

JAIPUR DEVELOPMENT AUTHORITY

Room No. 234, Main Building Ram Kishore Vyas Bhavan, Indira Circle, Jawahar Lal Nehru Marg, Jaipur – 302 004
Telephone: +91-141-2569696 e.mail : xxxxxxxx@jaipurjda.org

No. JDA/E.E/Project-4/Elect./2015/D-

Date:

SHORT TERM NOTICE INVITING BID

NIB No. : 14/2015-16

Online Bids are invited up-to 6.00 PM of 11/09/2015 for (1) Annual Rate contract for Shifting and dismantling of HT/LT Lines by erection / laying New HT/LT lines & other electrical work at various Places in JDA region, Jaipur.

(2) Annual Rate contract for providing and fixing of street lights at various Places in JDA region, Jaipur.

(3) Electrification and 33 KV charging feeder work of Residential Scheme Deendayal Nagar at Bhambhori, Jaipur. Details may be seen in the Bidding Document at our office or the website of State Public Procurement Portal website www.sppp.rajasthan.gov.in, www.eproc.rajasthan.gov.in and www.jaipurjda.org.

To participate in the bid, bidder has to be:

1. Registered on JDA website www.jaipurjda.org

For participating in the Bid, the Bidder has to apply for the Bid and pay the Bidding Document Fee, RISL Processing Fee and Bid Security Deposit, online only.

2. Registered on e-Procurement Portal of Government of Rajasthan www.eproc.rajasthan.gov.in for online e-Bid submission.

(Executive Engineer P-4 Elect)
Procuring Entity

JAIPUR DEVELOPMENT AUTHORITY

Room No. 113, CCC building, Ram Kishore Vyas Bhavan, Indira Circle, Jawahar Lal Nehru Marg, Jaipur – 302 004

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

No. JDA/E.E/Project-4/Elect./2015/D-

Date:

SHORT TERM NOTICE INVITING BID

NIB No. : 14 (i) /2015-16

Name & Address of the Procuring Entity	<ul style="list-style-type: none"> ➤ Name: Executive Engineer P-4 (Elect), Jaipur Development Authority ➤ Address: Room No. 113, CCC Building, 1st Floor, Ram Kishore Vyas Bhavan, Indira Circle, Jawahar Lal Nehru Marg, Jaipur – 302 004 (Rajasthan) ➤ Email: saleem119164@Gmail.com
Subject Matter of Procurement	➤ Annual Rate contract for Shifting and dismantling of HT/LT Lines by erection / laying New HT/LT lines & other electrical work at various Places in JDA region, Jaipur.
Bid Procedure	Two Bid (eg. Single-stage Two part (envelope) open competitive) eBid procedure at http://eproc.rajasthan.gov.in
Bid Evaluation Criteria (Selection Method)	➤ L-1 (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.jaipurjda.org
Website for online Bid application and payment *	<ul style="list-style-type: none"> ➤ 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 and Bid Security Deposit, online only. <ul style="list-style-type: none"> ○ Bidding document fee: Rs. 1000.00 Rupees (One Thousand only) ○ RISL Processing Fee: Rs. 1000 (Rupees One Thousand only) ○ Requisite Bid Security Deposit
Estimated Procurement Cost	➤ INR 296.20 Lacs (Rupees Two Hundred Ninety Six and Twenty Lacs Only)
Bid Security Deposit	➤ Amount (INR) : 2% (Rs. 5,92,400.00) of Estimated Procurement Cost, 0.5% of S.S.I. of Rajasthan, 0.5% (Rs. 1,48,100.00) for Bidder registered as contractor in JDA, 1% for Sick Industries, other than S.S.I., whose cases are pending with Board of Industrial & Financial Reconstruction.
Pre-Bid	➤ N/A
Start/ End Date for Bid Applying, Online Payment and Bid Submission	<ul style="list-style-type: none"> ➤ Start Date: 28.08.2015 at 6.00 PM onwards ➤ End Date: 11.09.2015 at 6.00 PM
**Date/ Time/ Place of Technical Bid Opening	<ul style="list-style-type: none"> ➤ 16.09.2015 at 3.30 PM ➤ Room No. Room No. 113, CCC Building, 1st Floor, Ram Kishore Vyas Bhavan, Indira Circle, Jawahar Lal Nehru Marg, Jaipur – 302 004 (Rajasthan)
Date/ Time/ Place of Financial Bid Opening	➤ Will be intimated later to the Technically qualified bidders
Bid Validity	➤ 120 days from the bid submission deadline
Work Execution Period	12 Months
<p>* The amount is to be deposited online by bidder. In case the amount exceeds the online payment limit the payment may be made through RTGS/NEFT in ICICI BANK LTD Bank Account Number 675401700586 IFSC Code ICIC0006754. After successful payment, update the UTR/Instrument number on JDA Tender portal against the tender you want to participate. The amount deposited will be confirmed by JDA and will be updated online.** There should be a gap of 3 working days BETWEEN End Date for Bid Applying, Online Payment & Bid Submission AND Bid opening date.</p>	
<p>Note:</p> <ol style="list-style-type: none"> 1. Bidder (authorised signatory) shall submit their offer on-line in Electronic formats both for technical and financial proposal. 2. In case, any of the bidders fails to pay the Tender Fee, BSD, and RISL Processing Fee, online (subject to confirmation), its Bid shall not be accepted. 3. To participate in online bidding process, Bidders must procure a Digital Signature Certificate (Type III) as per Information Technology Act-2000 using which they can digitally sign their electronic bids. Bidders can procure the same from any CCA approved certifying agency, i.e. TCS, Safecrypt, Ncode etc. Bidders who already have a valid Digital Signature Certificate (DSC) need not procure a new DSC. Also, bidders must register on http://eproc.rajasthan.gov.in (bidders already registered on http://eproc.rajasthan.gov.in before 30-09-2011 must register again). 4. JDA will not be responsible for delay in online submission due to any reason. For this, bidders are requested to upload the complete bid well advance in time so as to avoid 11th hour issues like slow speed; choking of web site due to heavy load or any other unforeseen problems. 5. Bidders are also advised to refer "Bidders Manual Kit" available at eProc website for further details about the e-Tendering process. 6. Training for the bidders on the usage of e-Tendering System (eProcurement) is also being arranged by DoIT&C, GoR on a regular basis. Bidders interested for training may contact e-Procurement Cell, DoIT&C for booking the training slot. Contact No: 0141-4022688 (Help desk 10 am to 6 pm on all working days) e-mail: eproc@rajasthan.gov.in 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 P-4 Elect)
Procuring Entity

