

# जयपुर विकास प्राधिकरण, जयपुर

रूम नं. कमरा नम्बर 135, मुख्य भवन,  
इन्दिरा सर्किल, जे.एल.एन. मार्ग, जयपुर-302004

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क्रमांक: जविप्रा/अधि.अभि. (विद्युत-चतुर्थ)/जॉब नं. 189/2025-26/डी-768 दिनांक: 17.07.2025

## बिड आमंत्रण सूचना

बिड संख्या-04/2025-26

जयपुर विकास प्राधिकरण द्वारा “**Annual Rate Contract (ARC) for Shifting/Dismantling of LT/HT lines and Electrification works in JDA Region, Jaipur**” जिसकी अनुमानित राशि रु. 344.73 लाख के लिए ऑनलाईन बिड्स दिनांक 11/08/2025 सायंकाल 6:00 बजे तक आमंत्रित की जाती हैं। निविदा बोली का ऑनलाईन आवेदन व भुगतान जयपुर विकास प्राधिकरण पोर्टल पर करने की अन्तिम तिथि 11/08/2025 को सायंकाल 6.00 बजे तक हैं। निविदा बोली के दस्तावेजों का विस्तृत विवरण [www.sppp.rajasthan.gov.in](http://www.sppp.rajasthan.gov.in), [www.eproc.rajasthan.gov.in](http://www.eproc.rajasthan.gov.in) and [www.jda.urban.rajasthan.gov.in](http://www.jda.urban.rajasthan.gov.in) पर देखा जा सकता है।

### UBN No.

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

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

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

# JAIPUR DEVELOPMENT AUTHORITY

Room No. 127, Main building,  
Ram Kishore Vyas Bhavan, Indira Circle, Jawahar Lal Nehru Marg, Jaipur – 302 004  
Telephone No. : 91+141-2569696, E-Mail : ee.electrical04.jda@rajasthan.gov.in

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No:- JDA/EE-(Elect.-IV)/Job No. 189/2025-26/D-768

Dated: 17.07.2025

## NOTICE INVITING BID

NIB No. : 04/2025-26

Online Bids are invited up-to 6.00 PM of 11/08/2025 for "**Annual Rate Contract (ARC) for Shifting/Dismantling of LT/HT lines and Electrification works in JDA Region, Jaipur**". Estimated cost of Rs. 344.73 Lacs. The last date for applying bid and making online payment on JDA portal is up to 6.00 PM dated 11/08/2025. 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](http://www.sppp.rajasthan.gov.in), [www.eproc.rajasthan.gov.in](http://www.eproc.rajasthan.gov.in) and [www.jda.urban.rajasthan.gov.in](http://www.jda.urban.rajasthan.gov.in).

### **UBN No.**

To participate in the bid, bidder must:

- A. Participate in Tender & Deposit Payment on 'Online Tender Participation' Portal of JDA at <https://jda.urban.rajasthan.gov.in/jda> or by Single-Sign-On at <http://service.jaipurjda.org>.
- B. Submit e-Bid on 'e-Procurement Portal' of GOR at [www.eproc.rajasthan.gov.in](http://www.eproc.rajasthan.gov.in)

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

**JAIPUR DEVELOPMENT AUTHORITY**

Room No. 135, Main Building, Ram Kishore Vyas Bhawan, Indira Circle, Jawahar Lal Nehru Marg, Jaipur -302004  
Telephone: +91-141-2569696 e-mail: ee.electrical04.jda@rajasthan.gov.in

No. JDA/E.E (Elect.-IV)/2024-25/D-768

Date: 17.07.2025

**NOTICE INVITING BID****NIB No. : 04/2025-26**

<b>Name &amp; Address of the Procuring Entity</b>	<ul style="list-style-type: none"> <li>➤ Name: Executive Engineer (Elect.-IV), Jaipur Development Authority</li> <li>➤ Address: Room No. 135, Main Building, Ram Kishore Vyas Bhawan, Indira Circle, Jawahar Lal Nehru Marg, Jaipur - 302 004</li> </ul>
<b>Subject Matter of Procurement</b>	<ul style="list-style-type: none"> <li>➤ <b>Annual Rate Contract (ARC) for Shifting/Dismantling of LT/HT lines and Electrification works in JDA Region, Jaipur.</b></li> <li>➤ <b>189/2025-26</b></li> </ul>
<b>Bid Procedure</b>	Potential Assessment Method (Two Part Envelop), open comparative. e-Bid procedure at <a href="http://eproc.rajasthan.gov.in">http://eproc.rajasthan.gov.in</a>
<b>Bid Evaluation Criteria (Selection Method)</b>	➤ Potential Assessment Method (eg.Least Cost Based Selection (LCBS)-L1)
<b>Websites for downloading Bidding Document, Corrigendum's, Addendums, etc.</b>	➤ Websites: <a href="http://www.sppp.rajasthan.gov.in">www.sppp.rajasthan.gov.in</a> , <a href="http://www.eproc.rajasthan.gov.in">www.eproc.rajasthan.gov.in</a> , <a href="http://www.jda.urban.rajasthan.gov.in">www.jda.urban.rajasthan.gov.in</a>
<b>Estimated Procurement Cost</b>	➤ <b>INR Rs. 344.73 Lacs (Rs. Three Crore Forty-Four Lacs Seventy-Three Thousand only)</b>
<b>Website for online Bid application and payment *</b>	<ul style="list-style-type: none"> <li>➤ Website: <a href="http://www.jaipurjda.org">www.jaipurjda.org</a></li> <li>➤ For participating in the Bid, the Bidder has to apply for this Bid and pay the Bidding Document Fee, RISL Processing Fee &amp; Bid Security Deposit online only. <ul style="list-style-type: none"> <li>○ Bidding document fee: Rs. 2000/- (Rupees Two Thousand only)</li> <li>○ RISL Processing Fee: Rs. 2000/- (Rupees Two Thousand only)</li> <li>○ Requisite Bid Security Deposit.</li> <li>○ The Bidders are required to submit Bid security, cost of Bidding documents, and Bid processing fees through online payment after registering with JDA on <a href="http://www.jaipurjda.org/e-services/e-tender">www.jaipurjda.org/e-services/e-tender</a> portal. In the absence of the requisite fee, the bid of the concerned bidder will be considered as non-responsive and shall be liable for rejection.</li> </ul> </li> </ul>
<b>Bid Security Deposit (in favor of Secretary, JDA, Jaipur)</b>	<ul style="list-style-type: none"> <li>➤ Amount (INR: 2% (Rs 6,89,460.00/-) for E-I class contractors registered in the appropriate class with CPWD, Postal, Telegram, Railway, MES, Other State Government/Central Government undertakings/organizations of Estimated Procurement Cost. (The bidder must capable to bid in the bid as per their enlistment)</li> <li>➤ 0.5 % (Rs. 1,72,365.00/-) for Bidder registered as a contractor in the E-I class in JDA.</li> <li>➤ In case of Departments of the State Government and undertakings, Corporations, Autonomous bodies, Registered Societies, Cooperative Societies which are owned or controlled or managed by the State Government and Government undertakings of the Central Government shall submit a bid securing declaration in lieu of bid security.</li> </ul>
<b>Start/End Date for Bid Applying bid and making online payment on JDA portal*</b>	<ul style="list-style-type: none"> <li>➤ Start Date: 21/07/2025 at 9.30 AM onwards</li> <li>➤ End Date: 11/08/2025 at 06.00 PM</li> <li>➤ In case EMD in form BG original bank guarantee is to be submitted in room no MBSF Room no. 225A of Sr.AO of main building, JDA, Jaipur by 12/08/2025 from 9.30 AM to dated 14/08/2025 upto 3.30 PM. (within three working days from the last date of submission of bid).</li> </ul>
<b>Bid submission on e-procurement portal of GOR*</b>	<ul style="list-style-type: none"> <li>➤ Start Date: 21/07/2025 at 9.30 AM onwards</li> <li>➤ End Date: 11/08/2025 at 06.00 PM</li> </ul>

<b>Date/time/place of Pre-Bid</b>	➤ NA
<b>Date/ Time/ Place of Technical Bid Opening</b>	➤ 18/08/2025 at 11.00 AM, Room No. Main Building, F.F. Room no.-135, Ram Kishore Vyas Bhawan, Indira Circle, Jawahar Lal Nehru Marg, Jaipur - 302 004
<b>Date/ Time/ Place of Financial Bid Opening</b>	➤ Will be intimated later to the technically qualified bidders.
<b>Bid Validity</b>	➤ 120 days from the bid submission deadline
<b>Time Period</b>	➤ 1 Year (12-Months)
<b>Job No.</b>	➤ JDA/EE Electric IV/A & F/2025- 2026/Jul/189

**Procedure for bidding:**

**Single part bid system:**

Single part (Two-envelope) (2 docket) system would be adopted, Docket-1 being for Documents and Docket-2 being for Financial Bid.

Docket-1:- is for proof of deposition of Bid Security, cost of bidding document and bid processing fee along with copy of GST registration, signed Annexure "B" and copy of enlistment as contractor/ bidder in required category.

Docket-2:- is for financial bid.

The financial bid will be opened only for bidders whose proper Bid Security, copy of GST registration, proof for deposition of bidding document fee, RISL processing fee, copy of enlistment of contractor in the required category and signed Annexure "B" are found to be in order. Bid Security will be accepted only in the form of online deposition or in the form of Bank Guarantee.

**1. Two part bid system:**

Two part (Two-envelope) (2 docket) system would be adopted, Docket-1 being for Technical Bid and Docket-2 being for Financial Bid.

Docket-1:- There will be three separate folders- Folder-1 is for proof of deposition of Bid Security, cost of bidding document and bid processing fee along with copy of GST registration, signed Annexure "B" and copy of enlistment as contractor/ bidder in required category. Folder-II is for bid document and folder-III is for technical bid.

Docket-2:- There will two separate folders-1 is for financial bid and 2 is for bill of quantities.

The technical bid will be opened only for bidders whose proper Bid Security, copy of GST registration, proof for deposition of bidding document fee, RISL processing fee, copy of enlistment of contractor in the required category and signed Annexure "B" are found to be in order. Bid Security will be accepted only in the form of online deposition or in the form of Bank Guarantee.

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



# **JAIPUR DEVELOPMENT AUTHORITY**

**Name of Work:- Annual Rate Contract (ARC) for Shifting/Dismantling  
of LT/HT lines and Electrification works in JDA  
Region, Jaipur.**

## **TECHNICAL BID**

**Executive Engineer (Elect.-IV)  
JAIPUR DEVELOPMENT AUTHORITY, JAIPUR**

# JAIPUR DEVELOPMENT AUTHORITY JAIPUR

## TECHNICAL BID (Potential Assessment)

Envelop-1

FOR

**Name of Work: - Annual Rate Contract (ARC) for Shifting/Dismantling of LT/HT lines and Electrification works in JDA Region, Jaipur.**

Period of Sale: - From 21/07/2025 9.30 AM to 11/08/2025, 6.00 PM  
Date of Submission of the tender: - Upto 11.08.2025, 6.00 PM  
Date of opening of Technical bid: - On 18/08/2025 at 11.00 AM at Room No. 135, Main Building, Ram Kishore Vyas Bhawan, Indira Circle, Jawahar Lal Nehru Marg, Jaipur- 302004 (Rajasthan)  
Cost of tender: - Rs. 344.73 Lacs  
Completion period: - 1 Year (12-Months)

NAME OF AGENCY -----

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

# JAIPUR DEVELOPMENT AUTHORITY JAIPUR

## SPECIAL CONDITION OF THE CONTRACT FOR QUALIFICATION OF CONTRACTORS

### Name Of Work:- **Annual Rate Contract (ARC) for Shifting/Dismantling of LT/HT lines and Electrification works in JDA Region, Jaipur.**

Special conditions of contract of POTENTIAL ASSESSMENT 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 POTENTIAL ASSESSMENT would be as follow:

- (a) Two-envelope (docket) system would be adopted, for POTENTIAL ASSESSMENT, Docket-1 being for Technical Bid and Docket-2 being for Financial Bid.  
Docket-1:- There will be three separate folders- **Folder-1** is for proof of deposition of Bid Security, cost of bidding document and bid processing fee along with copy of GST registration, Annexure "B" (RTPP Act/Rules) is mandatory to be fulfilled & signed with seal and copy of enlistment as contractor/ bidder in required category. **Folder-II** is for bid document and **folder-III** is for technical bid.  
Docket-2:- There will two separate **folders-1** is for financial bid and **folders-2** is for bill of quantities.
- (b) The technical bid will be opened only of whose bidders those proper Bid Security, copy of GST registration, proof for deposition of bidding document fee, RISL processing fee, copy of enlistment of contractor in required category and signed Annexure "B" (RTPP Act/Rules) is mandatory to be fulfilled & signed with seal are found to be in order. The bid Security will be accepted only in from of online deposition or in form of Bank Guarantee.
- (c) The Technical Bid envelope would be opened on the date 18/08/2025 **at 11.00 AM** in the chamber of Executive Engineer Room No. 135, Main Building, Ram Kishore Vyas Bhawan, Indira Circle, Jawahar Lal Nehru Marg, Jaipur- 302004 (Rajasthan)
- (d) The Financial Bid envelope would be opened only of those bidders who fulfill all the POTENTIAL ASSESSMENT CRITERIA.

#### 1. Criteria:

Criteria for Potential Assessment would be as follows:-

- (a) The bidder should have executed following quantities of work in any one financial year of the last seven financial years. However the bidder may opt current year in the said financial assessment period.

S. No.	Item	Quantity
<b>Major Item of Schedule - G</b>		
1	HT Cables	1619 Mtr
2	LT Cables	2765 Mtr
3	ACSR Conductor	6000 Mtr.
4	PCC Pole	78 Nos.

**Note:-**

- (i) **The Bidder should enclose the certificate having quantities financial year wise otherwise the certificate will not be considered.**
  - (ii) **Quantities of all the items mentioned in criteria 2 (a) should be executed in one financial year.**
  - (iii) **Certificate issued by Govt. of India, State Govt., Union Territory, Govt. Undertakings, Autonomous Bodies shall only be considered.**
- (b) The bidder should have completed at least one similar nature work in last seven financial year (including current year, if opted by the bidder) of value not less than 33.33% of the Estimated Cost of the work (bid cost) updated to present price level)- Attached work order, G-Schedule/BOQ and work completion certificate.

