

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-चतुर्थ) / जॉब नं. 194 / 2020-21 / डी-400

दिनांक: 05.10.2020

पूर्णकालीन बिड संख्या-09/2020-21

जविप्रा के जोन (विद्युत चतुर्थ) में जविप्रा, जयपुर में “Construction of 33/11 KV GSS for JDA Residential Scheme, Rajarampura, Sikar road, Jaipur.” के तकमीना राशि रू0 166.00 लाख के लिए दिनांक 16.10.2020 साय: 6.00 बजे तक ऑनलाईन निविदा आमंत्रित की जाती हैं। विस्तृत विवरण जो कि निविदा प्रपत्र में उपलब्ध है, अद्योहस्ताक्षरकर्ता के कार्यालय में अथवा राजस्थान सरकार के उपापन पोर्टल www.sppp.rajasthan.gov.in, www.eproc.rajasthan.gov.in एवं जयपुर विकास प्राधिकरण की वेबसाइट www.jda.urban.rajasthan.gov.in पर देखी जा सकती है।

UBN

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

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

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

JAIPUR DEVELOPMENT AUTHORITY

Room No. CB FF 121, CCC building,

Ram Kishore Vyas Bhavan, Indira Circle, Jawahar Lal Nehru Marg, Jaipur – 302 004

No:- JDA/EE-(Elect.-IV)/Job No. 194/2020-21/D-400

Dated: 05.10.2020

LONG TERM NOTICE INVITING BID

NIB No. : 09/2020-21

Online Bids are invited up-to 6:00 PM of 16-10-2020 for “**Construction of 33/11 KV GSS for JDA Residential Scheme, Rajarampura, Sikar road, Jaipur.**” estimated cost of Rs. 166.00 Lacs. 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

UBN No.

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.-IV)

JDA, Jaipur

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.-IV)/2020-21/D-400

Date : 05.10.2020

LONG TERM NOTICE INVITING BID
NIB No. : 09/2020-21

Name & Address of the Procuring Entity	➤ Name: Executive Engineer (Elect.-IV), 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	➤ Construction of 33/11 KV GSS for JDA Residential Scheme, Rajarampura, Sikar road, Jaipur. Job No. 194/2019-20
Bid Procedure	Single Bid 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.jda.urban.rajasthan.gov.in ➤ For participating in the Bid, the Bidder has to apply for this Bid and pay the Bidding Document Fee, RISL Processing Fee & Bid Security Deposit online only. <ul style="list-style-type: none">○ Bidding document fee: Rs. 1000/- (Rupees One Thousand only)○ RISL Processing Fee: Rs. 1000/- (Rupees One Thousand only)○ Requisite Bid Security Deposit
Estimated Procurement Cost	➤ INR 166.00 Lacs (Rs. One Crore Sixty Six lakhs only)
Bid Security Deposit	➤ Amount (INR) : Amount (INR) : 2% (Rs. 3,32,000.00) of Estimated Procurement Cost, 0.5% (Rs. 83,000.00) 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 E-I 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: 07.10.2020 at 9.30 AM onwards ➤ End Date: 16.10.2020 at 6.00 PM ➤ In case EMD in form BG original bank guarantee is to be submitted in room no MBSF Room no. 225-A of Sr.AO of main building, JDA, JPR by 19.10.20 to 21.10.20 upto 3.00 PM
Bid submission on e-procurement portal of GOR (www.eproc.rajasthan.gov.in)	➤ Start Date: 07.10.2020 at 9.30 AM onwards ➤ End Date: 16.10.2020 at 6.00 PM
**Date/ Time/ Place of Technical Bid Opening	➤ NA
Date/ Time/ Place of Financial Bid Opening	➤ 21.10.2020 at 4.30 PM Room No. CB FF 121, CCC building, Ram Kishore Vyas Bhawan, Indira Circle, Jawahar Lal Nehru Marg, Jaipur – 302 004
Bid Validity	➤ 120 days from the bid submission deadline
Time Period	➤ Four (4) Month

*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 :

- 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 RTPP Act 2012 and Rules thereto, the later shall prevail.

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

Jaipur Development Authority, Jaipur

Office Order

No. : JDA/IT(1074501)/E-Services/2015-16/D-399

Dated: 4-10-2016

Subject: Payment mechanism for participating in tender.

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. Payment 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 (RTGS/NEFT) will not be available.

If bidder does not opt for BG against EMD, options of making complete payment through Payment Gateway or through EFT (NEFT / RTGS) will be available.

Option-2: Electronic Fund Transfer (EFT: NEFT/RTGS)

If the bidder selects payment mode as EFT (NEFT/RTGS), "Paying Slip for EFT (NEFT/RTGS)" 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 2 days 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 other 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 complete 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.

This payment mechanism will come into force w.e.f 15/10/2016. Thereafter, old payment mechanism related to NEFT/ RTGS in which the bidder makes direct payment without "**Paying Slip for EFT (NEFT/RTGS)**" in JDA's bank account will be discontinued.

All procuring entities are hereby directed to clearly mention this procedure in NIB document.