Process for Participation & Depositing Payment Online

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

To participate in the bid, bidder has to be:

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

Methods for depositing on line amount

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

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

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

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

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

Jaipur Development Authority

Bid Participation Receipt

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

Bid Detail

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

Bidder Detail

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

Dates Detail

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

Specific Instrument Detail for eProc Rajasthan

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 2013 BSR PWD RAJASTHAN JAIPUR/JDA APPROVED.

SCHEDULE 'H':SPECIAL CONDITION ATTACHED SEPARATELY.

SCHEDULE 'I': LIST F 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.-P4)
JDA, Jaipur.

SCHEDULE 'H'

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

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

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

SIGNATURE OF CONTRACTOR
WITH FULL ADDRESS:

EXECUTIVE ENGINEER Elect.-P4
JDA JAIPUR

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

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

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

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

Executive Engineer (Elect-P4)
JDA, Jaipur.

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

Signature & Seal of the Contractor

JAIPUR DEVELOPMENT AUTHORITY, JAIPUR.

DETAILED SPECIAL CONDITION AND SPECIFICATIONS

1. The scope of the Schedule "G" comprises shifting of HT/LT lines and street light work mentioned in the 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 retardates caution signs during the execution of work at his own cost in order in to avoid any miss happening.
4. No opening shall be left uncovered during night. The bidder shall make all arrangement to avoid any claim if preferred on his account shall be the liability of the bidder.
5. No road or part of the road shall be cut without taking the prior permission in writing from the competent authority. The permission shall be arranged by bidder on the request of JDA. However, any changes will be borne by JDA.
6. The contractor shall be deemed to have carefully examined the specifications general condition and bid drawing etc. and they have been fully informed and have satisfied himself as to the nature and character of the work to be executed site conditions and other relevant matters and details.
7. References to standards code specifications recommendation shall mean the attested addition of such publications of the work to be executed at site before the date of invitation to submit proposals.
8. The excavated material shall be place within 1.5 Mtr. of the edge the half of the depth of the trench with have is more side clear shall be done within 24 hours.
9. The work shall be carried out strictly Dom plying within Indian Electricity Rules in force and as per specifications for Electrical and lift work issued by PWD Raj., Jaipur 1980 or any other IS code for this work.
10. **Trenching** : The trenches shall be of shaper size as instructed by the Engineer-in-Charge.
 - (a) **Width**
 - (i) The minimum width of trench for laying single cable shall be 35 Cm.
 - (ii) Where more than one cable is to be laid in the same trench in horizontal formation. The width of the trench shall be increased such that the spacing between the cables shall be at least 20 Cm.
 - (b) **Depth**