**Note:-**

- (i) **The starting & completion date of the work should be in between above said financial years. In case if work has started before the above seven years criteria then 70% of the particular work should be completed during the seven years period. The bidder should have to enclose the proper bifurcated certificate accordingly otherwise the certificate will not be considered.**
  - (ii) **In case; if single work selected by the bidder, is of mix in nature having different components; then a proper bifurcated completion certificate showing the required similar nature component, should be enclosed.**
- (c) The bidder should have achieved an annual financial turnover of at least 33.33% of the Estimated Cost of the work (bid cost) in any one of last seven financial years (including current year, if opted by the bidder)

**Note:-**

- (i) **The bidder should enclose certificate of Turn over from Chartered Accountant for last seven financial year & audited balance sheet of the year which is considered by the bidder in criteria 2 (c).**
  - (ii) **If current year or last year has been opted by bidder whose balance sheet is not submitted till the submission of bid then certificate from Chartered Accountant should be enclosed.**
- (d) The bidder should give Affidavit to deploy the machinery and equipment as specified in Schedule - III, for the execution of this work.
- (e) **Bid Capacity:** Bidders who meet the minimum qualification criteria will be qualified only if available bid capacity is equal to or more than the total Bid value.

The available bid capacity will be calculated as under:

$$\text{Bid Capacity} = (A \times N \times 3 - B)$$

Where A = Maximum value of Electrical Engineering work executed in any one year during the last 7 financial years (updated to present Price level) taking in to account the completed as well as works in progress. However, the bidder may opt current year in the seven year assessment period

N = Number of year prescribed for completion of the work for which bids is invited. In present case; value of N shall be.

B = Value, at present price level of existing commitments and ongoing Works to be executed during 'N' period (period prescribed for Completion of the works for which the bids are invited)

**Note:-**

**(i) Certificate from Chartered Accountant should be enclosed by bidder clearly indicated maximum value of Electrical Engineering Work in one Financial Year.**

(f) Litigation History: - Bidder should provide an accurate information on any litigation or arbitration resulting from contracts completed or under execution by him over the last seven years. The maximum value (updated at the present price level) of disputed amount claimed in the litigation / arbitration resulting from contracts executed in last seven years shall be deducted from the calculated Bid Capacity of the bidder. The details shall be furnished in Schedule VI.

**Note :-**

**(i) The present price level for turnover, cost of completed work & disputed amount under 2(f), the previous years value shall be given weightage of 10% per years at follows :-**

<u>Financial year</u>	<u>Factor</u>
(a) For current year	1.00
(b) For First last financial year	1.00
(c) For Second last financial year	1.10
(d) For Third last financial year	1.21
(e) For Fourth last financial year	1.33
(f) For Fifth last financial year	1.46
(g) For Sixth last financial year	1.60
(h) For Seventh last financial year	1.76

2. The bidder should furnish the following documents along with the technical bid:

- (a) Information regarding financial resources and capability in Schedule-I.
- (b) Information regarding works executed in the last seven years in Schedule-II
- (c) Certificates from the concerned Engineer-In-Charge in support and verification of the information furnished in Schedule-II

- (d) Affidavit regarding machinery and equipment required for deployment, as detailed in scheduled-III.
- (e) Information regarding details of maximum value of electrical engineering works executed in any one year during the last Seven years taking into account the completed as well as works in progress in schedule-IV.
- (f) Information regarding existing commitments and ongoing works to be completed in schedule-V. **If it is found at any stage that the bidder hides his existing commitments than proper action will be taken as per RTPP act and Rules.**
- (g) Information regarding details of litigation or arbitration contracts to be furnished in schedule-VI.
- (h) Calculation of Bid capacity in schedule-VII.
- (i) Details regarding evaluation criteria in schedule-VIII
- (j) Self-declaration as per **Annexure I**.

**Note:- These schedule are mandatory to be filled by the bidders, failing which the information be treated as Nil.**

#### **4. Important:**

- (a) The bidder must ensure that all the information required in the Documents is furnished by him complete in all respects. He would not be allowed to withdraw any document, or to rectify any information furnished therein, after submitting the bid.
- (b) The bidder should give an affidavit that the information furnished in schedule I to VII is correct. If any information is found incorrect, the offer of the bidder shall be rejected and action be taken as per rules.
- (c) All enclosures of bid document required to be with page no..

#### **5. Rejection of bids**

The department reserves the right to reject any bid or to disqualify any or all the bidders, without assigning any reasons at any stage.

- (I) If bid is not accompanied with the requisite documents mentioned in clauses 3(a) to 3(j) or is not in accordance with procedure specified in para 1, or is not accompanied with bid security, copy of GST registration, proof for deposition of bidding document fee, RISL processing fee, Annexure "B" (RTPP Act/Rules) is mandatory to be fulfilled & signed with seal by the bidder and registration of contractor in required category; it would be liable for rejection.
- (II) Furnish of incorrect or concealment of any information required in the bid documents would render the bid liable for rejection.

- (III) The bidder shall prepare bid in the digital/ electronic mode for uploading on e-procurement portal in the format/type of file specified in the evaluation qualification criteria. All the documents uploaded should be digitally signed with DSC of authorized signatory, deemed as all the pages of the uploaded documents have been signed.
- (IV) The **self-declaration** and Annexure "B" (RTPP Act/Rules 2012 & 2013), should be signed by the participating bidder before uploading bid documents; otherwise the bid shall be rejected as per office order No. 194 dated 06.09.2022.

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

**SCHEDULE-I**  
**FINANCIAL RESOURCES AND CAPABILITY**  
**(Reference clause 3(a))**

1. Name of Bidder:-
2. Total financial turnover achieved by the bidder in the last Seven financial years;

<b>S.No.</b>	<b>Year</b>	<b>Turnover</b>
<b>(i)</b>		
(ii)		
(iii)		
(iv)		
(v)		
(vi)		
(vii)		

Note: Balance Sheets and Profit & Loss Accounts is to be enclosed by the bidder which is considered by him as per criteria 2(a).

3. Total financial Turnover projected in the current financial year.
4. Has the bidder ever been debarred from tendering for Central Government/State Government/any Government undertaking?  
Yes/No, If yes give details.
5. Has bidder ever been declared insolvent?  
Yes/No, If yes give details.
6. Name(s) and Address of Branch/(s) for bidder's Bankers.

I/We hereby certify that the above information is correct to the best of my/our knowledge and belief.

Date:

**Signature & Seal  
of the Bidders**

## SCHEDULE-II

(Reference clause 3(b))

### DETAILS OF QUANTITIES OF WORKS EXECUTED DURING LAST SEVEN FINANCIAL YEARS

S. No.	Name of Works (with agreement No. & Date)	Client	Place (district/state)	Financial Year	Principal Items of work	
					As per 2(a)	As per 2(a)

Note:-1. Certificates from concerned Engineers-in-charge should be enclosed in support and verification of the above statement.

2. The details of quantities of each work should be bifurcated Financial Year wise if completion period falls in more than one Financial Year.

Date:

**Signature & Seal  
of the Bidders**

**SCHEDULE-III**  
**(Reference clause 3(d))**

**Self-Declaration**

I/We.....Proprietor/Partner/ Authorized signatory of M/s.....under take the oath that I/We will deploy the machinery and equipment listed below as and when required in the execution of this work.

S. No.	Name of Machinery	Minimum Requirement	Availability	
			Owned	Leased
1.	Digital Insulation tester 5KV, with timer	1 No.		
2.	HV Test set	1 No.		
3.	Hydraulic Crimping tool up to 300 Sqmm	1 No.		
4.	Multi-meter	1 No.		

I/We hereby certify that the above information is correct to the best of my/our knowledge and belief.

**Signature & Seal  
of the Bidders**

**Note:- This self-declaration is mandatory to be signed by the bidder failing which the bid shall summarily be rejected without asking any clarification.**

**SCHEDULE-IV**

**(Reference clause 3(e))**

**Details of maximum value of electrical works executed in any one year during last seven years.**

<b>FINANCIAL YEAR IN LAST SEVEN YEARS</b>	<b>COST OF WORK EXECUTED IN FINANCIAL YEAR</b>

**Signature & Seal  
of the Bidders**

**SCHEDULE-V**  
**(Reference clause 3(f))**

**Details of Existing Commitments & on Going Works to be completed**

<b>S. No.</b>	<b>Name of Works (with agreement No. &amp; Date)</b>	<b>Client</b>	<b>Cost of work as per Work Order</b>	<b>Stipulated date of commencement</b>	<b>Stipulated date of completion</b>	<b>Value of balance work on date of tender</b>	<b>Likely date of completion of balance work</b>

**Signature & Seal  
of the Bidders**

**SCHEDULE-VI**

**(Reference clause 3(g))**

**DETAILS OF LITIGATION OR ARBITRATION CONTRACTS**

<b>S. No.</b>	<b>Name of Works (with agreement No. &amp; Date)</b>	<b>Client</b>	<b>Work Order</b>	<b>Disputed Amount claimed in Litigation/ Arbitration</b>	<b>Date of Raising Disputed Amount</b>	<b>Actual Award Amount, if the case is Decided</b>	<b>Cause of Litigation &amp; matter in Dispute</b>

**Signature & Seal  
of the Bidders**

**SCHEDULE-VII**  
**(Reference clause 3(h))**  
**BID CAPACITY**

1.	A= Maximum value of Electrical Engineering works Executed in any one year during the last Seven Years (Updated to present price level)	.....Lacs	Certified details enclosed at Page No.....
2.	N= Number of years prescribed for completion of the work for which bids are invited	.....	
3.	B= Value, at present price level of existing Commitments and ongoing works to be completed during the next N Period.	.....Lacs	Certified details enclosed at Page No.....

Bid Capacity=  $A \times N \times 3 - B$   
= .....Lacs

**Signature & Seal  
of the Bidders**

**Schedule- VIII  
(Reference clause 3(J))**

**Details Regarding Evaluation Criteria**

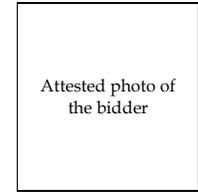
Name of work :-

S. No.	Item	Minimum Requirement (As per Bid)	Remark			
				Year	Qty.	Page No.
1	Copy of GST Reg. Certificate					
2	Copy of Registration certificate					
3	1. Proof of Bid Security deposition 2. Proof of bidding document cost deposition 3. Proof of RISL fees deposition.					
4	The bidder should have executed following quantities of work in any one financial year of the last seven financial years. However the bidder may opt current year in the said financial assessment period. (Schedule-II).					
	a.					
	b.					
	c.					
5	The bidder should have completed at least one similar nature work in last seven financial year (including current year, if opted by the bidder) of value not less than .....% of the estimated cost of the work (Bid cost) updated to present price level.					
6	The bidder should have achieved an annual financial turnover of at least Rs. ....% Lacs of the work (Bid cost) in any one of last seven financial year (including current year)					
7	The bidder should give declaration to deploy the machinery and equipment as specified in schedule-III, for the execution of this work. Duly Self-attested.					
8	Bid Capacity (A×N×3-B) Here A is Maximum value of electrical engineering work executed in any one of last 7 financial years. N is number of Years Prescribed for completion of the work. B is value at present price level of existing commitments and ongoing.					
9	Declaration in support of information finished by bidder in Annexure-I					
10	Schedule-VI (Details of Litigation).					
11	Signed Annexure "B"(RTPP Act/Rules)					

Note:- This sheet must be prepared and submitted by the bidders.

**Signature & Seal  
of the Bidders**

**SELF-DECLARATION**



I/We.....Proprietor/Partner/Authorized signatory  
of M/s.....under take the oath that the information  
furnished by me/us in schedule I to VIII of the assessment Bid  
for.....  
.....is correct to the best of my/our knowledge. If any information is found to be incorrect  
JDA has right to reject the Bid and to take action against me/us as per rules.

.....  
Proprietor/Partner/Authorized signatory  
M/s.....  
.....

**Note:- This self-declaration is mandatory to be signed by the bidder failing which the bid shall summarily be rejected without asking any clarification.**



## **JAIPUR DEVELOPMENT AUTHORITY**

**Name of Work:- Annual Rate Contract (ARC) for Shifting/Dismantling of LT/HT lines and Electrification works in JDA Region, Jaipur.**

### **Financial Bid**

**Executive Engineer (Elect.-IV)**

**JAIPUR DEVELOPMENT AUTHORITY, JAIPUR**

## JAIPUR DEVELOPMENT AUTHORITY, JAIPUR

**Name of Work:- Annual Rate Contract (ARC) for Shifting/Dismantling of  
LT/HT lines and Electrification works in JDA Region,  
Jaipur.**

### CONTENTS OF BIDDING DOCUMENT

<b>S. No.</b>	<b>Details</b>	<b>Page No.</b>
1.	Schedule And Specifications	
2.	Special Condition for Post Assessment	
3.	Special condition of contract	
4.	Special Terms & Conditions for Electrification work	
5.	Inspection and testing	
6.	Minimum Safety rules	
7.	Erection testing and commissioning	
8.	Annexure-A	
9.	Annexure-B	
10.	Annexure-C	
11.	Annexure-D	
12.	Memorandum of Appeal	
13.	Special conditions of contract regarding DLP (Annexure-1)	

## SCHEDULE AND SPECIFICATIONS

### **SCHEDULE - A: INFORMATION USEFUL FOR THE CONTRACTORS:**

The bidder should see the site and fully understand the conditions of the site before bidding and include all leads, lift etc for the material in his item rate/percentage to be quoted on the rates given in Schedule 'G'. The work shall be carried out in accordance with the Rajasthan PWD detailed specification 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 the 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 at his own cost drawings required for the work after deposition necessary cost with JDA.

### **SCHEDULE - D: TEST OF THE MATERIALS:**

The test of the materials and workmanship shall be conducted by the JDA staff as necessary. The result of such tests should confirm to the standards laid down in the Indian standard & or the standards laid down in the detailed specifications of the work by the contractor. Qualified personnel required as per the contractor enlistment rules shall have to be engaged at site by the Contractor. The authority 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 sample of the materials 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 10 days of the issue of the work order and complete within time limits.