(Pawan Arora)
Secretary

Copy for information and further necessary action to:

1. P.S. to JDC, JDA, Jaipur.
2. P.S. to Secretary, Secretary, JDA, Jaipur.
3. Director (Law / Finance / Town Planning / Engineering-I / Engineering-II), JDA, Jaipur.
4. All Additional Chief Engineer _____, JDA, Jaipur
5. DC (Administration)/DC(Store)/DC (Vehicle), JDA, Jaipur
6. System Analyst, JDA, Jaipur
7. Analyst-cum-Programmer, JDA to ensure integration of software w.e.f 01/10/2016.
8. All Xen _____, JDA, Jaipur.
9. Officer-in-charge, SPPP Portal, Jaipur.
10. OSD (Public Relation) / PRO, JDA, Jaipur.


(Brijesh Kishore Sharma)
OSD (RM)

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

Bid Title : Testing

Bid Value : 300000

Procurement Entity : XXXXXXXXXXXXX

Bid Opening Place : Manthan Hall, Jaipur Development Authority

Bidder Detail

Name of Entity : XXXXXXXXXXXXX

Registration Type: Individual

Payment Mode: Online/UTR

Instrument No : 456123789

Mobile: 9829012345

Instrument Amount : 32500.00

Payment Channel : Payment Gateway/ICICI Branch - JDA

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-In-charge 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.

All the major electrical items and luminaries/lights being supplied & fixed by the contractor shall have to be got tested at a Govt. approved/NABL lab.

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.-IV)
JDA, Jaipur.**

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

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

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

1. DLP period for various type of above works will now be governed by Director (Engineering-I) office order no. 29 dated 11.03.2016 (Copy Enclosed named by DLP period)
2. The Contractor has to arrange for the permission for the charging of electrical system from the Electrical Inspector Govt. of Rajasthan. He will have to deposit the necessary fees, which shall be reimbursed by Jaipur Development Authority.
3. The contractor will coordinate for the system handing over and charging process and if any defects, is pointed out by the RSEB/JVVNL/PWD/JNN, then he will have to rectify the same.
4. The final bill shall be paid after the lines and substations are handed over to RSEB/JVVNL/PWD/JNN and system is charged.
5. Inspection shall be bear by the contractor it self.
6. The material shall be purchased from the firms, which are also supplying the material to RSEB/JVVNL.
7. All HT/LT cables should be sequentially marked with cable size & length duly embossed.
8. The contractor shall return unused material issued to him by the deptt. If desired by the Engineer in-charge and in case, of failure to do so he shall be charged for such unreturned material at double the issue rate including storage and supervision charges or the market rate whichever is higher. The basis of the theoretical consumption and allowing for wastage @ 5% at double the issue rate including storage and supervision charges or market rate whichever 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 underground cable, poles, existing surface drain, water connections, Telephone cables etc. In case of any damages the penalty/ liability imposed for such work shall be borne by the contractor and shall be got repaired immediately by arranging material/ labor/ assistance etc. In case of delay JDA reserve right to execute/ get executed the work at the cost and risk of the contractor.**
10. It is a mandatory condition that contractor will get all insulated material tested from CTL of JVVNL before using it at site.

Executive Engineer (Elect.-IV)
JDA, Jaipur

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

Signature & Seal of the Contractor

JAIPUR DEVELOPMENT AUTHORITY, JAIPUR

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 tro 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. All the provision of the RAJASTHAN TRANSPARENCY IN PUBLIC PROCURMENT ACT, 2012 AND RULES, 2013 WILL BE APPLICABLE. IF THERE IS ANY CONTRADICTIONS IN EXISTING SPECIAL CONDITIONS AND PROVISION OF THE RAJASTHAN TRANSPARENCY IN PUBLIC PROCURMENT ACT,2012 AND RULES, 2013 SHALL BE APPLICABLE.

SIGNATURE OF CONTRACTOR
WITHFULL ADDRESS:

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

JAIPUR DEVELOPMENT AUTHORITY, JAIPUR

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 be made with PVC insulated copper conductor with copper lugs dully crimped. The internal wiring shall be arranged with clips the bus bars and connection shall consists of drawn high conductivity copper strip with PVC 3 leaves tops of phase colours.

14. **Submission of drawing by the contractor**

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

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

15. **Testing**

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

- (i) **Continuity and installation test of cable:** The contractor shall arrange for the continuity of cable for well use of the perfect of the cable.
 - (ii) **Mager Testing:** The whole installation shall be arranged to be test by contractor after its completion shall in presence of Engineer-In-Charge and 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 from schedule of quantities will be entertained.
19. Conditions given in the bid from apply in full.
20. The contractor shall have to obey the labour laws. The labour shall have to pay monthly and shall have first line on the bill of contractor, in case of complaint of labour and 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 on 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 deemed to form part of the contract bond and shall be read as conditions of contract.
31. In every case in which by virtue for the provisions of section 12 sub section (I) of the workman's Compensation Act. 1923 cost is obliged to pay compensation to a workman employed by the contractor of by a sub contractor for execution to said work Govt. will recover from the contractor the amount of the compensation paid and without prejudice to the rights of Govt. under section 12 sub section (2) of the said Act, Govt. shall be at liberty to recover such amount or any part 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.-IV),
JDA, JAIPUR**