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

(c) EXCAVATION

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

(d) PLACING OF THE CABLE

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

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

(f) PROTECTION

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

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

12. EARTHING

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

13. CONTROLLING PANELS

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

14. SUBMISSION OF DRAWING BY THE CONTRACTOR

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

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

15. TESTING

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

- (i) **Continuity and installation test of cable** : The contractor shall arrange for the continuity of cable for well use of the perfect of the cable.
 - (ii) **Mager Testing** : The whole installation shall be arranged to be test by contractor after its completion shall in presence of Engineer-in-Charge and result shall be recoated and signed jointly.
16. **Earthing Testing**: Earth test shall be performed by the contractor and results will be used be recorded and signed jointly.
 17. Any other test for cable etc. required shall be arranged by the contractor.
 18. No condition of any short except as provided in the printed from schedule of quantities will be entertained.
 19. Conditions given in the bid from apply in full.
 20. The contractor shall have to obey the labour laws. The labour shall have to pay monthly and shall have first line on the bill of contractor, in case of complaint of labour and non-payment of wages is received to the department.
 21. The rate of every item should be quoted against each in figures and in words as well for complete Non BSR Items.
 22. In case of any typographical error in nomenclature, unit and rate, the rates as per BSR on which 'G' Schedule is prepared shall be binding on the bids.
 23. In case of any dispute the Executive Engineer (Elect-P4) decision shall be final.
 24. The bidders are expected to be fully conversant with the general and special conditions of contract in force in this office. They must see the site of work acquaint themselves of the position of the materials, Fluctuation of the rates in the market, see the schedule and plans in the office and remove doubts, if any, before submitting their bids.
 25. The JDA is not responsible for arranging any material whatsoever any the contractor will have to complete the work within the specified time with specified material and approved accessories, from the stock, non-availability of material or delay in the consignment will not be entertained to as an excuse for extension of time for completion of work.
 26. Contractor will not be paid extra for sales or any other tax.
 27. Bids must be submitted on the prescribed forms duly signed by the bids on every page.
 28. All entries by the bidder should be in on ink only. Erasers and over writings are not permissible. All cancellation correction and insertions must be signed by the bidder.If any rates are not quoted, bid will be rejected.
 29. Rate quoted should be given for the work; separately in words and figures in case there is any difference in rates between words and figures the lower of the two will be taken as correct.

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

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

**SIGNATURE OF CONTRACTOR
WITH FULL ADDRESS:**

**EXECUTIVE ENGINEER (Elect-P4),
JDA, JAIPUR**

Note :

- 1- fdlh Hkh fufonk dks fcuk dkj.k crk, fujLr fd;k tk ldrk gSAvkosnd @ laosnd dks fufonk izkIr djus ds fy, vkosnu ds lkFk iath;u izek.k i= dh izfr izLrqr djuk vfuok;Z gSA
- 2- vkosnd @ laosnd dks fufonk izi= ij viuk irk ,oa nwjHkk"k uEcj vafdr djuk vfuok;Z gSA

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

Any person participating in a procurement process shall –

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

Conflict of Interest :-

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

- i. A Bidder may be considered to be in Conflict of Interest with one or more parties in a bidding process if, including but not limited to:
 - a. Have controlling partners/shareholders in common ; or
 - b. Receive or have received any direct or indirect subsidy from any of them; or
 - c. Have the same legal representative for purposes of the Bid; or

- d. Have a relationship with each other; directly or through common third parties, that puts them in a position to have access to information about or influence on the Bid of another Bidder, or influence the decisions of the Procuring Entity regarding the bidding process; or
- e. The Bidder participates in more than one Bid in a bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all Bids in which the Bidder is involved. However, this does not limit the inclusion of the same subcontractor, not otherwise participating as a Bidder, in more than one Bid; or
- f. The Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the Goods, Works or Services that are the subject of the Bid; or
- g. Bidder or any of its affiliates has been hired (or is proposed to be hired) by the Procuring Entity as engineer-in-charge/ consultant for the contract.

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

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

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

Date :

Signature of bidder

Place :

Name :

Designation :

Address :

Annexure C : Grievance Redressal during Procurement Process

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

The designation and address of the Second Appellate Authority is E.C., 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 there under, 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.