### **SCHEDULE - G: ATTACHED SEPARATELY BASED ON APPLICABLE BSRs IN JDA.**

### **SCHEDULE - H: SPECIAL CONDITION: Attached Separately.**

### **SCHEDULE - I: COST OF TENDER DOCUMENTS, PROCESSING FEES & BID SECURITY.**

The Bid Processing fee is payable in favor of M.D. RISL & Cost of bid document & Bid Security is payable in Favour of the Secretary, JDA, Jaipur. Bidders have to pay bid processing fees, cost of bidding documents, and Bid Security through Online. **If a bidder opts to deposit the bid security through bank guarantee, the bank guarantee should be valid for the next seven months after the bid opening date. A copy of the such bank guarantee will be required to be attached with the bid submission documents uploaded on the E-procurement portal of GOR. The bank guarantee will be physically handed over upto prescribed time to Nodal officer of the on-line tendering system of JDA i.e. D.D(E&B) in room No. 215N Extension building, JDA, JLN marg, Jaipur, as per specified in bidding documents,**

Annexure-1. Special Conditions of Contract regarding defect liability period.

Annexure-2A. Bank guarantee will be in specified Performa enclosed with this bidding document for Bid Security.

Annexure-2B. Bank guarantee will be in specified Performa enclosed with this bidding document for Performance Security.

Annexure-A. Compliance with the code of integrity and no conflict of interest (RTPP Act/Rules).

Annexure-B. Declaration by the bidder regarding qualifications (RTPP Act/Rules).

Annexure-C. Grievance Redressal during the procurement process (RTPP Act/Rules).

Annexure-D. Additional Conditions of Contract (RTPP Act/Rules).

Annexure-E. Process for Tender Participation & Depositing Payment on 'Online Tender Participation' Portal of JDA & Bid Submission on 'e-Procurement Portal' of Government of Rajasthan.

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



# जयपुर विकास प्राधिकरण, जयपुर

www.jda.urban.rajasthan.gov.in

क्रमांक जविप्रा/निदे. (वित्त)/2022/डी-37

दिनांक 22-09-2022

## कार्यालय आदेश

विषय:- जविप्रा में निविदाओं में BSR दरों से कम दर डालने पर अन्तर राशि जमा कराने बाबत।

जयपुर विकास प्राधिकरण में आमंत्रित निविदाओं में अतिरिक्त परफोरमेन्स गारन्टी/सिक्योरिटी डिपॉजिट के संबंध में जविप्रा के आदेश क्रमांक जविप्रा/अधि. अभि./त.स. नि.अभि.-1 /2021/डी-65 दिनांक 22.07.2021 तथा नगरीय विकास विभाग के आदेश प01 (24) नविदि/01/2020 लूज दिनांक 20.09.2021 को Withdraw करते हुए वित्त (GF&AR) विभाग की अधिसूचना नम्बर F2(1)FD/G&T(SPFC)/2017 दिनांक 22.10.2021 से RTPP Rule 75 "अ" के अनुसार लेने के प्रावधान को लागू किया जाता है।

निदेशक (वित्त)  
जविप्रा, जयपुर

प्रतिलिपि निम्न को सूचनार्थ एवं आवश्यक कार्यवाही हेतु

1. निजी सचिव, प्रमुख शासन सचिव, नगरीय विकास विभाग, राजस्थान सरकार, जयपुर।
2. निजी सचिव, आयुक्त, जविप्रा, जयपुर।
3. सचिव, जविप्रा, जयपुर।
4. वन संरक्षक, जविप्रा, जयपुर।
5. निदेशक (अभियांत्रिकी- I, II, III, IV), जविप्रा, जयपुर।
6. निदेशक (वित्त, विधि, नगर आयोजना), जविप्रा, जयपुर।
7. मुख्य नियन्त्रक (प्रवर्तन), जविप्रा, जयपुर।
8. अतिरिक्त मुख्य अभियंता (अभियांत्रिकी प्रकोष्ठ- III, IV), जविप्रा, जयपुर।
9. अतिरिक्त निदेशक (राजस्व एवं सम्पत्ति निस्तारण), जविप्रा, जयपुर।
10. समस्त अति. मुख्य अभियन्तागण/अधीक्षण अभियन्तागण, अधि. अभियन्तागण जविप्रा जयपुर।
11. समस्त व. लेखाधिकारी/लेखाधिकारी, जविप्रा, जयपुर।

निदेशक (वित्त)  
जविप्रा, जयपुर

# 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)

# Jaipur Development Authority

## Bid Participation Receipt

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

### Bid Detail

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

### Bidder Detail

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

### Dates Detail

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

### Specific Instrument Detail for eProc Rajasthan

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

**Issuer Detail :** Jaipur Development Authority      **ChallanNumber:** 641515600014

## जयपुर विकास प्राधिकरण, जयपुर

क्रमांक-जविप्रा/तसनिअ-1/2024-25/डी- 114

दिनांक 02/09/2024

### कार्यालय आदेश

जयपुर विकास प्राधिकरण की 243 वीं बैठक एजेण्डा नं. 243.22 दिनांक 16.08.2024 में लिये निर्णय के क्रम में जयपुर विकास प्राधिकरण में ठेकेदारों के विभिन्न प्रवर्ग एवं श्रेणियों पंजीकृत हेतु निम्नानुसार आदेश प्रस्तारित किये जाते हैं:-

1. जयपुर विकास प्राधिकरण में कार्य की प्रकृति को देखते हुए ठेकेदारों प्रवर्ग निम्नप्रकार होंगे :-

S. No	Categories of Contractors
1	Civil Contractors
2	Electrical Works Contractors
3	Horticulture
4	Consultancy

2. आवेदन शुल्क:- 500 रु. (Non- Refundable)

3. वर्तमान संवर्गों के विभिन्न श्रेणियों की वित्तीय सीमाओं (निविदा करने के योग्य निहित सीमा) पंजीयन शुल्क (Registration fees) प्रतिभूति निक्षेप (Security Deposit) कार्यानुभव व संगठनात्मक ढांचे में निम्न प्रकार संशोधन किया गया है :-

#### (I) सिविल ठेकेदार:-

- (अ) जयपुर विकास प्राधिकरण में सिविल ठेकेदारों की प्रत्येक श्रेणी के सामने निहित सीमा तक निम्न प्रकार निविदा करने के योग्य होंगे-

S. No	Classes of Contractors	Extent upto Which Qualified to tender for any works
1	"AA" Class	Any amount
2	"A" Class	Upto Rs 10.00 crores.
3	"B" Class	Upto Rs 5.00 crores.
4	"C" Class	Upto Rs 1.50 crores.
5	"D" Class	Upto Rs 30.00 Lacs.

- (ब) जयपुर विकास प्राधिकरण में सिविल ठेकेदारों की प्रत्येक श्रेणी के सामने रजिस्ट्रीकरण (सूचीबद्धकरण) फीस और सूचीबद्धकरण के लिए प्रतिभूति निक्षेप राशि में निम्न प्रकार होगी-

## Signature valid

Digitally signed by Vivek Sharma  
Designation: Superintending  
Engineer  
Date: 2024.09.02 17:48:15 IST  
Reason: Approved



S. No	Classes of Contractors	Registration Fee (In Rs.) (Non-Refundable)	Security Deposit (In Rs.)
1	"AA" Class	45,000.00	12.00 Lacs
2	"A" Class	33,750.00	6.00 Lacs
3	"B" Class	22,500.00	3.00 Lacs
4	"C" Class	9,000.00	1.50 Lacs
5	"D" Class	4,500.00	0.75 Lacs

(स) जयपुर विकास प्राधिकरण में सिविल ठेकेदारों की प्रत्येक श्रेणी के सामने सूचीबद्धकरण के लिए पिछले अनुभव में निम्न प्रकार होगा—

S. No	Classes of Contractors	Past Experience for Enlistment
1	"AA" Class	Satisfactorily Completed minimum 2 works each costing not less than Rs. 1.50 Crore and 1 works costing not less than Rs. 2.00 Crore during the last five years.
2	"A" Class	Satisfactorily Completed 2 works each costing not less than Rs. 1.00 crore during five years. Or 3 works not less then 50.00 lacs during the last five years.
3	"B" Class	Satisfactorily Completed 2 works each costing not less than Rs. 50.00 lacs during three years. Or 3 work not less then 25.00 lacs during the last three years.
4	"C" Class	Satisfactorily Completed 2 works each costing not less than Rs. 10.00 lacs during three years. Or 3 works not less then 5.00 lacs during the last three years.
5	"D" Class	No past experience required to new temporary registration.

(द) जयपुर विकास प्राधिकरण में सिविल ठेकेदारों की प्रत्येक श्रेणी के सामने सूचीबद्धकरण प्राधिकारी निम्न प्रकार होंगे।

S. No	Classes of Contractors	Enlistment Authority
1	"AA" Class	Jaipur Development Commissioner
2	"A" Class	Director (Engineering)
3	"B" Class	Director (Engineering)
4	"C" Class	T. A. to Director (Engineering)
5	"D" Class	T. A. to Director (Engineering)

(य) जयपुर विकास प्राधिकरण में श्रेणी AA, A, और B में सूचीबद्धकरण चाहने वाले ठेकेदार को एक स्थायी अभियांत्रिकी संगठन रखना चाहिए जो सभी प्रकर्मों पर बड़े निर्माण कार्यों को निपटाने में समर्थ हो। उनको पर्याप्त मशीनरी और औजार आदि अपने अधीन रखने चाहिए जिनके लिए उन्हें ब्यौरे प्रस्तुत करने चाहिए। उन्हें अपने आवेदन के साथ उपस्करों के समित्व को सबूत सहित अपने अभियांत्रिकी संगठन, ऐसे स्टाफ की योग्यताएं और अनुभव के पूरे और भी प्रस्तुत करने चाहिए।  
मुख्यतः मशीनरी एवं उपकरण निम्नप्रकार होगी—

Signature Valid

Digitally signed by Vivek Sharma  
Designation: Superintending  
Engineer  
Date: 2024.09.02 17:48:15 IST  
Reason: Approved

-AA, A, B, C, D श्रेणी में निम्न प्रकार संगठनात्मक ढांचा होगा ।

Classes of Category	Engineer	Machinery	Owened/ lease	Staff	
"AA" Class	Degree holder 5 Years Experience	<ul style="list-style-type: none"> <li>• बिल्डिंग</li> <li>• डामर रोड</li> <li>• सी.सी. रोड</li> <li>• पुल</li> <li>• पीएचईडी</li> </ul>	मिक्सर, वाइब्रेटर आर.एम.सी. कन्क्रीट प्लान्ट हॉट मिक्स प्लान्ट, Static/Tandom/vibrator Roller, Paver machine, sensor, Dumper, Boiler/sprayer, tractor Trolley, Screed vibrator, Vcaum vibrator, vibrator Plates/Niddle, Joint cutter, Water Tanker RMC Plant, Dumpers, Vibrator, Shuttering, JCB's JCB, Hidra, Mixer	Owened/ lease	Sufficient
"A" Class	Degree holder 3 Years Experience	<ul style="list-style-type: none"> <li>• बिल्डिंग</li> <li>• डामर रोड</li> <li>• सी.सी. रोड</li> <li>• पुल</li> <li>• पीएचईडी</li> </ul>	मिक्सर, वाइब्रेटर आर.एम.सी. कन्क्रीट प्लान्ट हॉट मिक्स प्लान्ट, Static/Tandom/vibrator Roller, Paver machine, sensor, Dumper, Boiler/sprayer, tractor Trolley, Screed vibrator, Vcaum vibrator, vibrator Plates/Niddle, Joint cutter, Water Tanker RMC Plant, Dumpers, Vibrator, Shuttering, JCB's JCB, Hidra, Mixer	Owened/ lease	Sufficient
"B" Class	Degree holder	<ul style="list-style-type: none"> <li>• बिल्डिंग</li> <li>• डामर रोड</li> <li>• सी.सी. रोड</li> <li>• पुल</li> <li>• पीएचईडी</li> </ul>	मिक्सर, वाइब्रेटर आर.एम.सी. कन्क्रीट प्लान्ट हॉट मिक्स प्लान्ट, Static/Tandom/vibrator Roller, Paver machine, sensor, Dumper, Boiler/sprayer, tractor Trolley, Screed vibrator, Vcaum vibrator, vibrator Plates/Niddle, Joint cutter, Water Tanker RMC Plant, Dumpers, Vibrator, Shuttering, JCB's JCB, Hidra, Mixer	Owened/ lease	Sufficient
"C" Class	Diploma holder	पर्याप्त मशीनरी एवं उपकरण	Owened/ lease	Sufficient	
"D" Class	प्रथम समय पंजीयन के समय आवश्यक नहीं। 15 लाख से अधिक का कार्य सम्पादित करने पर डिप्लोमाधारी इंजीनियर रखना होगा।				

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 Designation: Superintending  
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(II) विद्युत ठेकेदार-

(अ) जयपुर विकास प्राधिकरण में विद्युत ठेकेदारों की प्रत्येक श्रेणी के सामने निहित सीमा तक निम्न प्रकार निविदा करने के योग्य होंगे-

S. No	Classes of Contractors	Extent upto Which Qualified to tender for any works
1	"E-I" Class	Any amount
2	"E-II" Class	Upto Rs 50.00 Lacs.
3	"E-III" Class	Upto Rs 20.00 Lacs.
4	"E-IV" Class	Upto Rs 7.50 Lacs.

(ब) जयपुर विकास प्राधिकरण में विद्युत ठेकेदारों की प्रत्येक श्रेणी के सामने रजिस्ट्रीकरण (सूचीबद्धकरण) फीस और सूचीबद्धकरण के लिए प्रतिभूति निक्षेप राशि में निम्न प्रकार होगी-

S. No	Classes of Contractors	Registration Fee (In Rs.)	Security Deposit (In Rs.)
1	"E-I" Class	9000.00	1.50 Lacs
2	"E-II" Class	4500.00	0.60 Lacs
3	"E-III" Class	2250.00	0.30 Lacs
4	"E-IV" Class	1125.00	0.15acs

(स) जयपुर विकास प्राधिकरण में विद्युत ठेकेदारों की प्रत्येक श्रेणी के सामने सूचीबद्धकरण के लिए पिछला अनुभव में निम्न प्रकार होगा-

S. No	Classes of Contractors	Past Experience for Enlistment
1	"E-I" Class	Satisfactorily Completed 2 works each costing not less than Rs. 1.00 crore or 3 works costing not less than Rs. 50.00 lacs during the last three years..
2	"E-II" Class	Satisfactorily Completed 2 works each costing not less than Rs. 25.00 lacs or 3 works costing not less than Rs. 10.00 lacs during the last three years.
3	"E-III" class	Satisfactorily Completed 2 works each costing not less than Rs. 10.00 lacs or 3 works costing not less than Rs. 5.00 lacs during the last three years.
4	"E-IV" class	Should have experience in the line and sufficient staff and equipment with them.