Note:-

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

Annexure A : Compliance with the code of Integrity and No Conflict of Interest

Any person participating in a procurement process shall –

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

Conflict of Interest:-

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

- i. A Bidder may be considered to be in Conflict of Interest with one or more parties in a bidding process if, including but not limited to:
 - a. Have controlling partners/ shareholders in common ; or
 - b. Receive or have received any direct or indirect subsidy from any of them; or
 - c. Have the same legal representative for purposes of the Bid; or
 - d. Have a relationship with each other; directly or through common third parties, that puts them in a position to have access to information about or influence on the Bid of another Bidder, or influence the decisions of the Procuring Entity regarding the bidding process; or
 - e. The Bidder participates in more than one Bid in a bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all Bids in which the Bidder is involved. However, this does not limit the inclusion of the same subcontractor, not otherwise participating as a Bidder, in more than one Bid; or
 - f. The Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the Goods, Works or Services that are the subject of the Bid; or
 - g. Bidder or any of its affiliates has been hired (or is proposed to be hired) by the Procuring Entity as engineer-in-charge/ consultant for the contract.

Annexure B : Declaration by the Bidder regarding Qualifications Declaration by the Bidder

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

- 1. I/We possess the necessary professional, technical, financial and managerial resources and competence required by the Bidding Document issued by the Procuring Entity;
- 2. I/We have fulfilled my/our obligation to pay such of the taxes payable to the Union and the State Government or any local authority as specified in the Bidding Document;
- 3. I/We are not insolvent, in receivership, bankrupt or being wound up, not have my/our affairs administered by a court or a judicial officer, not have my/our business activities suspended ant 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 :
Place :

Signature of bidder
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 endeavor to dispose it of within thirty days from the date of the appeal.

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

(4) Appeal not to lie in certain cases

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

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

(5) Form of Appeal

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

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

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

(6) Fee for filing appeal

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

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

(7) Procedure for disposal of appeal

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

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

- (i) Hear all the parties to appeal present before him; and
- (ii) Peruse or inspect documents, relevant records or copies thereof relating to the matter.

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

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

FORM No. 1

[See Rule 83]

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

Appeal No. of

Before the (First/Second Appellate Authority)

1. Particulars of appellant :

(i) Name of the appellant :

(ii) Official address, if any :

(iii) Residential address :

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

(i)

(ii)

(iii)

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

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

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

6. Grounds of appeal :

(Supported by an affidavit)

7. Prayer :

Place

Date

Appellant's Signature

Annexure D : Additional Conditions of Contract

• Correction of arithmetical errors

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

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

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

2. Procuring Entity's Right to Vary Quantities

(i) If the Procuring Entity does not procure any subject matter of procurement or procures less than the quantity specified in the Bidding Document due to change in circumstances, the Bidder shall not be entitled for any claim or compensation except otherwise provided in the Conditions of Contract.

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

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

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

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

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

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

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

Table-I

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

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

Table-II

S.No.	DLP Period \ Released SD	1 Year	2 Years	3 Years	5 Years
1.	Upto 1 year	100%	40%	20%	10%
2.	Upto 2 year		60%	20%	10%
3.	Upto 3 year			60%	10%

4.	Upto 4 year				20%
5.	Upto 5 year				50%

Various condition for managing DLP are as under :-

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

Table-III

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

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

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

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

Signature of contractor with
Full address.

Executive Engineer (Elect-IV)
JDA, Jaipur.

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.]

JAIPUR DEVELOPMENT AUTHORITY JAIPUR

GUIDELINES OF THE CONTRACT FOR ELIGIBILITY OF CONTRACTORS

NAME OF WORK:-CONSTRUCTION OF 33/11 KV GSS FOR JDA RESIDENTIAL SCHEME, RAJARAMPURA, SIKAR ROAD, JAIPUR.

Guidelines of contract for **QUALIFICATION** as detailed here under, shall be applicable in addition to all other terms and condition already prescribed under standard agreement forms/rules and regulations to contract.

1. Procedure:

Procedure for **QUALIFICATION** would be as follow:

- (a) Tender document shall be submitted on line e-procurement website <http://www.eproc.rajasthan.gov.in> with their digital signature. The bid is to be submitted in **2 envelop** which shall comprise of Envelop-1 being for Technical Bid (Eligibility conditions, EMD, Registration of Contractors, tender document) and Envelop-2 being for BOQ.
- (b) The Tender fee, processing fee and earnest money will be deposited online on or before **16.10.2020**.
- (c) The Bid envelope would be opened on the date **21.10.2020** at 04.00 PM Room No. CB FF-121, Citizen Care Building, Ram Kishore Vyas Bhawan, Indira Circle, Jawahar Lal Nehru Marg, Jaipur – 302 004 (Rajasthan)
- (d) The Financial Bid envelope would be opened only of those bidders who fulfil the ELIGIBILITY criteria in technical bid.

2. Criteria:

Criteria for ELIGIBILITY would be as follows:-

- 1. The **Construction of 33/11 KV GSS (Electric work)** is specialized nature of work. The Bidder who has done such work previously can only participate in this tender and should be having experience in similar nature work. The Bidder has to submit the scan copy of experience certificate in the E-tender along with eligibility criteria.

Note :-

- 1. Certificate issued by Govt. of India, State Govts., Union Territory, and Govt. Undertakings, Autonomous Bodies shall only be considered.