Tender Inviting Authority: Jaipur Development Authority, Jaipur						
Name of Work : Annual Rate contract for Shifting and dismantling of HT/LT Lines by erection / laying New HT/LT lines & other electrical work at various Places in JDA region, Jaipur						
Contract No: NIB No-EE-P4-Elect/14(1)/2015-16						
Bidder Name:		Less (-)		%		
SCHEDULE OF WORKS						
(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)						
Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
1.00	Supply and erection of P.C.C./R.C.C. pole as per REC manual no 15/1979 conforming to IS: 2905/1966 including excavation of pit and back filling with stone aggregate/boulders and soil in 0.45m consolidating each deposited layer of 0.45m by ramming and watering etc complete in all respect.					
1.01	8.0 Mtr long as per Discom specification	10.00	Each	2660.40	Rupees Two Thousand Six Hundred & Sixty and Paise Forty Only	26604.00
1.02	9.0 Mtr long (200 Kg) as per Discom specification	10.00	Each	3859.20	Rupees Three Thousand Eight Hundred & Fifty Nine and Paise Twenty Only	38592.00
2.00	Supply and erection of GI stay set as per Discom specification complete with long stay rod with anchor plate including stay clamps turn buckle and G.I stay wire tightened through strain insulator, in cement concrete 1:3:6 including excavation of pit-re-filling etc as reqd.					
2.01	Stay set of dia 20mm,2.4m long stay rod and anchor plate 380x380x6.4mm	20.00	Each	1319.00	Rupees One Thousand Three Hundred & Nineteen Only	26380.00
2.02	Stay set of dia 16mm,1.8m long stay rod and anchor plate 300x300x6.4mm	20.00	Each	785.00	Rupees Seven Hundred & Eighty Five Only	15700.00

3.00	Supply and fixing of following LT Supporting accessories with nut bolt & Clamps made out as per standard Discom's specifications.					
3.01	LT cross arm 600 mm long with clamp	40.00	Each	280.00	Rupees Two Hundred & Eighty Only	11200.00
3.02	LT cross arm 1200 mm long with clamp	40.00	Each	480.00	Rupees Four Hundred & Eighty Only	19200.00
4.00	Supply and fixing of LT porcelain pin insulator as per IS 1445-1997 suitable for working voltage 1100 volts including all accessories like hot dip GI forged spindle of 260mm long and nuts etc as reqd as per Discom specification.					
4.01	120mm x 85mm	150.00	Each	85.00	Rupees Eighty Five Only	12750.00
5.00	Supply and fixing of porcelain shackle insulator as per IS:1443 1979 suitable for working on 1100 volts including hot dipped GI accessories and heavy duty hardwares etc as required as per Discom specification.					
5.01	100mm x 110mm	100.00	Each	120.00	Rupees One Hundred & Twenty Only	12000.00
6.00	Supplying and drawing overhead steel core Aluminium conductor (ACSR) ISI marked (IS 398 part II-1996) on existing cross arms through insulator with all necessary T&P required including binding and twisting etc. complete in all respect as required as per Discom specification.					
6.01	50 Sqmm of (6+1) 3.35 mm (Insulated Rabbit)	1000.00	Mtr.	62.00	Rupees Sixty Two Only	62000.00
6.02	100 sqmm of (6/4.72 mm+1/1.57 mm) (Dog)	500.00	Mtr.	89.00	Rupees Eighty Nine Only	44500.00
7.00	Supply and fixing of 'V' type cross arms made of MS channel on the existing poles complete including all necessary nut and bolt etc with clamps as per Discom specification.					
7.01	11kV cross arms (75 x 40 x 6.8 kg/mtr)	30.00	Each	850.00	Rupees Eight Hundred & Fifty Only	25500.00
8.00	Supply and fixing of top hamper on the existing pole complete including nut bolts etc as required.					
8.01	Vertical type					
8.02	11 kV (.7m long) (65 x 65 x 6mm angle)	30.00	Each	315.00	Rupees Three Hundred & Fifteen Only	9450.00
8.03	Horizontal type					