(द) जयपुर विकास प्राधिकरण में विद्युत ठेकेदारों की प्रत्येक श्रेणी के सामने सूचीबद्धकरण प्राधिकारी निम्न प्रकार होंगे।

S. No	Classes of Contractors	Enlistment Authority
1	"E-I" Class	Director (Engineering)
2	"E-II" Class	Director (Engineering)
3	"E-III" Class	T. A. to Director (Engineering)
4	"E-IV" Class	T. A. to Director (Engineering)

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(य) जयपुर विकास प्राधिकरण में विद्युत ठेकेदारों की श्रेणी E-I, E-II, E-III, E-IV में निम्न प्रकार संगठनात्मक ढांचा होगा।

1	"E-I" Class	(क) एक स्नातक अभियन्ता (विद्युत) या एक डिप्लोमा अभियन्ता (विद्युत), जिसको न्यूनतम 3 वर्ष का अनुभव हो और जो विद्युत निरीक्षक, राजस्थान द्वारा "ए" वर्ग संविदाकार के रूप में अनुमोदित हो या जिसके पास राजस्थान या भारत के परिक्षेत्र में किसी भी अन्य राज्य सरकार का पर्यवेक्षण प्रमाणपत्र हो।  (ख) उनके पास पर्याप्त उपकरण और औजार आदि (मीग्गर, हाइड्रोलिक क्रिम्पिंग टूल, लक्स मीटर, हाईड्रॉ (क्रेन) टॉग टेस्टर आदि) होने चाहिए।  नोट-जयपुर विकास प्राधिकरण में विभिन्न कार्य श्रेणियों में पंजीयन के लिए आवश्यक उपरोक्त मशीनरी एवं उपकरण Completely Owned होनी चाहिए।
2	"E-II" Class	(क) एक स्नातक अभियन्ता (विद्युत) या एक डिप्लोमा अभियन्ता (विद्युत), जिसको 2 वर्ष का अनुभव हो और जो विद्युत निरीक्षक, राजस्थान द्वारा "ए" वर्ग संविदाकार के रूप में अनुमोदित हो या जिसके पास राजस्थान या भारत के परिक्षेत्र में किसी भी अन्य राज्य सरकार का पर्यवेक्षण प्रमाणपत्र हो।  (ख) उनके पास पर्याप्त उपकरण और औजार आदि (मीग्गर, हाइड्रोलिक क्रिम्पिंग टूल, टॉग टेस्टर आदि) होने चाहिए।  नोट-जयपुर विकास प्राधिकरण में विभिन्न कार्य श्रेणियों में पंजीयन के लिए आवश्यक उपरोक्त मशीनरी एवं उपकरण Owned or sole agreement पर उपलब्ध होनी चाहिए।
3	"E-III" Class	(क) एक स्नातक अभियन्ता (विद्युत) या एक डिप्लोमा अभियन्ता (विद्युत), जिसको 2 वर्ष का अनुभव हो और जो विद्युत निरीक्षक, राजस्थान द्वारा "बी" वर्ग (न्यूनतम) संविदाकार के रूप में अनुमोदित हो।
4	"E-IV" Class	इस क्षेत्र का अनुभव और पर्याप्त स्टाफ हो और विद्युत निरीक्षक, राजस्थान द्वारा "सी" वर्ग (न्यूनतम) संविदाकार के रूप में अनुमोदित हो।

### (III) उद्यान ठेकेदार:-

(अ) जयपुर विकास प्राधिकरण में Horticulture work के ठेकेदारों की प्रत्येक श्रेणी के सामने निहित सीमा तक निम्न प्रकार निविदा करने के योग्य होंगे-

S. No	Classes of Contractors	Extent upto Which Qualified to tender for any works
1	"H-I" Class	Any amount
2	"H-II" Class	Upto Rs 1,00 crores.
3	"H-III" Class	Upto Rs 50.00 Lacs.
4	"H-IV" Class	Upto Rs 30.00 Lacs.

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- (ब) जयपुर विकास प्राधिकरण में Horticulture work के ठेकेदारों की प्रत्येक श्रेणी के सामने रजिस्ट्रीकरण (सूचीबद्धकरण) फीस और सूचीबद्धकरण के लिए प्रतिभूति निक्षेप राशि में निम्न प्रकार होगी—

S. No	Classes of Contractors	Registration Fee (In Rs.)	Security Deposit (In Rs.)
1	"H-I" Class	15,000.00	5,00,000.00
2	"H-II" Class	10,000.00	1,00,000.00
3	"H-III" Class	5,000.00	50,000.00
4	"H-IV" Class	2,000.00	25,000.00

- (स) जयपुर विकास प्राधिकरण में Horticulture work के ठेकेदारों की प्रत्येक श्रेणी के सामने सूचीबद्धकरण के लिए पिछला अनुभव निम्न प्रकार होगा—

S. No	Classes of Contractors	Past Experience for Enlistment
1	"H-I" Class	Satisfactorily Completed 2 works each costing not less than Rs. 50.00 Lac during three years.
2	"H-II" Class	Satisfactorily Completed 2 works each costing not less than Rs. 30.00 Lac during three years.
3	"H-III" class	Satisfactorily Completed 2 works each costing not less than Rs. 15.00 Lac during three years.
4	"H-IV" class	Should have experience in the line and sufficient staff and equipment with them.

- (द) जयपुर विकास प्राधिकरण में Horticulture work के ठेकेदारों की प्रत्येक श्रेणी के सामने सूचीबद्धकरण प्राधिकारी निम्न प्रकार होंगे—

S. No	Classes of Contractors	Enlistment Authority
1	"H-I" Class	Director Engineering
2	"H-II" Class	Director Engineering
3	"H-III" Class	T. A. to Director Engineering
4	"H-IV" Class	T. A. to Director Engineering

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- (य) जयपुर विकास प्राधिकरण में Horticulture work के ठेकेदारों की श्रेणी H-I, H-II, H-III, H-IV में निम्न प्रकार संगठनात्मक ढांचा होगा।

Classes of Category	Engineer	Machinery	Owened/ lease	Satff
H-I	Horticulturist Graduate/ B.Sc. Agriculture / M.Sc. Botnay, Degree/Diploma in forestry	उनके पास पर्याप्त उपस्कर और औजार आदि (टेंकर, ब्लेड, गड्डे खोदने का यंत्र लॉनर मोईंग मशीन आदि)	Completely Owned	Sufficient
H-II	Horticulturist Graduate/ B.Sc. Agriculture / M.Sc. Botnay, Degree/Diploma in forestry	उनके पास पर्याप्त उपस्कर और औजार आदि (टेंकर, ब्लेड, गड्डे खोदने का यंत्र लॉनर मोईंग मशीन आदि)	Owened /lease	Sufficient
H-III	Horticulturist Graduate/ B.Sc. Agriculture / M.Sc. Botnay, Degree/Diploma in forestry	उनके पास पर्याप्त उपस्कर और औजार आदि (टेंकर, ब्लेड, गड्डे खोदने का यंत्र लॉनर मोईंग मशीन आदि)	Owened /lease	Sufficient
H-IV	प्रथम समय पंजीयन के पर आवश्यक नहीं 15 लाख से अधिक का कार्य सम्पादित करने पर Horticulturist Graduate/ B.Sc. Agriculture/Degree/Diploma in forestry एवं 25 लाख से अधिक का कार्य सम्पादित करने पर Horticulturist Graduate/ B.Sc. Agriculture/M.Sc. Botnay, Degree/Diploma in forestry			

(IV) कन्सलटेन्सी ठेकेदार—

- (अ) जयपुर विकास प्राधिकरण में Consultancy work के ठेकेदारों की प्रत्येक श्रेणी के सामने निहित कन्सलटेन्सी लागत की सीमा तक निम्न प्रकार निविदा करने के योग्य होंगे—

S. No	Classes of Contractors	Extent upto Which Qualified to tender for any Consultancy works
1	"C-I" Class	Any amount
2	"C-II" Class	Upto Rs 25.00 Lacs.
3	"C-III" Class	Upto Rs 10.00 Lacs.

- (ब) जयपुर विकास प्राधिकरण में Consultancy work के ठेकेदारों की प्रत्येक श्रेणी के सामने रजिस्ट्रीकरण (सूचीबद्धकरण) फीस और सूचीबद्धकरण के लिए प्रतिभूति निक्षेप राशि में निम्न प्रकार होगी—

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S. No	Classes of Contractors	Registration Fee (In Rs.)	Security Deposit (In Rs.)
1	"C-I" Class	5,000.00	50,000.00
2	"C-II" Class	2,000.00	25,000.00
3	"C-III" Class	1,000.00	10,000.00

(स) जयपुर विकास प्राधिकरण में Consultancy work के ठेकेदारों की प्रत्येक श्रेणी के सामने सूचीबद्धकरण के लिए पिछला अनुभव निम्न प्रकार होगा—

S. No	Classes of Contractors	Past Experience for Enlistment
1	"C-I" Class	Successfully Completed 1 works of consultancy costing not less than Rs. 10.00 lacs during five years in Govt./Private Sector.
2	"C-II" Class	Successfully Completed 1 works of consultancy costing not less than Rs. 2.00 lacs during five years in Govt./Private Sector.
3	"C-III" Class	No past experience required to new temporary registration.

(द) जयपुर विकास प्राधिकरण में Consultancy work के ठेकेदारों की प्रत्येक श्रेणी के सामने सूचीबद्धकरण प्राधिकारी निम्न प्रकार होंगे—

S. No	Classes of Contractors	Enlistment Authority
1	"C-I" Class	Director (Engineering)
2	"C-II" Class	T. A. to Director (Engineering)
3	"C-III" Class	T. A. to Director (Engineering)

(य) जयपुर विकास प्राधिकरण में Consultancy work के ठेकेदारों की श्रेणी C-I, C-II, C-III में निम्न प्रकार Engineer के द्वारा कार्य निष्पादित करेंगे।

S. No	Classes of Contractors	Engineer
1	"C-I" Class	स्नातक अभियंता / वास्तुविद्द
2	"C-II" Class	स्नातक अभियंता / वास्तुविद्द
3	"C-III" Class	डिप्लोमाधारक अभियंता / ड्राफ्टमेन

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4. "पंजीकरण पूर्व की भांति एक वर्ष के लिए अस्थायी किया जाएगा। न्यूनतम 9 माह बाद स्थायी का आवेदन करने पर स्थायी किया जावेगा जिसके लिए फर्म द्वारा जविप्रा में पंजीकृत श्रेणी का न्यूनतम एक कार्य WIP/ पूर्ण किया होना चाहिए। पंजीकरण के 5 वर्षों में फर्म द्वारा एक भी कार्य नहीं करने पर विभिन्न प्रवर्गों व श्रेणियों में पंजीकृत ठेकेदारों को एक श्रेणी नीचे पदावनत (Demote) कर दिया जाएगा तथा विभिन्न प्रवर्गों की न्यूनतम श्रेणी में पंजीकृत फर्म का पंजीयन निरस्त कर दिया जाएगा।
5. ठेकेदारों को आवश्यक रूप से अपनी पासबुक संधारित करनी होगी मूल पास बुक गुम होने पर डुप्लीकेट पासबुक शपथ पत्र (घोषणा पत्र) के साथ 500 रु. का चालान सचिव जविप्रा के नाम प्रस्तुत करने पर ही उपलब्ध कराई जावेगी।
6. सम्बन्धित Enlisting Authority वर्तमान में पंजीकृत संवेदकों से बढी हुई सिक्यूरिटी डिपोजिट की अन्तर राशि आदेश जारी होने की दिनांक से 6 माह में जमा किया जाना सुनिश्चित करेंगे, तक वर्तमान में पंजीकृत संवेदक बढी हुई सीमा के अनुसार निविदा में भाग ले सकेंगे। यदि विद्यमान पंजीकृत संवेदक उक्त अन्तर राशि 28 फरवरी 2025 तक जमा कराने में विफल रहता है तो उसका रजिस्ट्रेशन निरस्त समझा जावेगा।
7. फर्म द्वारा प्रत्येक वर्ष के सितम्बर माह में जीएसटी शोधन प्रमाण पत्र (GST Clearance Certificate) प्रस्तुत करना होगा अन्यथा पंजीयन संवेदको की अनुमोदित सूची से पृथक किये जाने का भागी होगा।
8. उपरोक्त शर्तों के अतिरिक्त शेष नियम एवं शर्तें लोक निर्माण वित्तीय एवं लेखा नियम के अनुसार होगी।

निदेशक अभियांत्रिकी-प्रथम  
जविप्रा, जयपुर

प्रतिलिपि:-

1. निजी सचिव, जयपुर विकास आयुक्त, जयपुर।
2. निजी सचिव, सचिव जविप्रा, जयपुर।
3. निदेशक अभियांत्रिकी-प्रथम/द्वितीय जविप्रा, जयपुर।
4. निदेशक (वित्त) जविप्रा, जयपुर।
5. वनसंरक्षक जविप्रा, जयपुर।
6. समस्त अतिरिक्त मुख्य अभियंता जविप्रा, जयपुर।
7. समस्त अधीक्षण अभियंता जविप्रा, जयपुर।
8. ओ.एस.डी. (आर.एम.) जविप्रा, जयपुर।
9. अति. निदेशक (राजस्व)/मुख्य लेखाधिकारी (पीएण्डए)/उप निदेशक (व्यय एवं बजट) जविप्रा, जयपुर।
10. संयुक्त आयुक्त (सिस्टम मैनेजमेन्ट) जविप्रा, जयपुर।
11. वरिष्ठ उद्यानविज्ञ जविप्रा, जयपुर।
12. समस्त अधिशाषी अभियंता जविप्रा, जयपुर।
13. सिस्टम एनालिस्ट जविप्रा, जयपुर।
14. समस्त ठेकेदार एसोसिएशन जविप्रा, जयपुर।
15. रक्षित पत्रावली।

अधीक्षण अभियंता एवं  
सचिव, सचिव, निदेशक अभियांत्रिकी-प्रथम

Digitally signed by Vivek Sharma  
Designation: Superintending  
Engineer  
Date: 2024.09.02 17:48:15 IST  
Reason: Approved

No. CE(HQ)/UDH/DLP/2024

Jaipur, Dated:

**Office Order**

The period for Defect Liabilities for the construction works carried out by all Development Authorities/Urban Development Trusts/Housing Boards under the Urban Development Department costing more than Rs. 10.00 Lacs is determined as under:-

S.No.	Type of work	DLP Period
1.	<b>Bridge Work</b>	<b>5 Years</b>
2.	<b>CD Work</b>	<b>5 Years</b>
3.	<b>CC Road. PQC Work</b>	<b>5 Years</b>
4.	<b>CC tiles/Krebs/medians</b>	<b>5 Years</b>
5.	<b>Drains</b>	<b>3 Years</b>
6.	<b>Roads</b>	
	(i) Two-layer WBM/GSB	<b>6 months or one full rainy season whichever is later</b>
	(ii) For Renewal/Strengthening	
	(a) BT up to 30 mm thickness	<b>2 Years</b>
	(b) BT above 30 mm to up to 40 mm	
	(c) BT above 40 mm to up to 90 mm	<b>3 Years</b>
	(d) BT above 90 mm thickness	<b>5 Years</b>
	(iii) New Roads	
	(a) BT up to 90 mm	<b>3 Years</b>
	(b) BT more than 90 mm	<b>5 Years</b>
7.	<b>Compound wall</b>	<b>3 Years</b>
8.	<b>Building Work</b>	
	(i) Work pertaining to Sanitary work electrical works, Joinery works and painting work.	<b>3 Years</b>
	(ii) Work pertaining to the Building structure and other civil works	<b>5 Years</b>
9.	<b>Electric work except for maintenance</b>	<b>3 Years</b>
10.	<b>Sewer/Water supply including STP and water supply-related work except for maintenance works.</b>	<b>3 Years</b>

**Note:**

- The Defect Liability Period (DLP) for all Road works excluding patch repair work shall be as per the above table. Road works executed by the Contracting agency shall be maintained by them at their own cost.