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

Eligibility Criteria

1. The **Construction of 33/11 KV GSS (Electric work)** is specialized nature of work. The Bidder who has done such work previously can only participate in this tender and should be having experience in similar nature work. The Bidder has to submit the scan copy of experience certificate in the E-tender along with eligibility criteria.

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

Percentage BoQ

Tender Inviting Authority: JAIPUR DEVELOPMENT AUTHORITY, JAIPUR

Name of Work : Construction of 33/11 KV GSS for JDA Residential Scheme, Rajarampura, Sikar road, Jaipur

Contract No: EE (ELECT.-IV)/09/2020-21

Name of the Bidder/ Bidding Firm/ Company :						
<div>PRICE SCHEDULE</div> <div>(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)</div>						
Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
1.00	Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor ISI marked (IS:694) of 1.1 kV grade and approved make in existing surface or recessed conduit/casing capping including making connections etc. as required. Complete Rate Group-1					
1.10	2 x 2.5 sq. mm. + 1x1.5sqmm	120.00	Mtr.	42.40	5088.00	INR Five Thousand &Eighty Eight Only
2.00	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					
2.10	50mm x 50mm x 6mm	20.00	Mtr.	250.40	5008.00	INR Five Thousand &Eight Only
3.00	P&F 240/415 V AC MCB with positive isolation of breaking capacity not less than 10 KA (B/ C/ D tripping characteristic) ISI marked IS 8828(1996)]/ conforming to IEC 60898 in existing board/sheets including making connections, testing etc. as required. Complete Rate Group-1					
3.10	Single pole MCB, 6 A to 32 A rating	12.00	Each	120.80	1449.60	INR One Thousand Four Hundred & Forty Nine and Paise Sixty Only
3.20	Four Pole MCB, 40A 63A rating	1.00	Each	1102.40	1102.40	INR One Thousand One Hundred & Two and Paise Forty Only

Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
4.00	SITC of wall/ free standing floor mounted dust and vermin proof compartmentalised cubical panel made out of CRCA sheet , required hardware ,duly treated for derusting in 7 tank process with dephosphating and with powder coating on both side of panel in desired shade The panel having PU/ Neoprene rubber gasket of not less than 3mm thickness , separate detachable gland plate M.S. base channel ,hinged door with locking arrangement for equipment/switchgear . Thickness of sheet shall not be less than 1.6 mm up to 600 mm length / width of any compartment and be of 2.0 mm above 600 mm. Load bearing structure shall be of 2.0 mm thick sheet supported by base M.S. channel if required . Side walls and cable alley compartments having bolted type doors with / without detachable extension type structure. (only outer area on all sides shall be measured & panel to be fabricated from CPRI approved fabricator). Complete Rate Group-1	15.56	Mtr.	2201.60	34256.90	INR Thirty Four Thousand Two Hundred & Fifty Six and Paise Ninety Only
5.00	Supplying and fixing of Aluminium / Copper bus bar by means of SMC / DMC type insulator, high tensile nuts and bolts spring washers in existing panel including bending , cutting in required shape and size and colour coding with heat shrinkable PVC sleeves. Complete Rate Group-1					
5.10	Electrolytic grade Aluminium bus bar	5.00	Kg.	336.00	1680.00	INR One Thousand Six Hundred & Eighty Only
6.00	S & F of Electrical insulating rubber matts confirming to IS: 15652 / 2006 with one side anti skid abberation marks and pasting the mat with synthetic rubber adhesive as required. Complete Rate Group-1					
6.10	11 KV, 2.5 mm thick with proof voltage 22 KV / 3 min. and Break Down Voltage 45 KV	50.00	SQ.Mtr.	1840.00	92000.00	INR Ninety Two Thousand Only
7.00	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					
7.10	4 pole Power contactors with following AC 1 Rating, 63A	1.00	Each	2828.80	2828.80	INR Two Thousand Eight Hundred & Twenty Eight and Paise Eighty Only
8.00	P & F push button actuators and integral contact block of dia. 22.5 mm including making connection etc. as required. Complete Rate Group-1					
8.10	Non luminous type	2.00	Each	68.00	136.00	INR One Hundred & Thirty Six Only
9.00	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					

Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
9.10	One day & week reserve (digital type)	1.00	Each	4596.80	4596.80	INR Four Thousand Five Hundred & Ninety Six and Paise Eighty Only
10.00	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 UVR , shunt trip , earth fault trip, push (test) to trip, including making connections with lugs & spreaders, etc. as required. Complete Rate Group-1					
10.10	With Thermal Magnetic release, up to 100 Amp , 25 kA, adjustable O/L & fixed S/C setting, Ics = 100 % Icu	4.00	Each	3825.60	15302.40	INR Fifteen Thousand Three Hundred & Two and Paise Forty Only
11.00	SITC of quick make and quick break 4 POLE current limiting MCCB having following current rating, short circuit breaking capacity at 440/415 V, 50 Hz; O/L & S/C settings and conforming to IS 60947-2 / IEC 60947-2 with front face and centralised adjustable, line load interchangeability, having positive isolation capability, provision for UVR , shunt trip ,earth fault trip, push (test) to trip , including making connections with lugs & spreaders, etc. as required. Complete Rate Group-1					
11.10	With Thermal Magnetic release, 400 Amp ,35 kA, adjustable O/L & adjustable S/C setting, Ics = 100 % Icu	1.00	Each	19056.80	19056.80	INR Nineteen Thousand & Fifty Six and Paise Eighty Only
12.00	P/Laying P.V.C. / XLPE insulated & P.V.C. sheathed cable of 1.1 KV grade with aluminium conductor of IS:1554 P-I / IS :7098 P - I of Group 1 of approved make in ground as per IS:1255 including excavation of 30cmx75cm size trench, 25 cm thick under layer of sand,Ind class bricks covering, refilling earth,compaction of earth, making necessary connection, testing etc. as required of size. Complete Rate Group-1					
12.10	10 Sq. mm, 2 Core, Complete Rate Armoured	156.00	Mtr.	109.60	17097.60	INR Seventeen Thousand & Ninety Seven and Paise Sixty Only
12.20	25 Sq. mm, 3.5 Core, Complete Rate Armoured	215.00	Mtr.	166.40	35776.00	INR Thirty Five Thousand Seven Hundred & Seventy Six Only
12.30	240 Sq. mm, 3.5 Core, Complete Rate Armoured	70.00	Mtr.	901.60	63112.00	INR Sixty Three Thousand One Hundred & Twelve Only
13.00	P/Laying P.V.C. / XLPE insulated & P.V.C. sheathed cable of 1.1 KV grade with Copper conductor of IS:1554 P-I / IS :7098 P - I of Group 1 of approved make in ground as per IS:1255 including excavation of 30cmx75cm size trench, 25 cm thick under layer of sand,Ind class bricks covering, refilling earth,compaction of earth, making necessary connection, testing etc. as required of size. Complete Rate Group-1					
13.10	2.5 Sq. mm, 2 Core, Complete Rate Armoured	510.00	Mtr.	97.60	49776.00	INR Forty Nine Thousand Seven Hundred & Seventy Six Only

Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
13.20	2.5 Sq. mm, 12 Core, Complete Rate Armoured	350.00	Mtr.	306.40	107240.00	INR One Lakh Seven Thousand Two Hundred & Forty Only
13.30	2.5 Sq. mm, 8 Core, Complete Rate Armoured	350.00	Mtr.	243.20	85120.00	INR Eighty Five Thousand One Hundred & Twenty Only
13.40	4.0 Sq. mm, 4 Core, Complete Rate Armoured	510.00	Mtr.	234.40	119544.00	INR One Lakh Nineteen Thousand Five Hundred & Forty Four Only
14.00	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					
14.10	3.5 x 25 Sq. mm., Complete Rate	12.00	Per Set	91.20	1094.40	INR One Thousand & Ninety Four and Paise Forty Only
14.20	3.5 x 240 Sq. mm., Complete Rate	2.00	Per Set	373.60	747.20	INR Seven Hundred & Forty Seven and Paise Twenty Only
15.00	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					
15.10	3 core 70.0 Sq.mm, Complete Rate	125.00	Mtr.	603.20	75400.00	INR Seventy Five Thousand Four Hundred Only
15.20	3 core 185.0 Sq.mm, Complete Rate	1015.00	Mtr.	1012.80	1027992.00	INR Ten Lakh Twenty Seven Thousand Nine Hundred & Ninety Two Only
15.30	3 core 300.0 Sq.mm, Complete Rate	300.00	Mtr.	1359.20	407760.00	INR Four Lakh Seven Thousand Seven Hundred & Sixty Only
16.00	P & Laying XLPE insulated IS:7098/II/85 of Group1 and approved make H.T.cable for working voltage 33 K.V.Earthed direct in ground including excavation of 30cmx120cm 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					
16.10	3 core 300.0 Sq.mm, Complete Rate	400.00	Mtr.	1988.80	795520.00	INR Seven Lakh Ninety Five Thousand Five Hundred & Twenty Only
17.00	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					
17.10	11 KV End Termination Kit Indoor type, 3 core 120/150/185/225 Sq.mm	8.00	Per Set	4000.00	32000.00	INR Thirty Two Thousand Only

Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
17.20	11 KV End Termination Kit Indoor type, 3 core 240/300 Sq.mm	4.00	Per Set	4360.00	17440.00	INR Seventeen Thousand Four Hundred & Forty Only
17.30	11 KV End Termination Kit Indoor type, 3 core 70/95 Sq.mm	2.00	Per Set	3600.00	7200.00	INR Seven Thousand Two Hundred Only
17.40	11 KV End Termination Kit Outdoor type, 3 core 70/95 Sq.mm	2.00	Per Set	4560.00	9120.00	INR Nine Thousand One Hundred & Twenty Only
17.50	11 KV End Termination Kit Outdoor type, 3 core 120/150/185/225 Sq.mm	7.00	Per Set	5200.00	36400.00	INR Thirty Six Thousand Four Hundred Only
17.60	11 KV End Termination Kit Outdoor type, 3 core 240/300 Sq.mm	4.00	Per Set	5600.00	22400.00	INR Twenty Two Thousand Four Hundred Only
17.70	33 KV End Termination Kit Outdoor type, 3 core 240/400 Sq. mm	4.00	Per Set	8085.12	32340.48	INR Thirty Two Thousand Three Hundred & Forty and Paise Forty Eight Only
18.00	Plate Earthing as per IS:3043 with copper Earth plate of size 600mm x 600mm x 3.0mm 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-1	14.00	Per Set	7360.00	103040.00	INR One Lakh Three Thousand &Forty Only
19.00	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-1	36.00	Per Set	3400.00	122400.00	INR One Lakh Twenty Two Thousand Four Hundred Only
20.00	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-1					
20.10	50mm x 6mm copper strip	42.00	Mtr.	1452.00	60984.00	INR Sixty Thousand Nine Hundred & Eighty Four Only
20.20	50mm x 6mm G.I. (Hot Dipped) Strip	1640.00	Mtr.	170.40	279456.00	INR Two Lakh Seventy Nine Thousand Four Hundred & Fifty Six Only

Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
21.00	Mesh earthing as per IS:3043 with GI earth strip of size 25 mm x 6 mm to form a mesh of size 3000 mm x 1000 mm in horizontal formation to create equal sections of 500 mm x 500 mm by means of 10 mm brass bolts, & nuts with spring washer, embodying 1 mtr. below the ground level, refilling the pit by alternative layers of charcoal & salt up to 500 mm with 20 mm dia, 20mm GI 'B' class watering pipe and 12 mm G I 'B' class pipe for the earth wire including all accessories like nuts, bolts, wire mesh funnel and brick masonry finished chamber covered with hinged CI cover and locking arrangement of size 300 mm x 300 mm complete in all respect. Complete Rate Group-1	79.00	Each	2536.00	200344.00	INR Two Lakh Three Hundred & Forty Four Only
22.00	Supply and erection of GI Octagonal / Conical pole of following length and dimension as per table E-10 with base plate on the cement concrete foundation of M-20 grade (1:1.5:3) with the help of anchor bolts of grade 6.8 (IS: 1367 P III). The pole shall have a weatherproof flush door and locking arrangements. The complete work shall be supervised and certified by the manufacturers for satisfactory supply, erection, testing and commissioning.					
22.10	Octagonal MS Poles made of S-355JO grade steel sheet , folded lengthwise to obtained Octagonal shape, having single longitudinal seam weld and hot dipped galvanised internally & externally in accordance with IS 2629. (See Table E - 10 for specs.)					
22.20	9 Mtr., Complete Rate Group-1	6.00	Each	13440.00	80640.00	INR Eighty Thousand Six Hundred & Forty Only
23.00	Supply, Erection and Fixing of hot dipped galvanised Overhang (48.3 X 3.25 mm) with cap (400 x 88.9 / 114.3 x 3.25 mm) over the existing poles					
23.10	Single arm overhang	6.00	Mtr.	712.00	4272.00	INR Four Thousand Two Hundred & Seventy Two Only
24.00	P & F of IP 66 protected LED Flood Light Luminaire made of single piece powder coated pressure die cast 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 with luminous Efficacy > 80 Lumen/W (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. RGB LED to be used. 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.					
24.10	High Power LED Flood Light 60W	6.00	Each	13939.20	83635.20	INR Eighty Three Thousand Six Hundred & Thirty Five and Paise Twenty Only

Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
25.00	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					
25.10	IP - 65 Protected LED Street Light Luminaire, LED Street Light fixture 110-120 Watt	6.00	Each	18920.00	113520.00	INR One Lakh Thirteen Thousand Five Hundred & Twenty Only
26.00	Supply and fixing of 11kV, 400 Amp 3pole, central pot rotating double break type isolator (IS:9921 part I toV) without earth blade operating mechanism with GI spring loaded reverse loop type fixed contact, solid hard drawn electrolytic copper tubular moving contact with silver/ nickel plated at end points, 9 nos post insulator of 12 kV (IS:2554 & IS 5350 part III), hot dipped galvanising hard ware, nut, bolts etc complete in all respect as per specification of Discom.(Type tested by ERDA/CPRI.). Complete Rate Group-1	21.00	Each	10520.00	220920.00	INR Two Lakh Twenty Thousand Nine Hundred & Twenty Only
27.00	Providing and fixing of single pole mounted structure set for isolator as per Discom specification complete in all respect with nuts and bolts as required MS flat 50 x 6mm, MS angle 65 x 65 x6mm, MS channel 100 x 50 x 6mm. (Excluding cost of pole). Complete Rate Group-1	12.00	Each	1908.00	22896.00	INR Twenty Two Thousand Eight Hundred & Ninety Six Only
28.00	Supply & Erection of lattice structure of height 11 mtr in alignment, including excavation of pit and Providing and laying of cement concrete in ratio 1:3:6 using 43 grade cement, river sand and 12 mm to 20 graded blast crusher broken in pit/ found cement plaster upto 0.50mtr. from top to bottom in 1:3:6 ratio and paint of tower of approved make two coat of red oxide paint and one coat of aluminium paint before installation and one coat of paint after irrection work completed as per technical specifications & drawing of DISCOM. Complete Rate Group-1	3.00	Each	24400.00	73200.00	INR Seventy Three Thousand Two Hundred Only
29.00	Supply and fixing 33kV Disc insulator 120KN (IS 731/ 1971) with minimum creepage distance of 300mm on existing bracket including all accessories like hot dipped GI spindle and nuts etc (as per specification of Discom). Complete Rate Group-1					
29.10	B & S type hardware 120KN	12.00	Each	600.00	7200.00	INR Seven Thousand Two Hundred Only
29.20	B & S disc insulator 120KN	36.00	Each	500.00	18000.00	INR Eighteen Thousand Only