8.04	11 kV top hamper (65 x 65 x 6mm angle)	10.00	Each	195.00	Rupees One Hundred & Ninety Five Only	1950.00
9.00	Supply and fixing of Cross arms made out from 100 x 50 x 5 mm MS channel complete in all respect as required including nuts and bolts and clamp as per Discom specification etc as required.					
9.01	1.3 m long	10.00	Each	850.00	Rupees Eight Hundred & Fifty Only	8500.00
10.00	Supply and fixing 11kV pin insulator(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 specificationof Discom).	120.00	Each	135.00	Rupees One Hundred & Thirty Five Only	16200.00
11.00	Supply and fixing 11kV Disc insulator (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 specificationof Discom).					
11.01	B & S type hardware 45 KN	52.00	Each	560.00	Rupees Five Hundred & Sixty Only	29120.00
11.02	B & S disc insulator 45 KN	26.00	Each	406.00	Rupees Four Hundred & Six Only	10556.00
12.00	Supplying and laying of 7/3.15 mm hot dipped galvanized stay wire as required	1000.00	Mtr	25.00	Rupees Twenty Five Only	25000.00
13.00	Supply and fixing of pillar box made of 2 mm thick powder coated CRCA sheet of 415 volts 3 phase 4 wire triple pole and neutral type, complete in all respect as required. Including knife switch of 400 amp. rating , HRC fuses with copper one piece U contacts base, brass studs and nuts, copper busbar for main and interconnection, MS angle frame of 50 x 50 x 6 mm grouted with C.C. of M-10 grade to achieve the height of 1.5 feet above the road level suitable for four outgoing.	15.00	Each	42500.00	Rupees Forty Two Thousand Five Hundred Only	637500.00
15.00	Supply and fixing 100 Amp, 11kV Horn gap fuse set IS 9385 on existing DP structure with 6 nos 24kV/22kV post insulator (IS:5350 part III), hot dipped hard ware,fuse wire of required size etc. complete in all respect as per specification given by Discom. (5.00	Each	6050.00	Rupees Six Thousand & Fifty Only	30250.00
16.00	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	5.00	Each	13150.00	Rupees Thirteen Thousand One Hundred & Fifty Only	65750.00

	dipped galvanising hard ware, nut, bolts etc complete in all respect as per specification of Discom.(Type tested by ERDA/CPRI.)					
17.00	Supply and fixing double pole structure for 11/0.4 Kv substation as per Discom specification complete in all respect as required including nuts and bolts etc (excluding the cost of poles) made of MS channel of 4 nos 100 x 50 x 6mm and 4 nos 75 x 40 x 6mm and MS flat 50 x 6mm as per Discom specifications.	10.00	Each	9570.00	Rupees Nine Thousand Five Hundred & Seventy Only	95700.00
18.00	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).	5.00	Each	2385.00	Rupees Two Thousand Three Hundred & Eighty Five Only	11925.00
19.00	Supply of Fabricated 33 KV of 'V' type cross arms made of MS channel 100x50 ISMC (9.5Kg. Per Mtr.) on the existing poles complete including all necessary nut and bolt etc with clamps as per technical specifications & drawing of DISCOM.	5.00	Each	1265.00	Rupees One Thousand Two Hundred & Sixty Five Only	6325.00
20.00	Supply and fixing of top hamper on the existing pole complete including nut bolts etc as required. Vertical type 33 kV. 0.75mtr. IS 75x75x6mm as per tech specs. Of DISCOM (Steel weight 6.5Kg. Approx. per top hamper).	5.00	Each	350.00	Rupees Three Hundred & Fifty Only	1750.00
21.00	Supply and fixing 33kV pin insulator(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 technical specifications & drawing of DISCOM.	30.00	Each	450.00	Rupees Four Hundred & Fifty Only	13500.00
22.00	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 specificationof Discom).					
22.01	B & S type hardware 120KN	24.00	Each	750.00	Rupees Seven Hundred & Fifty Only	18000.00
22.02	B & S disc insulator 120KN	72.00	Each	625.00	Rupees Six Hundred & Twenty Five Only	45000.00
23.00	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,IIInd class bricks covering, refilling earth,compaction of earth, making necessary connection, testing etc. as required of size.					

23.01	10.0 Sq.mm					
23.02	2 core	1000.00	Mtr.	137.00	Rupees One Hundred & Thirty Seven Only	137000.00
23.03	16.0 Sq.mm					
23.04	4 core	1000.00	Mtr.	178.00	Rupees One Hundred & Seventy Eight Only	178000.00
23.05	25.0 Sq.mm					
23.06	3.5 core	600.00	Mtr.	208.00	Rupees Two Hundred & Eight Only	124800.00
23.07	185.0 Sq.mm					
23.08	3.5 core	4850.00	Mtr.	917.00	Rupees Nine Hundred & Seventeen Only	4447450.00
23.09	300.0 Sq.mm					
23.10	3.5 core	100.00	Mtr.	1367.00	Rupees One Thousand Three Hundred & Sixty Seven Only	136700.00
24.00	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.					
24.01	2 x 10.0 sq.mm	80.00	Set	55.00	Rupees Fifty Five Only	4400.00
24.02	3.5 x 25.0 sq.mm	80.00	Set	114.00	Rupees One Hundred & Fourteen Only	9120.00
24.03	3.5 x 50.0 sq.mm	40.00	Set	132.00	Rupees One Hundred & Thirty Two Only	5280.00
24.04	3.5 x 185.0 sq.mm	200.00	Set	395.00	Rupees Three Hundred & Ninety Five Only	79000.00
24.05	3.5 x 300.0 sq.mm	20.00	Set	613.00	Rupees Six Hundred & Thirteen Only	12260.00

