P & F of IP 65 protected LED Flood Light Luminaire made of single piece powder coated pressure die cast/Extruded Aluminium housing with heat dissipation fins on housing, Toughened glass cover with suitable lens on LEDs to achieve various beam angles. Input power (including driver loss) not more than 40W/60W/ 90W/120W/160W with luminous Efficacy > 80 Lumen/W (WARM WHITE) & > 85 Lumens / w (cool white) (As per LM79). Appropriate beam angle lens 45°/60°/80°/70°x140° (High Mast) to be used as per requirement. LEDs of Cree/Nichia/Osram/Philips make is to be used at 1W/2W, CRI > 70 and CCT 2700 K - 6500K. The integral SMPS based electronic driver must have efficiency > 85%, Power factor > 0.95, THD < 20% and input Voltage range of 90-270 VAC at 50 Hz. System life of 25000 Burning Hours with 70% of initial Lumens maintained. Fixtures must be in compliance with IS/CE Standards. Approved make : Philips, Bajaj. Complete Rate Group-I					
	High Power LED Flood Light 160W	7.00	Each	21120.00	147840.00	INR One Lakh Forty Seven Thousand Eight Hundred & Forty Only
	P & F of IP20 LED ceiling / recessed / suspended mounting light fixture made from CRCA sheet steel housing, high purity / transmissivity diffuser for uniform light distribution. High efficiency driver electronics having efficiency > 85% and in compliance to IEC standards (Integral with light fixture). Power Consumption of 40W / 50W / 60W ~ 3000/3300/4200 lumens, System lumen efficacy of 70 - 80 lm/Watt output suitable for 2x36WFTL / 2x36W CFL / 3x36W CFL light fixtures, life time of 50,000 burning hours with 70% initial lumens maintained. CCT 3000°K, 4000°K & 6000°K. Fixtures shall be CE compliance. Approved Make:- Philips, CG, Bajaj, Wipro, Surya, Havell's, HPL, K-Lite, Lighting Science.					
	Recessed Mounting, 36W LED light fixture 2'x2' with acrylic / prismatic front cover. Complete Rate Group-1	50.00	Each	5000.00	250000.00	INR Two Lakh Fifty Thousand Only

Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT	TOTAL AMOUNT In Words
	Surface Mouthing, 36W LED light fixture 2'x2' with acrylic / prismatic front cover. Complete Rate Group-1	20.00	Each	5000.00	100000.00	INR One Lakh Only
	P & F of IP 65 protected LED Street Light Luminaire on existing brackets. Fixture made of powder coated single piece pressure die cast aluminium housing with heat dissipation fins on housing with UV stablized PC/ Toughened glass cover and lens/ reflector. Input power (including driver loss) range from 20-25W/30-40W/80-90W/ 110-120W with luminous Efficacy > 80 Lumen/W (warm white) & > 85 lumen/W (cool white) (As per LM79). LEDs of Cree/Nichia/OSram/Philips make is to be used at 1W/2W per LED. CRI > 70 and CCT 2700 K - 6500K. The integral SMPS based electronic driver must have efficiency > 85%, Power factor > 0.95, THD < 20% and input Voltage range of 90-270 VAC at 50 Hz. System life of 25000 Burning Hours with 70% of initial Lumens maintained. Fixtures must be in compliance with IS/CE Standards. Approved make : Philips, Bajaj, Surya					
	IP - 65 Protected LED Street Light Luminaire, LED Street Light fixture 20-25 Watt, Complete Group-1	10.00	Each	3022.80	30228.00	INR Thirty Thousand Two Hundred & Twenty Eight Only
	SIIC 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). Complete Rate Group 1	80.00	sqm	2201.60	176128.00	INR One Lakh Seventy Six Thousand One Hundred & Twenty Eight Only

Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT	TOTAL AMOUNT In Words
	P & F paper phenolic resin bonded laminates confirming to IS : 2036 - 1995 for boxes/ frames including making holes for switches etc, with brass screws, washers/ zinc plated nut and bolts as required. Complete Rate Group 1					
	6.4 mm thick	10.00	sqm	712.80	7128.00	INR Seven Thousand One Hundred & Twenty Eight Only
	P & F of Multy function meter with LCD/ LED display capable of measuring electrical parameters like V, I, F, PF, KW, Kva, Kvar, Kwh, Kvalh, Kvarh display with 1A/5A CT input for LV/ HV network, RS 485 communication port etc. complete in all respect. Complete Rate Group 1	8.00	Each	13793.60	110348.80	INR One Lakh Ten Thousand Three Hundred & Forty Eight and Paise Eighty Only
	SF of selector switch of 10 A for voltmeter (4 position) including making connection etc. as required. Complete Rate Group 1	12.00	Each	182.40	2188.80	INR Two Thousand One Hundred & Eighty Eight and Paise Eighty Only
	SF of CT linked selector switch of 10 A for Ampere meter (4 position) including making connection etc. as required. Complete Rate Group 1	12.00	Each	228.80	2745.60	INR Two Thousand Seven Hundred & Forty Five and Paise Sixty Only
	SF of Current Transformer , with all necessary support in existing panel including connection etc. as required. Complete Rate Group 1					
	from 500 / 5 to 1600/5 Ratio , 15 VA , class 0.5 accuracy					
		24.00	Each	409.60	9830.40	INR Nine Thousand Eight Hundred & Thirty and Paise Forty Only
	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. Complete Rate Group 1					
	Electrolytic grade Aluminium bus bar					
		20.00	Kg.	336.00	6720.00	INR Six Thousand Seven Hundred & Twenty Only
	SF of 110/220 V, LED (22.5 mm dia) Indicating lamp with integral circuit, terminal block, including connection etc. as required. Complete Rate Group 1					

Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT	TOTAL AMOUNT In Words
	Red/yellow/Green colour	24.00	Each	120.00	2880.00	INR Two Thousand Eight Hundred & Eighty Only
	Blue colour	84.00	Each	200.00	16800.00	INR Sixteen Thousand Eight Hundred Only
	SF of Tap-off boxes suitable for following size of approved design. Complete Rate Group 1					
	from 120 sq. mm. to 185 sq. mm.(3/5/4 core)	3.00	Each	310.40	931.20	INR Nine Hundred & Thirty One and Paise Twenty Only
	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. Complete Rate Group 1					
	Digital type	8.00	Each	880.00	7040.00	INR Seven Thousand & Forty Only
	P & F of Industrial plug and socket conforming to IEC 60309-1/2 made out of self extinguishing engineering polymer / polyamide, nickel plated brass sleeve and pins, socket with shutter including making connection etc as reqd. Panel mounted socket. Complete Rate Group 1					
	16 A 3 pin	6.00	Each	220.00	1320.00	INR One Thousand Three Hundred & Twenty Only
	P & F in position frame made out of M.S. angle (riveted or welded) finished with two coats of red oxide and enamel paint including cutting, welding, holes etc.of following sizes as required. Complete Rate Group 1					
	50mm x 50mm x 6mm	60.00	Mtr.	250.40	15024.00	INR Fifteen Thousand &Twenty Four Only
	SITC of self healing MPP/MP type shunt capacitor (banks) conforming to IS:13340-41 / IEC :831-1&2 in existing panel or parallel with load terminals , the capacitor shall be fitted with discharge resistors, pressure sensitive disconnecter (PSD) and shall have dissipation factor less than 0.0025 at 50 Hz and total wattage loss less than 0.5 Watt per KVAR . including making connections with suitable capacity conductors/cables testing etc. as required. Complete Rate Group 1					

Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT	TOTAL AMOUNT In Words
	Heavy duty Three phase 440 V, 50 Hz capacitor (Bank)	1115.00	Capacitor	436.80	487032.00	INR Four Lakh Eighty Seven Thousand &Thirty Two Only
	SF of CT operated direct reading type Ampere meter on existing panel , making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required. Complete Rate Group 1					
	Digital type, Below 500 A	5.00	Each	880.00	4400.00	INR Four Thousand Four Hundred Only
	Digital type, Above 500 A	5.00	Each	1100.00	5500.00	INR Five Thousand Five Hundred Only
	SITC of microprocessor based three phase sensing power factor correction relay having following sensing capacity secondary current , self analysing auto c/k setting according to targeted power factor setting, the relay shall have digit display unit for display of real power factor, targeted power factor, lag/lead capacitor switching status, alarm output for under current, over current, insufficient compensation, indication of switching on units, auto/manual status, and shall have over load protection, no volt release , having multi parameter like KW, KVA, KVAR, metering facility as required. Complete Rate Group 1					
	12 to 14 stage, sensitivity up to 50 milli Amp	6.00	Each	16518.40	99110.40	INR Ninety Nine Thousand One Hundred & Ten and Paise Forty Only
	P & F of 440 Volt 3 pole capacitor (AC 6 B) duty contactor with 3 no. early make and post break auxiliary contacts in series with quick discharge damping resistors/ reactors to limit the intrush current , conforming to IS:13947-4-1/IEC:947-4-1, Din rail mounting type including making connections, testing etc. as required. suitable for following capacity capacitor bank.Complete Rate Group 1					
	11 to 20 KVAR	84.00	Each	1654.40	138969.60	INR One Lakh Thirty Eight Thousand Nine Hundred & Sixty Nine and Paise Sixty Only

Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT	TOTAL AMOUNT In Words
	P&F flush/surface type enclosure for housing MCB/Isolator with Din rail including making connections with lugs, repairs etc. as required. With sheet steel enclosure Complete Rate Group 1					
	Four way	84.00	Each	252.00	21168.00	INR Twenty One Thousand One Hundred & Sixty Eight Only
	P&F of removable Voltage surge protection device (surge arrester) for protection against transient over voltage (8/20 micro-seconds) and to run current waves to ground, making connection, testing etc. as required. (Imax=40 kA, Up= 1.2kV, Uc=275 volts) Complete Rate Group 1					
	Triple pole & neutral	6.00	Each	6897.60	41385.60	INR Forty One Thousand Three Hundred & Eighty Five and Paise Sixty Only
Total in Figures					4683799.20	INR Forty Six Lakh Eighty Three Thousand Seven Hundred & Ninety Nine and Paise Twenty Only
Quoted Rate in Figures			Select		0.00	INR Zero Only
Quoted Rate in Words		INR Zero Only				

Item Rate BoQ

Name of Work : Annual Repair and maintenance contract of Air Conditioners, Fans, Coolers, Water Coolers & Air Cooling Plants for 1 Year of JDA Campus Building, JDA, Jaipur.