**Signature valid**  
 Digitally signed by Vaibhav Galriya  
 Designation: Principal Secretary To  
 Government  
 Date: 2024.10.30 14:18:47 IST  
 Reason: Approved

- completion (DLP) from the actual date of completion of work as per the clause in the Contract Agreement and Special Condition of the Contract.
2. 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, BT-2/3/5 years, Drain-3 years etc.
  3. If any work, amount is less than Rs. 10 Lacs but later on due to extra/excess work, if amount of final work crosses more than Rs. 10 Lacs, DLP shall be operative as per rule for each individual item.
  4. Similarly, if any work is more than Rs. 10 Lacs but after finalization amount of work is less than Rs. 10 Lacs, DLP should be operative for six months or rainy season whichever is later.

This order is effective from the date of issue and is to be included in all on-going and upcoming tenders.

**(Vaibhav Galriya)**  
**Principal Secretary**

**Copy to following for information & compliance :**

1. PS to Hon'ble Minister, Urban Development Department & Housing, Jaipur
2. Commissioner, Jaipur/Jodhpur/Ajmer/Udaipur/Kota Development Authority.
3. Commissioner, Rajasthan Housing Board, Jaipur
4. Secretary, Urban Improvement Trust ..... (All)
5. Chief Engineer, UDH, Jaipur
6. Programmer, UDH for upload on departmental website.
7. Guard File.

**Principal Secretary**

**RajKaj Ref**  
**11332436**

**Signature valid**

Digitally signed by Vaibhav Galriya  
Designation: Principal Secretary To  
Government  
Date: 2024.10.30 14:18:47 IST  
Reason: Approved



## जयपुर विकास प्राधिकरण जयपुर

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क्रमांक : जविप्रा/अति.मु.आभ./2025

दिनांक

### कार्यालय आदेश

विभिन्न विद्युत अभियंत्रिकी, प्रौद्योगिकी, सोलर, स्मार्ट सिटी, सर्विलान्स, विद्युत सम्बन्धी नवाचार सम्बन्धी कार्यों का निष्पादन विद्युत अभियंताओं द्वारा विद्युत प्रकोष्ठ के माध्यम से किया जाता है।

**कार्यों का निष्पादन पारदर्शी एवं उच्च गुणवत्ता के साथ करने हेतु निम्नांकित प्रक्रिया अनुमोदित की जाती है इसकी अनुपालना प्रत्येक विद्युत प्रकोष्ठ अभियंता को करनी होगी**

1. विद्युत सम्बन्धी कार्यों के निष्पादन हेतु सामग्री मात्र आपूर्ति करने पर कोई भुगतान अग्रिम नहीं किया जावेगा।
2. किसी भी कार्य को प्रारम्भ करने से पूर्व जेडीए टीएन क्रमांक मेपिंग उपरांत साईट पर आपूर्ति किया जावेगा तथा निर्धारित गुणवत्ता परिक्षण टेस्ट करवाये जावेंगे परिक्षण में निर्धारित मापदण्डों की सामग्री पायी जाने पर ही जेविविनिलि सीटीएल, एनएवीएल टेस्ट उपरांत ही कार्य प्रारम्भ किया जावेगा।  
कार्य इन्चार्ज अभियंता/जेविविनिलि के सुपरविजन के अधीन किया जावेगा प्रथम बिल के साथ, जीपीएस फोटोग्राफ लोकेशन संलग्न करनी होगी।  
आपूर्ति सामग्री पर अंकित विवरण क्रमांक पत्रावली में संलग्न करना होगा।
3. स्ट्रीट लाईटों के कार्य में पोल पर पोल क्रमांक रूट अंकित करना होगा, माप 6 इंच सर्किल पीले रंग का होगा उस पर काले रंग से पोल क्रमांक रूट लिखा जावेगा प्रत्येक पोल का फाउन्डेशन काली पीली पट्टियों से दर्शित होगा।
4. विद्युतीकरण एलटी, एचटी, पोल ट्रान्सफार्मर आरएमयू कार्य जयपुर डिस्कॉम तकनिकी स्वीकृति प्राप्त करने, सीटीएल टेस्ट उपरांत किये जावेंगे तथा कार्य पूर्ण होने पर विद्युत नेटवर्क राजकाज पर सम्बन्धित अधिशाषी एवं सहायक अभियंता के हस्ताक्षरित दस्तावेज जयपुर डिस्कॉम के XEN/AEN हस्ताक्षरित मान्य होंगे।
5. प्रत्येक रनिंग बिल फाईनल बिल के साथ कार्य के प्रारम्भिक एवं अंतिम जीपीएस फोटोग्राफ संलग्न करने आवश्यक होंगे।
6. कार्य की प्राप्त प्रस्तावित ड्राइंग एवं कार्य पूर्ण होने पर साईट की ड्राइंग अंतिम बिल के साथ संलग्न करना होगा जिसे अकॉन्टेंट को चेक करना होगा।
7. कार्य के बिल की एमबी बिल नेटवर्क हस्तान्तरण सम्बन्धी दस्तावेज पर कान्ट्रेक्टर के हस्ताक्षर आवश्यक होंगे।
8. सार्वजनिक स्थल पर किये गये सार्वजनिक प्रकाश सम्बन्धी कार्य का विद्युत निरीक्षणालय का प्रमाण पत्र अंतिम बिल के साथ कान्ट्रेक्टर को स्वयं के खर्चे पर उपलब्ध कराना होगा।
9. विद्युत सम्बन्धी सामग्री जो कि जविप्रा के कार्य में प्रयुक्त होने वाली है, की उत्पादन स्थल फैक्ट्री में मेपिंग होगी, अर्थात निर्मित सामग्री पर जेडीए टीएन नं. मार्क होगा तथा पीवीसी हर 100 मीटर पर जेडीए टीएन क्रमांक मार्क होगा। साईट पर सामग्री इन्जीनियरिंग इन्चार्ज जेविविनिलि अभियंता से सामन्जस्य स्थापित कर परिक्षण हेतु नमूना सीज कर जेविविनिलि पर्यायणालय में टेस्ट करावेगा माल गुणवत्ता पूर्वक पाया जाने पर ही काम में लिया जावेगा।  
फैक्ट्री इन्सपेक्शन AEN से कम पद का अभियंता नहीं करेगा।

Signature valid

Digitally signed by Mahesh Adha  
Designation: Additional Chief  
Engineer  
Date: 2025.04.23 15:42:25 IST  
Reason: Approved





## जयपुर विकास प्राधिकरण जयपुर

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- जविविनिलि के सुपरवेजन में कराये जान वाले कार्यो यथा नवीन विद्युतीकरण अथवा नेटवर्क स्थानान्तरित इत्यादि कार्यो में कई बार जविविनिलि द्वारा नवीन विद्युत उपकरण, युक्तियां स्थापित की जाती है/हटायी जाती है जो कि नेटवर्क सुदृढीकरण से सम्बन्धित होती है इसमें ट्रांसफार्मर ब्रेकर (रिंगमेन यूनिट ब्रेकर एसएफ सिक्स ऑयल ब्रेकर, वैक्यूम ब्रेकर), सीटी, पीटी, पैनल स्थापित कर सर्किट में लिये जाते है इन विद्युत उपकरणों का जविविनिलि का केन्द्रीय जांच प्रयोगशाला में जांच होने के उपरांत ही स्थापित किये जावेंगे।  
इन उपकरणों को जविविनिलि का हस्तान्तरित करते समय कम्पनी मेक सीरियल नम्बर CTL गुणवत्ता जांच रिपोर्ट एवं हटाये गये उपकरणों के सीरियल नम्बर, कम्पनी में इत्यादि कार्य समाप्त होने पर जेडीए, जविविनिलि को हैण्डओवर टेकनओवर प्रभाव पत्र में दर्शाना होगा अन्यथा हैण्डओवर टेकनओवर मान्य नहीं होगा।
- जयपुर डिस्कॉम सम्बन्धी कार्यो का कार्यादेश बिना डिस्कॉम से तकनिकी स्वीकृति जारी कराये नहीं कराया जावेगा।
- विद्युत लाईनो सम्बन्धी कोई भी तकनिकी तखमीना बिना अतिरिक्त मुख्य अभियंता (विद्युत) के अनुमोदन के जविविनिलि को नहीं भेजा जावेगा।
- कोई भी विद्युत सम्बन्धी कार्य यदि जयपुर डिस्कॉम से कराया जाना है तो उसकी स्वीकृति निदेशक महोदय से प्राप्त की जावेगी बिना सक्षम स्वीकृति कोई विद्युत सम्बन्धी कार्य जविविनिलि से नहीं कराया जावेगा।  
उपरोक्तानुसार DFA अवलोकनार्थ, अनुमोदनार्थ प्रस्तुत है।

(महेश आढा)  
अतिरिक्त मुख्य अभियंता (विद्युत)  
जविप्रा, जयपुर

प्रतिलिपि:—सूचनार्थ एवं आवश्यक कार्यवाही बाबत

- श्रीमान निदेशक अभियांत्रिकी—।। जविप्रा जयपुर।
- अधीक्षण अभियंता (विद्युत), जविप्रा जयपुर।
- अधिशाषी अभियंता (विद्युत— I, II, III, IV) जविप्रा जयपुर।

अतिरिक्त मुख्य अभियंता (विद्युत)  
जविप्रा, जयपुर

Signature valid

Digitally signed by Mahesh Adha  
Designation: Additional Chief  
Engineer  
Date: 2025.04.23 15:42:25 IST  
Reason: Approved

## **SPECIAL CONDITION FOR POST ASSESSMENT**

**Note: - Joint Venture/Consortium will not be allowed.**

1. The financial bid shall be opened only of those successful Bidders who qualify the technical Bid criteria.

Documents to be submitted with financial bid are as follows:

Percentage Rates on G-Schedule both in figures and in words duly filled in.

The financial bid will be evaluated on the basis of basic rates of the System (SITC of the Job).

On bid scrutiny, if differences are found in rates given by the bidder in words and figures in individual rates or in sub-total or in grand totals the procedure for deriving the final value shall be as follows:

Before submission of the bids, the bidders are advised to visit the site and get acquainted with site conditions, availability of materials & labour. All clarifications must be sought by the bidders well in time and no extension of time shall be given on this account.

The bidders are advised to account for any fluctuations in market rates of material, equipment cost, labour rates etc. Any claim on these accounts shall not be entertained after the award of work unless specifically agreed to.

Bids not submitted on prescribed form are liable to be rejected.

Bidders are advised to quote original offer as per bill of quantities.

In case drawing and details are not enclosed with bid documents, these can be seen in the office of the department during office hours. Failure to avail of this shall not relieve the bidder of his responsibility of correct interpretation of work involved. Bidders who resort to canvassing in any form shall be liable to rejection.

Printed Conditions of contract: Any printed conditions and conditions contrary to these conditions of contract in contractors offer shall be excluded from the contract and not applicable to this contract.

The bid shall be valid for acceptance for a period of four months from the date of submission of the bid.

### **2. EXECUTION DRAWINGS**

The successful bidder shall have to submit execution drawing to the department within a total period of 1 week from the date of issue of work order for approval by the department

### **3. TERMS OF PAYMENTS**

As given in general Condition of contract in the approved standard agreement amended up to date.

No escalation charges shall be payable to the contractor over and above the rates as agreed to by the department in the detailed bill of quantities.

No advance shall be payable to the contractor.

The department does not bind themselves to accept the lowest or any bid and reserves the right to accept or reject any or all the bids in whole or in part without assigning any reasons for doing so.

The contractor must acquaint, acquire themselves with the site conditions, means to access the work, local conditions and all matters pertaining there to shall be the contractors, responsibility to obtain all necessary information required for quoting the above bid and for entering into a contract. The detailed drawing and specifications available with the documents must be studied and examined carefully by the bidder before submitting their offers.

The successful bidder shall sign the agreement on non judicial stamp paper of requisite value within 10 day from the issue of work order. If the contractor selected fails to sign the agreement with ten days of the issue of work order his bid security shall be forfeited.

The following documents shall form part of the contract agreement:  
Invitation to bid.

All sections of financial and technical bid, contract (agreement), Bill of Quantities & drawings.

All correspondence between the successful bidder and the department. Any other documents necessary for completion of contract agreement.

The rates quoted in the bid shall include all charges for scaffolding, water, electricity charges, hiring charges for any tools/ equipments etc. required for completion of jobs. The rates shall be inclusive of excise duty, sales tax, octroi duty or any other duties or fees levies by Government or by public or local bodies from time to time.