24.06	4 x 16.0 sq.mm	40.00	Set	108.00	Rupees One Hundred & Eight Only	4320.00
25.00	Supplying and making end termination with heavy aluminium lugs (Pin / ring type) duly crimped with crimping tool, PVC tape etc of following size.					
25.01	10.0 Sq.mm	10.00	Each	8.00	Rupees Eight Only	80.00
25.02	16.0 Sq.mm	10.00	Each	9.00	Rupees Nine Only	90.00
25.03	25.0 Sq.mm	10.00	Each	10.00	Rupees Ten Only	100.00
25.04	50.0 Sq.mm	10.00	Each	15.00	Rupees Fifteen Only	150.00
25.05	120.0 Sq.mm	10.00	Each	28.00	Rupees Twenty Eight Only	280.00
25.06	150.0 Sq.mm	60.00	Each	38.00	Rupees Thirty Eight Only	2280.00
25.07	240.0 Sq.mm	10.00	Each	60.00	Rupees Sixty Only	600.00
25.08	300.0 Sq.mm	10.00	Each	85.00	Rupees Eighty Five Only	850.00
26.00	S & Making Heat shrinkable type outdoor straight through joint for following size of PVC/ XLPE insulated aluminium conductor cable of 1.1 KV grade including cost of compound, sleeves etc. as required.					
26.01	3.5 x 185.0 sq.mm	5.00	Set	1620.00	Rupees One Thousand Six Hundred & Twenty Only	8100.00
26.02	3.5 x 240.0 sq.mm	5.00	Set	2040.00	Rupees Two Thousand & Forty Only	10200.00
26.03	3.5 x 300.0 sq.mm	5.00	Set	2160.00	Rupees Two Thousand One Hundred & Sixty Only	10800.00
26.04	3.5 x 400.0 sq.mm	5.00	Set	2347.00	Rupees Two Thousand Three Hundred & Forty Seven Only	11735.00
27.00	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.					

27.01	3 core 70.0 Sq.mm	800.00	Mtr.	754.00	Rupees Seven Hundred & Fifty Four Only	603200.00
27.02	3 core 185.0 Sq.mm	6000.00	Mtr.	1266.00	Rupees One Thousand Two Hundred & Sixty Six Only	7596000.00
27.03	3 core 300.0 Sq.mm	100.00	Mtr.	1699.00	Rupees One Thousand Six Hundred & Ninety Nine Only	169900.00
28.00	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.					
28.01	3 core 300.0 Sq.mm	800.00	Mtr.	2486.00	Rupees Two Thousand Four Hundred & Eighty Six Only	1988800.00
29.00	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 .					
29.01	11 KV End Termination Kit Indoor type					
29.02	3 core 70/95 Sq.mm	10.00	Set	4500.00	Rupees Four Thousand Five Hundred Only	45000.00
29.03	3 core 120/150/185/225 Sq.mm	100.00	Set	5000.00	Rupees Five Thousand Only	500000.00
29.04	3 core 240/300 Sq.mm	10.00	Set	5450.00	Rupees Five Thousand Four Hundred & Fifty Only	54500.00
29.05	11 KV End Termination Kit Outdoor type					
29.06	3 core 70/95 Sq.mm	10.00	Set	5700.00	Rupees Five Thousand Seven Hundred Only	57000.00

29.07	3 core 120/150/185/225 Sq.mm	10.00	Set	6500.00	Rupees Six Thousand Five Hundred Only	65000.00
29.08	3 core 240/300 Sq.mm	10.00	Set	7000.00	Rupees Seven Thousand Only	70000.00
29.09	11 KV Straight Through Joint Kit					
29.10	3 core 70/95 Sq.mm	5.00	Set	10200.00	Rupees Ten Thousand Two Hundred Only	51000.00
29.11	3 core 120/150/185/225 Sq.mm	30.00	Set	15000.00	Rupees Fifteen Thousand Only	450000.00
29.12	3 core 240/300 Sq.mm	5.00	Set	16500.00	Rupees Sixteen Thousand Five Hundred Only	82500.00
29.13	33 KV End Termination Kit Outdoor type					
29.14	3 core 240/400 Sq.mm	10.00	Set	10106.40	Rupees Ten Thousand One Hundred & Six and Paise Forty Only	101064.00
29.15	33 KV Straight Through Joint Kit					
29.16	3 core 240/400 Sq.mm	10.00	Set	30286.80	Rupees Thirty Thousand Two Hundred & Eighty Six and Paise Eighty Only	302868.00
30.00	Pipe Earthing as per IS:3043 with perforated 3.0 Mtr. Long, 40 mm dia. ' B ' class G.I. Pipe including all accessories like nut, bolts, reducer, nipple, wire meshed funnel, and C.C. finished chamber covered with hinged type with locking arrangement C.I. Cover, C.I. Frame of size 300mm x 300 mm and embodying the pipe complete with alternate layers salt and coke/ charcoal, testing of earth resistance as required.	70.00	Set	1650.00	Rupees One Thousand Six Hundred & Fifty Only	115500.00
31.00	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	10.00	Set	4250.00	Rupees Four Thousand Two Hundred & Fifty Only	42500.00