Contract No: 01/2018-19 (I)

Bidder Name :	
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PRICE SCHEDULE

(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.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT	TOTAL AMOUNT In Words
	PART-B (Non BSR items Only) : H-Schedule					
	Cleaning of dust and oil scale deposits outside the body of transformer with detergent and water, Tightening all nut and bolts, Tightening of bushing rod from outside, Replacement of jumpers and fixing connections, Checking and maintenance of breather and explosion, Making of oil level with tested transformer oil.					
	Above 100 KVA transformer up to 315 KVA	12.00	Each		0.00	INR Zero Only
	Above 315 KVA transformer up to 630 KVA	8.00	Each		0.00	INR Zero Only
	Above 630 KVA	4.00	Each		0.00	INR Zero Only
	Providing and replacement of damaged LT side bushing rod made of brass on the various size of distribution transformer as under:					
	200 to 315 KVA 20mm.	18.00	Each		0.00	INR Zero Only
	Above 315 KVA 30mm.	18.00	Each		0.00	INR Zero Only
	Providing and replacement of damaged HT side bushing rod made of brass on the various size of distribution transformer as under:					
	25 to 750 /900 KVA	36.00	Each		0.00	INR Zero Only

Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT	TOTAL AMOUNT In Words
	Providing and replacement of damaged LT side porcelain bushing on the various size of distribution transformer as under:					
	200 to 315 KVA 1.1 KV 630 Amp.	18.00	Each		0.00	INR Zero Only
	Above 315 KVA 1.1 KV 1000 Amps.	18.00	Each		0.00	INR Zero Only
	Providing and replacement of damaged HT side porcelain bushing on the various size of distribution transformer as under:					
	25 to 750 KVA/900 KVA 11 KV 250 Amp.	36.00	Each		0.00	INR Zero Only
	Providing and replacement of damaged rubberizes cork gasket washer on bushing on the various size of distribution transformer as under:					
	HT Side	36.00	Set		0.00	INR Zero Only
	LT Side	36.00	Set		0.00	INR Zero Only
	Providing and fixing silica gel breather with coupling on the various size of distribution transformer, if not available as under:					
	More than 160 KVA	12.00	Each		0.00	INR Zero Only
	Providing and replacement of damaged top cover tank rubberized cork gasket on the various size of distribution transformer as under:					
	250 KVA	3.00	Set		0.00	INR Zero Only
	315 KVA	6.00	Set		0.00	INR Zero Only
	750/900 KVA	3.00	Set		0.00	INR Zero Only
	500 / 630 KVA	6.00	Set		0.00	INR Zero Only
	Providing and replacement of defective drain valve made of gun metal on the various size of distribution transformer as under:					
	1/4"	12.00	Each		0.00	INR Zero Only
	1"	12.00	Each		0.00	INR Zero Only
	Providing and fixing of "L" type connectors made of copper flat 36,000 219.85 Each 7,914.60 (size 50x6) having a size 9" suitable bend to connect on the LT side of the transformer and should have at least 2 Nos. of hole to connect 02 nos. of LT cable.	36.00	Each		0.00	INR Zero Only

Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT	TOTAL AMOUNT In Words
	Providing and filling of transformer oil top up in the transformer where the oil values are within permissible limits (oil level should not be below the core of the transformer).					
	Fresh Oil as per IS:335	2500.00	Per litre		0.00	INR Zero Only
	Refilling of 5 Kg. ABC Dry Powder Type Fire Extinguisher	150.00	Nos.		0.00	INR Zero Only
	Refilling of 4.5 Kg CO2 Gas Type Fire Extinguisher	75.00	Nos.		0.00	INR Zero Only
	Refilling of 10Kg Chemical Powder Type Fire Extinguishers	45.00	Nos.		0.00	INR Zero Only
	All in all maintenance & Service of D.G. Set comprising of Greaves cotton engine, Kirlosker make alternator, AMF Panel & intermediate wiring between D.G. Set & AMF Panel including cleaning, checking & replacement of defective parts for safe & smooth functioning of D.G. Set without interruption on power failure, POL. (Actual consumption of POL will be paid) Complete as required and as per terms & conditions mentioned in Annexure-A and as per manufactures guide line service book option. (Including 18% GST)					
	500 KVA DG Set	12.00	Per Month		0.00	INR Zero Only
	250 KVA DG Set	36.00	Per Month		0.00	INR Zero Only
	125 KVA DG Set	12.00	Per Month		0.00	INR Zero Only
	62.5 KVA DG Set	12.00	Per Month		0.00	INR Zero Only
Total in Figures					0.00	INR Zero Only
Quoted Rate in Words		INR Zero Only				