Necessary documents for import shall be done by the contractor under his own arrangements for equipments of foreign origin. Proof of legal imports! Purchase from manufacturer should be submitted at the time of supply, failing which the award may be terminated.

The works contract price quoted shall remain firm till completion of job and handing over the same in working condition to the department. The price should not be subject to exchange rate variations. No foreign exchange and license shall be arranged by Clint and it shall be contractor's responsibility to do so, if required.

It shall be contractor's responsibility to check and ascertain the correct quantities and only these assessed quantities in accordance with the requirement and as per the tentative schedule of work after approval of the Engineer-in-charge shall be brought at site after award of work order.

The contractor shall carry out additional/Reduce work or supply material/ equipments at the same quoted rates up to any increased or decreased quantities specified in detailed bill of quantities. The department shall also be at liberty to ask the contractor to supply, erect and commission rates within four months of stipulated date of commencement of the work order without any price variation.

**4 BAR CHART & CASH FLOW CHART**

The contractor shall prepare & submit a bar chart & cash flow chart in consultation with the department and shall strictly adhere to the same. The progress and the completion of the work shall be in accordance of the bar chart will form part of this contract agreement. The said schedule of work/ bar-chart will be subject to general conditions of contract related to the extension of time. A weekly progress of site shall be submitted in writing to the department.

**5 PERFORMANCE BOUND CONTRACT**

The contract shall be a performance bound contract and therefore the contractor shall makes his independent checks for Mounting, selection of equipment, etc. The drawings enclosed with the bid documents are only tentative and for guidance for bidding purposes. The details or execution drawings shall be prepared and submitted for approval to the department by the successful contractor to suit the requirement pertaining to site conditions.

**6 TRAINING OF PERSONNEL**

The contractor shall impart training to the departmental staff free of cost during erection and commissioning of the plant

**7 GUARNTTEE**

The contractor shall guarantee the complete system & equipments for a period of 12 months from the date of satisfactory handing over of the plant as certified by the department for fault/ bad workmanship, manufacturing defects in equipments etc. The Bidder shall guarantee the System to maintain the sound quality on the basis of Design/ Scheme. They shall also guarantee that the performance of the various equipments individually and jointly and shall not be less than the specified rating when working under operating conditions for the complete installation. The commissioning of system shall be done by the contractor and all tests at site shall be conducted to confirm the bided specification should be submitted to the department for record.

**9 REPAIR/ REPLACEMENT OF PARTS DURING GUARENTEE**

Any defects or other faults which may appear within defect liability/guarantee period of twelve months from the date of handing over the system in a satisfactory working conditions to the department arising in the system due to material or workmanship should be corrected and replace with parts of original specifications and makes by the contractor at his own cost.

10 Security deposit will be returned to the contractor after 12 month from the date of finalization of work and successful operation of the system as judged by the department.

**11 POWER SUPPLY FOR ERECTION PURPOSES**

The contractor shall make his own necessary arrangements for power supply required for erection purposes by applying to JVVNL for a separate connection at his own cost or through his own DG set.

- 12 The contractor shall have to submit original voucher/ bills of various items to be used in execution of work.
- 13 The Octagonal Poles will be dispatch after issuance of certificate from JDA Engineer that the material is fit for dispatch, even after receiving the ornamental poles at site JDA reserve the right to send the material to any Govt. / Semi Govt. / Private lab for testing and if the pole is not found as per specification, the bidder will require to replace the complete material at his own cost.
- 14 All the materials to be used for electrification work must be inspected by Engineer-in-charge or any nominated Engineer of J.D.A. at Factory/ Laboratory before dispatch to the site at the cost of contractor. The contractor shall have to inform seven days in advance for the inspection.

**Signature & Seal of  
Contractor/Bidder**

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

## SPECIAL CONDITIONS

### **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. The bidder shall follow the provisions of the builder labour regulation and abolition Act, 1970 & Rule, 1971.
03. The JDA shall have the right to cause an audit for technical examination of the work and the final bills of the bidder including all supporting vouchers, abstracts etc. to be made within two years after payment of the final bills and if as a result of such audit, any amount is found to have been overpaid / excess in respect of any work done by the bidder under the contract or any work claimed by him to have been done under this contract and found not to have been executed, the bidder shall be liable to refund such amount and it shall be lawful for the JDA to recover the 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 bidder 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 underpayment shall be paid by the JDA to the bidder.
04. Wherever any claim against the bidder 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 performance security of the bidder, In the event of the security being insufficient or if no security has been taken from the bidder then the balance of the total sum recoverable as the case may be deducted from any sum then due or which at any time their contract with the JDA should this sum be sufficient to recover the full amount recoverable. The bidder 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.
05. The rate quoted by the bidder shall remain valid for a period of 120 days from the date of opening of the bids.
06. By submission of the Bid the bidder agrees to abide by all printed conditions provided in the PWD manual from 64 (Chapter 3-para 36) and subsequent modification.
07. No conditions are to be added by the bidder and the conditional Bid is liable to be rejected.
08. If any bidder withdraws his Bid prior to the expiry of said validity period given at S. No. 5 or mutually extended prior or makes modifications in the rate, terms and conditions of the Bid within the said period which are not acceptable to the authority or fails to commence the work in the specified period, fails to execute the agreement the authority shall without prejudice to any, other right or remedy, be at liberty to forfeit the amount of bid security given in any form absolutely. If any bidder, who has 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 six months from participating of Biding in JDA in addition to forfeiture of bid security/ Performance Security and other action under agreement
09. Any material not conforming to the specifications collected at the site have to be removed by the bidder 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 bidder after the expiry of 3 days period.
10. The material collected at the site and paid provisionally shall remain under the watch and ward of the bidder till it is consumed fully on the work.

11. The rates provided in the Bidding documents are inclusive of all Taxes and royalties otherwise specified.
12. No extra lead of earth/material shall be paid over and above as specified in 'G' Schedule, Source/ borrow pit area for the earth shall have to be arranged by the Bidder at his own cost.
13. Undersigned has full right to reject any or all Bids without giving any reasons.
14. As per the 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 etc."
15. Special Conditions of the Contract regarding the Defect Liability Period (DLP) for works costing Rs. 25.00 lacs and more shall be applicable (Annexure-I).
16. The Bidder is required to submit a copy of their enlistment as a contractor.
17. Conditions of RPWA-100 will be mandatory & acceptable to the bidder.
18. The bidder will have to install display boards at the site of work as directed by Engineer in charge.
19. All the provisions of THE RAJASTHAN TRANSPARENCY IN PUBLIC PROCUREMENT ACT, 2012 and Rules, 2013 and amendments issued from time to time by the Finance Department, GOR shall be applicable. If there are any contradictions in existing special conditions and provisions of THE RAJASTHAN TRANSPARENCY IN PUBLIC PROCUREMENT ACT, 2012 and Rules 2013 provisions of THE RAJASTHAN TRANSPARENCY IN PUBLIC PROCUREMENT ACT, 2012 and Rules 2013 shall prevail.
20. In case the rate received in the bid is below than BSR rate, additional Performance security shall be deposited by the bidder as per Rule 75 (A) of RTPP Rules.
21. The Annexure "B" (RTPP Act/Rules) is mandatory to be fulfilled & signed with seal by the bidder failing which the bid shall summarily be rejected without asking for any clarification.
22. Contractors enlisted in JDA, should be get reviewed periodically. The registered bidder who has not been reviewed within a period of 5 years 3 months, shall not be allowed to participate in the bid. Contractors enlisted in other departments shall be as per the provision of PWF&AR

**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 and take the certificate from the Electrical Inspector, Govt. of Rajasthan/Chartered Electrical Safety Engineer. He will have to deposit the necessary fees, which shall be reimbursed by Jaipur Development Authority after successful Charging of the system.
3. The Contractor has to arrange the testing of cables, RMU, Poles, Wires, testing of LED Lights i.e. LM 79/80, Street light Poles and any other tests desired by Engineer-in-charge. He will have to deposit the necessary fees, which shall be reimbursed by Jaipur Development Authority after successful testing of the material.
4. The contractor has to arrange the test i.e. UL test for LED lights, CTL test for cables/wire, Pole testing and other test are required by engineer in-charge and sampling of material. He will have to deposit the necessary fees, which shall be reimbursed by JDA.
5. 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.
6. The final bill shall be paid after the lines and substations are handed over to RSEB/JVVNL/PWD/JNN and system is charged.
7. Inspection shall be bear by the contractor itself.
8. The material shall be purchased from the firms, which are also supplying the material to RSEB/JVVNL.
9. All HT/LT cables should be sequentially marked with cable size & length duly embossed.
10. 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.
11. **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.**
12. 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

### **INSPECTION AND TESTING AT MANUFACTURER'S PREMISES**

1. The test of the material and workmanship shall be conducted by the JDA/JVVNL Engineers 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 JVVNL/ .Public Works.
2. Proper quality control is required to be maintained by the contractor. Qualified personnel's having a degree in engineering or 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.
3. The GTP of the material to be used be used by the contractor shall be submitted 21 days in advance with the Engineer In charge and be got approved by him before use.
4. All inspection and testing shall be carried out in accordance with the Specification and in absence of Specification relevant Indian Standard or internationally approved equivalent standard. After award of contract, Bidder shall furnish QA plan which will be mutually discussed with the Owner and finalized QA plan shall include test and incoming supply of raw materials and bought out items, stage inspections and tests on finished products at manufacturer's works / appropriate testing station. QA plan shall clearly indicate tests which are intended to be witnessed by the Bidder alone and those by both Bidder and Owner.
5. The Contractor shall carry out wherever practical, at the place of manufacture tests of the Plant / Equipment.
6. The Owner shall be entitled to attend the aforesaid inspection and / or tests by his own duly authorized and designated representatives.
7. The Owner and his duly authorized representative shall have access to the Contractor's premises at all suitable times to inspect and examine the material and workmanship of the mechanical and electrical plant and equipment during its manufacture there. If part of the plant and equipment is being manufactured on other premises, the Contractor shall obtain permission for the Owner or his duly authorized representative, to inspect as if the plant and equipment was manufactured on the Contractors own premises. Testing (including testing for chemical analysis and physical properties) shall be carried out by the Contractor and certificates submitted to the Owner who will have the right to witness or inspect the above mentioned inspection / testing at any stage desired by him. Where inspection or testing is to be carried out at a subcontractor's works, a representative of the Contractor shall be present.
8. The procedure for the testing and inspection to be carried out during or following the manufacture of the materials to ensure the quality and workmanship of the materials and to further ensure that they conform to the Contract is whatever place they are specified shall be as described below.
  - (a) The Contractor shall give the Owner at least 21 clear days notice in writing of the date and the place at which any plant or equipment will be ready for inspection/ testing as provided in the Contract. The Owner or his duly authorized representative shall thereupon at his discretion notify the Contractor of his intention either to release such part of the plant and equipment upon receipt of works test certificates or of his intention to inspect. The Owner shall then give notice in writing to the Contractor, and attend at the place so named the said plant and equipment which will be ready for inspection and/or testing. As and when any plant shall have passed the tests referred to in this section, the Owner shall issue to the Contractor a notification to that effect.
  - (b) The Contractor shall forward to the Owner duly certified copies of the test certificates and characteristics performance curves for all equipment.

- (c) If the Owner fails to attend the inspection and/or test, or if it is agreed between the parties that the Owner shall not do so, then the Contractor may proceed with the inspection and/or test in the absence of the Owner and provide the Owner with a certified report of the results thereof as per (b) above.
- (d) If any materials or any part of the works fails to pass any inspection / test, the Contractor shall either rectify or replace such materials or part of the works and shall repeat the inspection and/or test upon giving a notice as per (a) above. Any fault or shortcoming found during any inspection or test shall be rectified to the satisfaction of the Owner before proceeding with further inspection.
- (e) Where the plant and equipment is a composite unit of several individual pieces manufactured in different places, it shall be assembled and tested as one complete working unit, at the maker's works or at site as mutually agreed by the Owner and Contractor.
- (f) Neither the execution of a inspection test of materials or any part of the works, nor the attendance by the Owner, nor the issue of any test certificate pursuant to (c) above shall release the Contractor from any other responsibilities under the Contract.
- (g) The test equipment, meters, instruments etc., used for testing shall be calibrated at recognized test laboratories at regular intervals and valid certificates shall be made available to the Owner's at the time of testing. The calibrating instrument used as standards shall be traceable to National/International standards. Calibration certificates or test instruments shall be produced from a recognized Laboratory for the Owner's consent in advance of testing and if necessary instruments shall be recalibrated or substituted before the commencement of the test.
- (h) Items of plant or control systems not covered by standards shall be tested in accordance with the details and program agreed between the Owner and Contractor.
- (i) Tests shall also be carried out such that due consideration is given to the Site conditions under which the equipment is required to function. The test certificates shall give all details of such tests.
- (j) The Contractor shall establish and submit a detailed procedure for the Inspection of materials or any part of the works to the Owner for approval within the date indicated in the Programme Details. The detailed procedure shall indicate or specify, without limitation, the following:
  - (i) Applicable code, standard and regulations
  - (ii) Fabrication sequence flow chart indicating tests and inspection points
  - (iii) Detailed tests and inspection method, indicating tests and inspection points
  - (iv) All routine tests shall be carried out as per relevant Indian Standard specifications and will be witnessed by the Owner,
  - (v) Acceptance criteria
  - (vi) Test report forms and required code certificates and data records
  - (vii) Method of sampling, if any sampling test to be conducted
  - (viii) Contractor's or Owners witness points.
- (k) The Contractor shall not pack for shipment any part of the Plant until he has obtained from the Owner or his authorized representative his written approval to the release of such part for shipment after any tests required by the Contract have been completed to the Owner's satisfaction.
  - (l) The contractor shall be liable to bear all the expenses to carry out the inspection at the manufacture works.

**Signature of Contractor/Bidder**

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

## **MINIMUM SAFETY RULES**

The following are Minimum Safety Rules that apply to all contractors and subcontractors associated with this project. All project personnel have a duty and responsibility to ensure familiarization with project safety requirements and to comply with all requirements established by their employer.