	size 300mm x 300mm complete with alternate layers of salt and coke/charcoal, testing of earth resistance as required.					
32.00	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.					
32.01	8 SWG G.I. (Hot Dipped) Wire	100.00	Mtr.	9.00	Rupees Nine Only	900.00
32.02	25mm x 3mm G.I. (Hot Dipped) Strip	50.00	Mtr.	58.00	Rupees Fifty Eight Only	2900.00
33.00	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					
33.01	100 mm dia.	100.00	Mtr.	667.00	Rupees Six Hundred & Sixty Seven Only	66700.00
33.02	125 mm dia.	50.00	Mtr.	925.00	Rupees Nine Hundred & Twenty Five Only	46250.00
34.00	SITC of 11 KV, 400/630 A, 20kA / 3 sec, Out door, Extensible type Ring main unit (RMU) in suitable RCC foundation with 2 no. Load break switch & 1 no. VCB / SF6 circuit breaker with over load, Earth fault, short circuit relay, copper bus bar, earthing switch, mechanical ON / OFF / Earth indication, Voltage presence indicator, Ring core protection CT 2.5 VA, 10P10 as per transformer rating, Shunt trip coil, Anti reflex operating handle, right angle boots etc. as required.	16.00	Set	414560.00	Rupees Four Lakh Fourteen Thousand Five Hundred & Sixty Only	6632960.00
35.00	Add extra for 1 no. VCB / SF6 circuit breaker coupled with existing extensible type RMU with over load, Earth fault, short circuit relay, copper bus bar, Ring core protection CT 2.5 VA, 10P10 as per transformer rating, mechanical ON / OFF / Earth indication, Voltage presence indicator, Anti reflex operating handle, right angle boots etc. as required.	6.00	Set	395000.00	Rupees Three Lakh Ninety Five Thousand Only	2370000.00
36.00	Supply & fabrication steel structure with MS channel / angle / joist / ISMB / sheet etc. including welding, rivetting, cutting, nut & bolt , Painting etc. as required.	8000.00	Kg	84.00	Rupees Eighty Four Only	672000.00
37.00	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.					
38.00	M10 grade Nominal Mix 1: 3: 6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size).	15.00	Cum.	3881.00	Rupees Three Thousand	58215.00

					Eight Hundred & Eighty One Only	
39.00	Providing and fixing of HT pillar box made out of 3.2mm (10 guage) thick CRCA sheet, suitable for 1000 volts with box size 1000x1000x1500mm with atapper of 75 mm top front and back side openable dully hinged doors within locking arrangements by providing both side holds drafts and all required hardwares for box the cubical panel should be dust 7 vermin proof treated with two coats of enamel paint and primer the cubical panel should be mounted with harsware on angle iron frame of size 100x50x6mm and 750mm legs duly painted the box should be supported by an angle 50x50x6 and MS strips 50x6mm internally to support jointing kits /HT cables and there should be provision for two extra supports for angles for T oof HT cable the frame be grouted with cement concrete 1:3:6 ratio in 150x150x1000mm to achieve the height 2.5 feet above the road level and providing brick massonary along angle iron frame above ground level.	2.00	Each	12000.00	Rupees Twelve Thousand Only	24000.00
40.00	Supply and fixing of 33 KV, 630 Amp 3 pole, central pot rotating double break type isolator (IS: 9921 part I to V) without earth blade operating mechanism with GI spring loaded reverse loop type fixed contact, solid hard drawn electrolytic copper tubular moving contact with silver/nickle platedat end points, 18 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).	2.00	Each	26910.00	Rupees Twenty Six Thousand Nine Hundred & Ten Only	53820.00
41.00	P/F testing and commissining of kiosk type weather proof distribution feeder pillar box of size 600x450x900mm with taper of 75mm at Top for protection of rainwatar and made out of 3.2mm (10gaige) thick CRCA ms sheet frant & back both side openable. completly hinged dorrns with locking arrangement by providing both sides hold draft sand all HIW's for fabrications of box.The cubical pannel should be dust and varmin proof followed by two coats of Powder coated. The cubical pannel should be mounted with HIW an angle iron frame 50mmx50mmx6mm and 900mm lags with hold drafts duly primered and blake painted frame be grouted with cement can crete 1:2:4 ratio and providing brick masonary alang iron frame above grand level. The pannel should camprising of as per following. (a) P/F of 1 No Kanife switch 200 Amp. with U cantrats studs, washers etc. (b) P/F of 10 No. connecting 63 Amp. MCB group-I (c) P/F of 10 No. connecting strips of 63 Amp. 4	55.00	Each	14794.00	Rupees Fourteen Thousand Seven Hundred & Ninety Four Only	813670.00