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1	2	3	4	5	6	7
30.00	SITC of battery bank of min 150 AH capacity comprising SMF/VRLA batteries , MS / Teakwood battery stand , interconnect wiring etc as required complete in all respect of rating. Complete Rate Group-1					
30.10	110V DC	1.00	Each	153000.00	153000.00	INR One Lakh Fifty Three Thousand Only
31.00	SITC of FCBC (Float cum boost charger)suitable for 415V +/-10%, 50 Hz , 1- ϕ / 3 - ϕ Input & 24/ 48 /110 V DC OutputNatural Cooled, free standing in Sheet Steel enclosure,SCR controlled , regulation +/-1% , Efficiency > 75% on FLAC/ DC Instruments, Selector Switch ,Built in DC Distribution Board (6 No MCB), indication , control as required of following rating. Complete Rate Group-1					
31.10	25 A + 25 A	1.00	Each	67500.00	67500.00	INR Sixty Seven Thousand Five Hundred Only
32.00	Supply & fabrication steel structure with MS channel / angle / joist / ISMB / sheet etc. including welding, rivetting, cutting, nut & bolt , Painting etc. as required. Complete Rate Group-1	1500.00	Kg	67.20	100800.00	INR One Lakh Eight Hundred Only
33.00	Earth work in excavation/ by mechanical means (Hydraulic Excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5m in width as well as 10 sum on plan) including disposal of excavated earth, lead upto 50 m and lift upto 1.5 m, disposed earth to be levelled and neatly dressed. Complete Rate Group-1	64.00	Cum	404.80	25907.20	INR Twenty Five Thousand Nine Hundred & Seven and Paise Twenty Only
34.00	Providing and laying in position cement concrete including curing, compaction etc. complete in specified grade excluding the cost of centering and shuttering - All work up to plinth level. Complete Rate Group-1					
34.10	M15 grade Nominal Mix 1: 2: 4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40mm nominal size).	118.00	Cum.	4192.00	494656.00	INR Four Lakh Ninety Four Thousand Six Hundred & Fifty Six Only
35.00	Supply and erection of 7.5 Mtr. "AB-1" type sub-station structure fabricated from M.S. Angle 65 \times 65 \times 6 mm with bracing of M.S. Flat 50 \times 6 mm including excavation of pits of size 1 \times 1 \times 1.25 meter (as per specification & drawing approved by Nigam) Steel Wt. 350 Kg. Each structure. Complete Rate Group-1	12.00	Each	19000.00	228000.00	INR Two Lakh Twenty Eight Thousand Only
36.00	Supply and erection of 4.3 meter long "C" type beam fabricated from ISA M.S. Angle 65 \times 65 \times 6 mm with bracing of M.S. Flat 50 \times 6 mm on "AB" and AB structure with Nut & Bolt 5" dia (as per specification & drawing approved by Nigam) Steel Wt. 195 Kg. Each structure. Complete Rate Group-1	6.00	Each	13000.00	78000.00	INR Seventy Eight Thousand Only
37.00	Supply and fixing of lightening arrestors on the existing brackets in all respect as required including hardware, nut, bolt & washer etc. for O&M works complete in all respect as per latest specifications of Discoms. Complete Rate Group-1					

Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
37.10	33 KV Sub-station type (30KV 10 KA Sub-station Class)	6.00	Each	17995.00	107970.00	INR One Lakh Seven Thousand Nine Hundred & Seventy Only
38.00	Supply and laying/stringing of Bus bar with ACSR and jumber connection using tie rod, 11 KV insulator string, required hardware, PG clamps/T-clamps etc., as per requirement including Y-connection at bus bar jumpering point complete in all respect as per latest specifications of Discoms. Complete Rate Group-1					
38.10	PG Clamp for ACSR Panther to Panther	66.00	Nos.	317.00	20922.00	INR Twenty Thousand Nine Hundred & Twenty Two Only
38.20	T/Clamp for Panther to Panther	66.00	Nos.	230.00	15180.00	INR Fifteen Thousand One Hundred & Eighty Only
38.30	ACSR panther conductor	336.00	Mtr.	228.00	76608.00	INR Seventy Six Thousand Six Hundred & Eight Only
39.00	SITC of VCB out door type complete with accessories including use of special tools & conducting all pre commissioning tests before energisation, 1 etc. complete in all respect with erection & grouting of structure (excluding civil works). complete in all respect as per latest specifications of Discoms. The relays will be tested by Discom.					
39.10	36 KV VCB, 1250 Amp., Complete Rate Group-1	8.00	Set	351815.00	2814520.00	INR Twenty Eight Lakh Fourteen Thousand Five Hundred & Twenty Only
40.00	SITC of 12KV VCB indoor type with one out going only of 630Amp complete with accessories including use of special tools & conducting all pre commissioning tests before energisation, etc. complete in all respect with erection & grouting of structure (excluding civil works). complete in all respect as per latest specifications of Discoms. (including CTs,PT with metering equipment). Complete Rate Group-1					
40.10	12 KV VCB, 630 Amp. (Indoor Type)	11.00	Set	376667.00	4143337.00	INR Forty One Lakh Forty Three Thousand Three Hundred & Thirty Seven Only
41.00	SITC of 33 KV oil filled current / potential transformers on supporting structure including wiring and conducting all pre commissioning tests before energisation, including making necessary terminal connections complete in all respect as per latest specifications of Discoms. (The CT/PT set will be tested by Discom). The work include installation of structure and foundation as per latest Discom specifications. Complete Rate Group-1					
41.10	33KV CT (1 Set of 3 Nos.) 240-120-60/5A-5A	2.00	Set	160000.00	320000.00	INR Three Lakh Twenty Thousand Only
41.20	33KV CT (1 Set of 3 Nos.) 400-200-100/5A-5A	6.00	Set	180000.00	1080000.00	INR Ten Lakh Eighty Thousand Only
41.30	33KV PT, 33 KV/110 V	2.00	Set	90834.00	181668.00	INR One Lakh Eighty One Thousand Six Hundred & Sixty Eight Only

Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
41.40	11KV PT, 11 KV/110 V	2.00	Set	35070.00	70140.00	INR Seventy Thousand One Hundred & Forty Only
41.50	11KV RVT, 11 KV/110 V	1.00	Set	36500.00	36500.00	INR Thirty Six Thousand Five Hundred Only
41.60	11KVCT (1 Set of 3 Nos) 300-150-100/5A-5A	1.00	Set	115000.00	115000.00	INR One Lakh Fifteen Thousand Only
42.00	SITC of control and relay panel including checking of wiring and conducting all pre commissioning tests before energisaion, satisfactory operation of all equipment existing thereof complete in all respect as per latest specifications of Discoms. Complete Rate Group-1					
42.10	33 KV Control Panel Feeder Type	6.00	Set	182500.00	1095000.00	INR Ten Lakh Ninety Five Thousand Only
42.20	33 KV Control Panel Transformer Type	2.00	Set	235565.00	471130.00	INR Four Lakh Seventy One Thousand One Hundred & Thirty Only
43.00	Supply and fixing of X-15 type structure for isolator made of M.S. Angle of size 75×75×6 mm for main and 65×65×6 mm M.S. Angle for bracing including execution of pit of required size complete in all respect as per latest specification of JVVNL approximate weight 150 Kg. Complete Rate Group-1	7.00	Cum.	12140.00	84980.00	INR Eighty Four Thousand Nine Hundred & Eighty Only
44.00	Supply and erection of 6.0 Mtr. "AB-1" type sub-station structure fabricated from M.S. Angle 65 × 65 × 6 mm with bracing of M.S. Flat 50 × 6 mm including excavation of pits of size 0.9 × 0.9 × 1 meter (as per specification & drawing approved by Nigam) Steel Wt. 280 Kg. Each structure. Complete Rate Group-1	6.00	Each	16000.00	96000.00	INR Ninety Six Thousand Only
45.00	Constn. of 33/11 KV Transformers plate form 2.4 × 2.4 × 2.0 Mtrs. including excavation in all type of soil up to the depth of 900 mm, foundation concrete in C.C. - 1 : 5 : 10 for 150 mm thickness brick masonry in cement mortar of mix. 1:8 with top of the plate form finished with 100 mm layer of C.C. 1:2:4 alongwith 2 Nos. M.S. Rails 90 Pounds of 2.4 Mtr. length each, alongwith cement plaster - 20 mm thick of mix ration 1 : 6, on all the exposed surfaces of the plate form - complete in all respect. Complete Rate Group-1	2.00	Each	20000.00	40000.00	INR Forty Thousand Only
46.00	Constn. of 33 KV Kiosk/VCB Plate form 3.0 × 1.3 × 1.3 Mtrs. Including excavation in all type of soil up to the depth of 900 mm, foundation concrete in C.C. - 1 : 5 : 10 for 150 mm thickness, stone masonry in cement mortar of mix. 1:8 with top of the plate form finished with 100 mm layer of C.C. 1:2:4 including fixing of foundation bolts and cement plaster - 20 mm thick of mix ration 1 : 6, on all the exposed surfaces of the plate form - complete in all respect. Complete Rate Group-1	8.00	Each	7000.00	56000.00	INR Fifty Six Thousand Only

Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
47.00	Supply and fixing of 11 KV porcelain Disc insulators (B&S) type on existing brackets complete including all accessories like hardwares, fitting nut, bolt & washer etc. complete in all respect as per latest specifications of Discoms. Complete Rate Group-1					
47.10	One H/w with 3 Disc insulator (120KN) for Panther	18.00	Set	3700.00	66600.00	INR Sixty Six Thousand Six Hundred Only
48.00	Providing and fixing of G.I. Pipe of 125 mm diameter. B-Class (IS:1239 mark), at the starting and finishing point of 11 KV underground cables and to lay & clamp vertically with the existing support including labour charges. Complete Rate Group-1	30.00	Mtr.	950.00	28500.00	INR Twenty Eight Thousand Five Hundred Only
Total in Figures					16584010.78	INR One Crore Sixty Five Lakh Eighty Four Thousand & Ten and Paise Seventy Eight Only
Quoted Rate in Figures			Select		0.00	INR Zero Only
Quoted Rate in Words		INR Zero Only				