1. **REPORTING HAZARDS:** It is part of each employee's job to report all unsafe conditions/practices to his immediate supervisor for corrective action.
2. **BASIC PERSONAL PROTECTION** for this project includes:
  - a) Safety Hats of the approved type which meet Indian Standard shall be worn while on construction sites (hats shall not be Pressed or altered in any way as to make them defective). Hard hats shall be worn the way they are intended to be worn. Metal hard hats are prohibited.
  - b) Industrial grade safety glasses with side shields meeting ANSI standards Z-87 or equivalent Indian Standards will be worn by all personnel. This also applies to all persons wearing prescription glasses. Additional eye protection may be necessary for various work activities such as grinding, chipping, drilling, chemical handling, etc.
  - c) Hearing protection will be worn at posted high-noise areas or work activities generating high-noise levels.
  - d) Shirts are required when working on a construction site. All shirts will have sleeves. Sleeveless shirts are not permitted.
  - e) Full length trousers are required and must fit properly. Loosely fitting clothing will not be worn.
  - f) Safety shoes or safety boots will be worn in the construction area at all times. No sneakers, open-toed shoes or tennis shoes are allowed. All shoes will be suitable to the construction environment.
  - g) Gloves will be worn when handling materials that may cut, tear or burn hands. Gloves will be in good condition and free of excessive oil or grime.
3. **RESPIRATORS:** Persons engaged in work activities requiring breathing apparatus or respirators will be test-fitted to ensure a proper seal and fitting.
4. **FALL PROTECTION:** Safety Belts/Harnesses shall be worn and used when working at two meter heights (or greater), where approved platforms, ladders, or scaffolds are not provided. Lanyards will be no more than six feet in length. Horizontal or vertical lifelines will be provided and used where no tie-off points are provided. Belts/Harnesses shall be worn properly. All fall protection equipment will be inspected for defects by the user before each use. Defective or questionable protection equipments shall not be used.

5. **INJURIES:** All persons must report all injuries to their supervisors and obtain first aid (regardless of degree of severity) at the contractor's first aid facility. Each accident must be documented on the Accident Notification Report.
6. **SMOKING:** Smoking within an establish NO SMOKING AREA is strictly prohibited and is sufficient cause for immediate removal of the person found smoking from the site.
7. **ELECTRICAL EQUIPMENT :** Personnel (except electricians), assigned to work on or around specific electrical jobs, will stay clear of all electrical equipment until it is proven safe by qualified electrical personnel.
8. **UNAUTHORIZED USE:** The unauthorized operation of any tool, equipment, switch, vehicles, valves, etc. is strictly prohibited.
9. **MAKESHIFT DEVICES:** Personnel will not fabricate or use makeshift devices such as lifting devices, tools, etc. Specialized tools/equipment are often necessary, but will be properly designed and tested by authorized engineering personnel before use. The modification of tools/equipment or the overriding of safety devices will not be tolerated.
10. **TRUCK RIDING:** Riding in the bed of trucks is prohibited unless seating arrangements conform to client requirements. Personnel are forbidden to ride on loaded trucks, fenders, running boards, sideboards, tailgates, etc.
11. **SEAT BELTS:** All personnel riding in vehicles will fasten seat belts before the vehicle is placed in motion.
12. **HORSEPLAY:** Running, practical jokes, etc. prohibited. Fighting is sufficient cause for immediate dismissal. "Short cutting" of established safe practices or deliberate chance-taking is strictly prohibited.
13. **WORK PERMITS:** If work to be carried out requires a permit, the permit must be obtained before work commences.
14. **EMERGENCY PROCEDURES:** It is part of everyone's job to thoroughly know plant emergency procedures, emergency alarms, location of assembly areas, etc.
15. **WORKING POSITION:** Personnel must always ensure safe working positions. Any person to position himself between a fixed object and a moving piece of equipment is extremely hazardous. Never place yourself between objects which could roll, shift, fall or be displaced. Stay alert to conditions around you at all times.
16. **SAFE & PRESCRIBED METHODS:** All tools and equipment, including motor vehicles will be operated in a safe and prescribed manner at all times. If any person is not sure of the proper method of tool/equipment use, he must immediately inform his supervisor for the person to receive proper direction.
17. **INSTRUCTIONS FROM SUPERVISORS:** Supervisors are responsible for strict compliance and enforcement of project and client safety rules and regulations, and to

- ensure that workers are made knowledgeable of requirements. All personnel are required to follow instructions from their immediate supervisors. If instructions are not clear or are confusing, the employee has a responsibility to question the supervisor and obtain clear instructions before commencement of work.
18. **CO-OPERATION AND TEAMWORK:** It takes co-operation and teamwork to complete construction projects in a safe, efficient and timely manner. All project personnel are expected to render complete co-operation in the administration and enforcement of the project Safety Program.
  19. **CAMERAS:** Employees must not, under any circumstances, bring cameras onto the work site or use a camera on the work site without written approval of Engineer-In-Charge.
  20. **DRUGS/ALCOHOL:** The use of illegal drugs and alcohol is strictly prohibited and is cause for immediate removal of the person who is found to be under influence of such drugs / alcohol from the site.
  21. **DISCIPLINARY ACTION:** Disciplinary action will be taken against persons violating the stipulations. Serious infractions and/or repeat offenders will be dealt with severely, up to and including permanent removal from the project.
  22. **RESPONSIBILITIES;** All persons have a responsibility to themselves and their co-workers to be physically fit and mentally alert at all times. Conditions on a construction site are always in a state of change. Personnel must be able to react accordingly.
  23. **LADDERS AND SCAFFOLDS:** All ladders and scaffolding shall be of the approved type. Ladders and scaffolding not meeting standards shall be removed from service. Ladders and scaffolding shall meet Indian Safety Standards or British Standards whichever is more stringent.

**LADDERS:**

- a) Ladders shall be inspected prior to use. Defective ladders shall be removed from service.
- b) Ladders used near energized lines or equipment shall be made of non- conductive materials (wood, fiberglass, etc.)
- c) Ladders shall be placed on solid footing. They shall not be placed on unstable objects such as loose bricks.
- d) Employees shall not carry tools, materials, or objects while climbing ladders. Employees shall face the ladder while climbing and avoid leaning from side to side and away from the ladder.
- e) Employees working from ladders shall wear and utilize proper fall protection equipment.

- f) Straight and extension ladders must be secured at the top when in use. Ladders not in use should be removed from the vertical position.
- g) Ladders must be placed at an angle not to exceed one foot of run for every four feet of rise.
- h) Ladders must extend above their upper support or landing by at least 3 feet.
- i) Step ladders must be secured or held when in use.
- j) Employees shall not work from the top step or next to the top step of step ladders.

**SCAFFOLDS:**

- a) Employees shall not erect, alter or dismantle scaffolds unless directed by a competent person.
- b) Scaffolds shall be erected, should be in plumb, and on sound foundation. Loose bricks, unstable stacks of lumber, etc. shall not be used to level or support scaffolds.
- c) Scaffold materials shall be free of defects.
- d) Work platforms shall be completely decked. (The decking should overhang its end supports at least 6 inches but not more than 12 inches. The decking shall be secured in place).
- e) Work platforms shall be equipped with standard handrails, midrails, and toe boards when 2 meters or more in height.

**24. EXCAVATIONS:**

- a) When deeper than 5 feet, excavations shall be sloped or shored to prevent caving-in.
- b) Excavations must be barricaded and barricades shall be maintained till back filling is completed.
- c) Excavated earth and any equipment shall be kept at least 2 feet from the edge of excavations.
- d) Access ladders shall be placed within a distance of 25 feet of location of working in excavations of 4 feet deep or deeper.

**25. CONFINED SPACE OR VESSEL ENTRY:**

- a) Employees shall not enter any confined space unless it has been tested for oxygen contents, absence of flammable gases and/or substances, or any other hazardous materials, and a written permission has been issued.
- b) A man *way* watch trained in his duties shall be present at any time when personnel are inside confined spaces or vessels.
- c) Portable or hand-held lighting should not exceed 12 volts power source.
- d) Positive ventilation (air movers or fans) shall be used to provide exchange of fresh air in confined spaces and vessels.

**26. TAG-OUT, LOCK-OUT PROCEDURES:**

- a) Employees shall not perform any work including repair, changes, attachments on electrical circuits, equipment, or mechanical equipment unless the power supply or source of said equipment is positively disconnected or shut off and the concerned electrical department employee places his lock and tag on the disconnect.
- b) Only electrical personnel shall be involved in energizing & de-energizing electrical circuits and equipment.

**Signature of Contractor/Bidder**

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

## **ERECTION, TESTING AND COMMISSIONING**

### **1. ERECTION - GENERAL**

- 1.1 The Contractor's staff shall include adequate and competent erection Engineer with proven, suitable, previous experience on similar contracts to supervise the erection of the Works and sufficient skilled, semi-skilled and unskilled labour to ensure completion of Works in time. The Contractor shall not remove any representative, erector or skilled labour from the Site without prior approval of the Owner.
- 1.2 The Contractor shall ensure that no installation or erection work shall commence until full and unconditionally approved working drawings, signed and stamped by the Owner are available at Site.
- 1.3 The Contractor's erection staff shall arrive on the Site on dates to be agreed by the Owner. Before they proceed to the Site, however, the Contractor shall first satisfy himself, as necessary, that sufficient Electrical System of his (or his sub-contractor's) supply has arrived on Site so that there will be no delay on this account.
- 1.4 One erection engineer who shall be required to be the Contractor's representative shall be conversant with the erection and commissioning of the complete Works. Should there be more than one erector, one shall be in charge and the Contractor shall inform the Owner in writing which erector is designated as his representative and is in charge. Erection engineer is to report to Project Manager.
- 1.5 The Contractor shall be responsible for setting up and erecting the Electrical System to the line and levels of reference and of the positions, levels dimensions and alignment, appliances and labour in connection therewith. The checking of setting out of any line or level by the Owner shall not in any way relieve the Contractor of his responsibility for the correctness thereof.
- 1.6 Erection of Electrical System shall be phased in such a manner so as not to obstruct the work being done by other contractors or operating staff who may be present at the time. Before commencing any erection work, the Contractor shall check the dimension of structures where the various items of Electrical Systems are to be installed and shall bring any deviations from the required position, lines or dimensions to the notice of the Owner. Electrical System shall be erected in a neat and workmanlike manner on the foundations and at the locations shown on the approved drawings. Unless otherwise directed by the Owner, the Contractor shall adhere strictly to the aforesaid approved drawings. If any damage is caused by the Contractor during the course of erection to new or existing Electrical System or buildings or any part thereof, the Contractor shall, at no additional cost to the Owner, make good, repair or replace the damage, promptly and effectively as directed by the Owner and to the Owners satisfaction.

- 1.7 The Contractor shall align all equipment and holding down bolts and shall inform the Owner before proceeding with grouting-in. the items concerned. The Contractor shall ensure that all equipment is securely held and remains in correct alignment before, during and after grouting-in.
- 1.8 The approval by the Owner of the Contractors proposals for rigging and hoisting any items of the Electrical System into final positions shall not relieve the Contractor from his responsibility for damage to completed structures, parts or members thereof or other installed equipment. He shall at his own cost make good, repair or replace any damaged or injured items, whether structural, electrical, architectural, or of any other description, promptly and effectively to the satisfaction of the Owner.
- 1.9 No Electrical Systems or other loads shall be moved across the floors of structures without first covering the floors with timber of sufficient size so that applied loads will be transferred to floor beams and girders of steel or concrete. If it is required to reduce bending stresses and deflection, the beams and girders shall be provided with temporary supports. Any movement of Electrical System and other loads over the floor structures shall be subjected to the prior approval of the Owner.
- 1.10 During erection of the Electrical System, the Owner will inspect the installation from time to time in the presence of the Contractor's Site representative to establish conformity with the requirements of the Specification. Any deviations and deficiencies found or evidence of unsatisfactory workmanship shall be corrected as instructed by the Owner.

## **2 LEVELING AND GROUTING OF MACHINERY**

- 2.1 Contractor shall check the civil works, where the Electrical System is to be installed sufficiently in advance, for their conformity to the approved drawings for installing the Electrical System with respect to lines, levels and accuracies of positions embedment, anchorage pockets, cut-outs etc. He shall record all measurements and deviations in prescribed control formats. He shall proceed with the work, with the Owners consent to such preparatory inspection of works.
- 2.2 Contractor shall mark precisely the centre lines and datum reference on the civil works, where the Electrical System is to be installed with reference to bench marks, using indelible means of marking.
- 2.3 He shall undertake sufficiently in advance chipping of any unevenness of concrete on foundations, anchor bolt pockets, cut-outs etc., to achieve uniform level of reference for erection. All concrete surfaces receiving grout shall be hacked as required to ensure better bonding with grouting.
- 2.4 Contractor shall undertake the inspection of all components to be erected sufficiently in advance to check their soundness and conformity to drawings and the inspection records

shall be signed by the Owner as approval for undertaking the installation of the components. Any damage, shortfalls etc. shall be made good to the satisfaction of the Owner.

- 2.5 All grout for equipment shall be carried out using non-shrinkable continuous grout materials with suitable framework of at least 12 mm thickness. Surfaces to receive the grout shall be hacked and roughened and laitance shall be removed by wire brushing or blast of air. Concrete surface shall be blown off by compressed air before commencing grouting. Grouting shall be done in one continuous operation from one side such that grout flows in a single wave until grout reaches all confined spaces with no air pockets and air from all confined spaces is expelled. A hydrostatic head of 150 mm shall be maintained during grouting operations hydrostatic head of 150 mm shall be maintained during grouting operations. All grouting shall be carried out in the presence of the Owner. All lines and levels shall be checked up after grout is set. Block outs shall be closed using cement concrete of the same grade as that of the parent structure.

### **3. RECORDS, PROCEDURES AND REPORTS**

- 3.1 The Contractor shall maintain records pertaining to the quality of installation/erection work and inspection, testing, compliance with all technical requirements in respect of all his works as described in the previous paragraphs. The reporting formats shall be in the approved formats. The Contractor shall submit such records to the Owner after the completion of any particular work before submitting the bill of supply/progress of work. Such report shall comprise shop inspection reports, shop testing reports, material test reports, based on which dispatch clearances are provided, all the quality control reports of welding, erection and alignment records.
- 3.2 All the above mentioned records shall be submitted in the final form duly countersigned by the Owner attesting conformity to specifications and his approval of installation, and duly incorporating all the additions, alterations, and information as required by the Owner, on the basis of preliminary reports giving the progress of the work. Such records notwithstanding, any records submitted earlier with bill of supply/progress etc., shall be duly bound and submitted to the Owner in six copies by the Contractor on his notification of the Electrical completion of erection.