	<p>pole.</p> <p>(d) bekalite sheet 9.0mm thiele and size 3x2feet</p> <p>(e) PVC copper wire of 10sqmm flexible connecting to bus bar to MCB</p> <p>(f) Copper bas bar deuble and D type of size 25x5 sqm. strip.</p> <p>(g) Base plate with provission of cable glands of size 185 sqm. to 25 sqm.</p> <p>(h) Provisison of cable clamps at sides of bax.</p>					
42.00	Dismantling/Removing of power line materials collecting from site and depositing the same with AEN office/ store. Refilling pits in compaction, leveling etc. GI wire, stay wire etc. shall be bounded in the shape of coils, if any material is damaged during Dismantling/ transportation replacing/repairing shall be on the part of contractor					
42.01	G.I. Wire	250.00	Mtr.	1.00	Rupees One Only	250.00
42.02	L.T. Cable above 35Sqmm	500.00	Mtr.	31.00	Rupees Thirty One Only	15500.00
42.03	L.T. cross arms	50.00	Mtr.	7.00	Rupees Seven Only	350.00
42.04	L.T. PIN insulator	100.00	Nos.	5.00	Rupees Five Only	500.00
42.05	L.T. Shackle insulator	100.00	Nos.	5.00	Rupees Five Only	500.00
42.06	PCC Pole	90.00	Nos.	155.00	Rupees One Hundred & Fifty Five Only	13950.00
42.07	ACSR Weasel/Rabiit conductor	1500.00	P/mtr.	0.70	Rupees and Paise Seventy Only	1050.00
42.08	ACSR Dog conductor	400.00	P/mtr.	1.00	Rupees One Only	400.00
42.09	11/0 4 KV transformer	10.00	Each	530.00	Rupees Five Hundred & Thirty Only	5300.00
42.10	isolator	10.00	Nos.	335.00	Rupees Three Hundred & Thirty Five Only	3350.00
42.11	Post insulator	10.00	Nos.	25.00	Rupees Twenty Five Only	250.00
42.12	Other steel items	100.00	Kgs.	1.25	Rupees One and Paise Twenty Five Only	125.00
42.13	Guarding bracket	10.00	Nos.	13.00	Rupees Thirteen Only	130.00

42.14	R.S. Joist	10.00	Nos.	500.00	Rupees Five Hundred Only	5000.00
42.15	11KV "V" cross arm	50.00	Nos.	12.30	Rupees Twelve and Paise Thirty Only	615.00
42.16	11KV disc insulators	60.00	Nos.	4.50	Rupees Four and Paise Fifty Only	270.00
42.17	11KV disc H/W	30.00	Nos.	4.75	Rupees Four and Paise Seventy Five Only	142.50
42.18	11KV pin insulators	100.00	Nos.	3.50	Rupees Three and Paise Fifty Only	350.00
42.19	Horn gape fuse set	10.00	Nos.	300.00	Rupees Three Hundred Only	3000.00
42.20	11 KV Top Hampars	20.00	Nos.	10.00	Rupees Ten Only	200.00
42.21	LT Pillar Box	20.00	Nos.	800.00	Rupees Eight Hundred Only	16000.00
42.22	Stay Set	20.00	Nos.	93.00	Rupees Ninety Three Only	1860.00
42.23	Lattice Tower	10.00	Nos.	987.00	Rupees Nine Hundred & Eighty Seven Only	9870.00
Total Estimated Cost in Figures						29619706.50
Quoted Amount					29619706.50	29619707.00
Quoted Rate in Words		Rupees Two Crore Ninety Six Lakh Nineteen Thousand Seven Hundred & Seven Only				