### **4. GENERAL PREPARATIONS BEFORE COMPLETION OF THE ELECTRICAL SYSTEM**

- 4.1 The following documents should be completed in accordance with the Contract schedule before completion of erection. The Owner and the Contractor shall preserve and control these documents in a safe and appropriate place on Site in order that both parties' personnel can make use of them at any time.

- (a) Technical Documents
  - (i) Operation and Maintenance manual
  - (ii) Design documents including the Contractor's design data, drawings and Specifications.
  - (iii) Tools and test equipment list
  - (iv) Spare parts list
- (b) Procedures
  - (i) Mechanical testing procedure
  - (ii) Electrical testing procedure
  - (iii) Instrumentation testing procedure
  - (iv) Detailed Pre-commissioning and Commissioning procedure
  - (v) Detailed Performance Test procedure

## **5. COMPLETION OF ERECTION**

- 5.1 The completion of Electrical System under erection by the Contractor shall be deemed to occur, if all the units of the Electrical System are structurally and electrically complete and will include among other such responsibilities the following:
- (a) Electrical System in the Scope of the Contract has been erected, installed and grouted as per specifications.
  - (b) Installation checks are completed and approved by the Owner
  - (c) The erected Electrical Systems are totally ready for commissioning checks.
- 5.2 At the stage of completion of erection, the Contractor shall ensure that all the physical, aesthetic and workmanship aspects are totally complete and the Electrical System is fit and sound to undergo tests on completion and subsequent pre-commissioning checks.
- 5.3 Upon achieving the completion as described above, the Contractor shall notify the Owner by a written notice intimating completion of erection and notify the Owner for inspection. The Owner shall proceed with the inspection of such units within 14 days of such a notice.
- (a) The Owner shall certify completion when there are no defaults in the Works or
  - (b) The Owner shall inform the Contractor list of deficiencies for rectification hereinafter referred as Punch list and the Contractor shall complete the rectification work within a jointly agreed period before pre-commissioning activities and obtain the Owner's acceptance or approval of the same before proceeding with the same.
  - (c) The Owner may inform the Contractor that the works are accepted with the 'Punch' list (items which do not hamper operability safety or maintainability) and allow the Contractors to proceed with the pre-commissioning checks when the Contractor undertakes to complete such outstanding works within an agreed time during defects liability period. Taking over shall be based on rectification of all deficiencies as advised by Punch lists.

- 5.4 The erection period indicated by the Contractor would be deemed to cover all the activities up to Completion as stipulated in previous paragraphs, notice of completion by the Contractor, inspection by the Owner for Completion, and Contractor rectification of all deficiencies as noticed by the deficiency/Punch list, and acceptance by the Owner of such rectifications, prior to Tests on Completion.
- 5.5 Minor defects, which in the opinion of the Owner which do not hamper operability and maintainability will nor be taken into account for deciding Electrical Completion. Such defects shall be rectified concurrent to commissioning checks before Tests on Completion. However, the Owner's decision in this regard is final.
- 5.6 The commissioning period as notified by the Contractor shall be deemed to occur beyond the date of Completion and shall include all periods of pre-commissioning, trials and Tests on completion.
- 5.7 It is in the Contractor's interest to offer the section/units/systems, progressively under the identified milestones within overall erection period, duly completed for rectification of any deficiencies pointed out by the Owner and to achieve Electrical Completion before undertaking the tests on Completion within the specified erection period. The Owner also reserves the right to withhold the cost as estimated to be equivalent to the rectification of deficiencies pointed out to the Contractor until such a time such deficiencies are rectified to the satisfaction to the satisfaction of the Owner.

## **6. PRE-COMMISSIONING**

- 6.1 After the Completion of erection, Pre-commissioning activities listed below shall be carried out to make the Electrical System ready for Commissioning.
- 6.2 Upon completion of erection of each piece of equipment, facility or discrete part of the Electrical System, Electrical checks and tests shall be carried out according to the Contractor's checklist. The Electrical checks and tests shall be to establish that.
- (a) The Electrical System is erected in accordance with the Contractor's construction drawings, pipe work drawings, instrument diagrams, etc. issued for the Electrical System.
  - (b) The materials are installed and electrically function in accordance with the Contract and
  - (c) Applicable codes as listed in the Contract are followed for materials and workmanship.
- 6.3 Items such as painting, thermal insulation and final clean up which do not materially affect the operation or safety of the Electrical System will be excluded. All these items shall be listed and completed after the Pre-commissioning or Commissioning at the discretion of the Contractor, but before acceptance.
- 6.4 The Contractor shall prepare and maintain at Site test forms and records that shall include:
- (a) Description of type of test or check
  - (b) Date and time of test or check

- (c) Identification of equipment and facilities
  - (d) Test pressure, test data and results, including remarks, if any
  - (e) Signature of the Contractor's personnel attesting to data recorded, if any.
- The Contractor's construction forces thereof shall carry out checks, tests and recording.
- 6.5 Wherever the Owner's witness or attesting of the check or test is required, the Owner's personnel shall attend such check and test. For this purpose, the Contractor shall keep the Owner informed of a day-to-day test plan schedule. The test plan schedule may be revised from time to time to reflect the actual progress of the work and test.
- 6.6 Any items found incomplete or requiring repair or adjustment shall be marked as such on the test records and then reported by the Contractor to the Owner and the Contractor's personnel in charge of the relevant construction area.
- 6.7 Checking procedures shall be repeated until all the items on the checklist are cleared
- 6.8 A complete set of test records shall be handed over to the Owner on completion.
- 6.9 The tests on the different Mechanical and Electrical equipment shall include but not limited to:
- (a) Pump motors
    - Condition of winding insulation be tested and insulation values shall be restored to required level by suitable heating arrangements locally.
  - (b) MV Switch board / Power Distribution Boards
    - (i) Checking of all internal wiring for correctness as per supplier's drawings.
    - (ii) Insulation resistance test.
    - (iii) CT Polarity Test / PT Ratio Test.
    - (iv) Operational check of instruments and testing of relays by primary / secondary injection.
    - (v) Phase sequence test.
    - (vi) Functional simulation test.
    - (vii) Local & Remote Operation.
  - (c) Power and Control Cables
    - (i) All cores of cables shall be tested individually for continuity and insulation resistance with earth/sheath/armour as well as between the cores, before as well as after installation.
    - (ii) Pressure test as per relevant IS will be carried out on all 11 kV cables together with joints.
  - (d) Distribution Boards / Switch Socket Outlets
    - (i) Checking of wiring as per drawing.
    - (ii) Insulation resistance.
    - (iii) Functional test.

- (e) Tests for Earthing System
  - (i) The resistance of each earth pit shall be measured and recorded.
  - (ii) The resistance of the complete earthing system shall be less than 1.0 ohm or values specified by the local Electrical Inspector whichever is less.
  - (iii) Earthing continuity tests shall be carried out for all the equipment.

## **7. COMMISSIONING**

7.1 After the completion of Pre-commissioning activities the final checks and preparations necessary for start-up of the Electrical System shall be carried out. The Contractor shall submit to the Owner a written Notice of Electrical Completion that shall include:

- (a) Identity of a part of the Electrical System considered electrically complete
- (b) A copy of relevant completed test reports
- (c) The date on which the completion of the tests was achieved
- (d) Check list and
- (e) A request for issuance of a Electrical Completion Certificate in respect of that part.

7.2 Within fourteen (14) days from the date of receipt of the Contractor's written Notice, the Owner shall:

- (a) In the case of acceptance, issue a Electrical Completion Certificate
- (b) In the case of Objection, submit a rejection Statement setting forth remaining items to be completed or defects of deficiencies to be corrected before Electrical Completion status can be accepted. When the Owner rejects the Contractor's Notice the Contractor shall take any necessary action to complete or correct the items marked and give the Owner a second Notice of Electrical Completion.

7.3 After the issuance by the Owner of a Electrical Completion Certificate, Commissioning activities listed below shall be carried out to enable the start-up and operation of the Electrical System Procedures are described as below:

- (a) Commissioning Procedure shall be carried out in a methodical sequence as follows
  - (i) Warming up
  - (ii) Start-up
  - (iii) Initial rearming –
  - (iv) Operability adjustment
  - (v) Stable operation
  - (vi) Final adjustment
- (b) At all stages of commissioning sequence, the Electrical System shall be operated at optimum Electrical System conditions. To ensure this, the Contractor may make minor

adjustment to the conditions indicated in the Operation and Maintenance Manual as necessary.

- (c) The Contractor shall check the operating conditions of the Electrical System by constantly monitoring operating data.
- (d) The Contractor shall specify for each discrete part of the Electrical System the operational data to be recorded and the manner in which the data is to be taken.
- (e) All the operating data shall be recorded by the Owner on the forms to be mutually agreed. The Owner shall make a copy of the operating log and analytical data from initial operation through to the completion of Performance Test available to the Contractor for evaluation.

## **8. PERFORMANCE TEST**

- 8.1 After the final operation of the Electrical System, a Performance Test shall be carried out to demonstrate the Contractor's Performance Guarantee.
- 8.2 Prior to conducting Performance Test, the Contractor shall furnish the detailed Performance Test Procedure for approval.
- 8.3 Performance test shall be carried out by the Contractor's personnel according to the instructions set forth in the Contractor's Operation and Maintenance Manual and under the supervision of Owner's operating personnel.
- 8.4 Operating and analytical data recorded during Performance test shall be taken down by the Owner and made available to the Contractor for evaluation.

## **9. ACCEPTANCE**

- 9.1 Acceptance will occur in any of the three following possible ways:
  - (a) Fulfilment of Guarantees  
When Performance Test has been successfully completed and the Performance Guarantees are met.
  - (b) Deemed Acceptance

When Performance Test has not been completed or has not been carried out for reasons not attributable to the Contractor within specified date or other mutually agreed period.

- 10. The material to be utilized in execution of work shall confirm to the following Indian Standards (IS) which shall mean latest revisions, Amendments / changes and published unless otherwise specified herein before.**

Sr. No.	Indian Standards	Titles	
1.	IS-226	Structural Steel Standard quality	
2	IS-2062	Structural steel (fusion welding quality).	
3.	IS-802	Code of practice for use of structural steel in overhead transmission line towers and part-I loads & permissible stresses.(first revision)	
4.	IS-808	Rolled steel beam, channel and angle sections and Part-I Dimensions for hot Rolled steel beam Part-I MB series (second revision).	
5.	IS-4759	Hot dip zinc coating on structural steel and other allied products.	
6.	IS-6639	Hexagonal Bolts for steel Structure.	
7.	IS-10238	Step Bolts for steel structures.	
8.	IS-1367	Technical supply conditions for threaded fasteners.	
9.	IS-2016	Plain washers.	
10.	IS-4072	Steel for Spring washers	
11.	IS-3063	Single coil rectangular section spring washers for bolts, nuts and screws.(first revision)	
12.	IS-6821	Methods for sampling non-threaded fasteners.	
13.	IS-1573	Electroplated coatings of zinc on iron and steel.	
14.	IS-2486	Insulator fittings for overhead power lines of 3.3 KV and above.	
15.	IS-2633	Method of testing uniformity of coating on Zinc coated article.(first revision)	
16.	IS-2121	Fittings for aluminium and steel cord aluminium conductor for overhead power lines (with amendments No 1 to 3)	
17.	IS-731	Porcelain Insulators for overhead power lines with a nominal voltage greater than 1000V.(second revision)	
18.	IS-2141	Galvanized Stay strand (first revision) (with amendments No 1 to 3)	
19.	IS-398	Part-I Aluminium conductor for overhead	
		Part-II Aluminium conductor, galvanized steel reinforced (second revision)	revision)
		Part-III Aluminium conductor, Aluminium steel reinforced (second revision)	revision)
20.	IS-4826	Galvanized coating on round steel wires.	
21.	IS-2551	Danger notice plate (with amendments No 1)	

22.	IS-2629	Recommended practice for hot dip galvanizing of Iron and steel.	
23.	IS-5358	Hot dipped galvanised coating on fasteners.	
24.	IS-5613	Code of practice for design, installation and maintenance of over-head power	
		Line.	
		(Part-I Sec-I)- Lines upto and including 11 KV, section/design.	
		(Part-I Sec-II)- Lines upto and including 11 KV, section installation and	
		Maintenance.	
25.	IS-6745	Method for determination of weight of zinc coating on zinc coated iron and	
		Steel articles.	
26.	IS-7215	Tolerance for fabrication of steel structures.	
27.	IS-8577	Specification for weldable structures steel (medium and high tensile quality).	
28.	IS-338	Varnish ,under coating, exterior, natural resin	
29.	IS-800	Code of practice for use of structural steel in general building construction(	
		Revised) with amendments No.1&2.	
30.	IS-3034	Code of practice for fire safety of Industrial building. Electrical generating and	
		Distributing stations.	
31.	IS-269	Ordinary and low heat Portland cement.	
32.	BS-16	Telegraph material (Insulator, pole fitting etc.)	
33.	BS-729	Hot dipped Galvanisation	
34.	IS-2427	Grading of continuous filament viscose rayon yarn and acetate yarn, bright	
		And dull.	
35.	IS-1363	Black Hexagonal	bolts, nuts and lock nuts(dia meter 6 to 39mm) and black
		hexagon screws(dia 6 to 24 mm) first revision with Amendment No.1)	
36.	IS-1852	Rolling & cutting tolerance for hot rolled steel products.	
37.	IS-1778	Reels and drums	for bare wire(with Amendment No. 1 & 2).
38.	IS-4218	ISO metric Screw Threads.(Part.I- Basic and design profiles, Part-II- Pitch	
		diameter combinations, Part.III- Basic dia mansions for design profiles,	
		Part.IV- Telebanking system, Part. V- Tolerances, Part.VI- Limits of sizes for	
		Commercial bolts and nuts (dia meter range 1 to 39 mm).	
39.	IS-7887	Mild steel wire rod for general Engg. Purpose.	
40.	IS-280	Mild steel wire for general engineering purpose (Second revision).	
41.	IS-5300	Porcelain Guy Strain insulator	
42.	IS-5561	Electric power connectors.	
43.	IS-5	Colours for ready mixed paints (Second revision).	
44.	IS-3972	Methods of Test for vitreous enamel wire.	

45.	IS-4711	Methods for sampling of steel pipes, tubes and fittings.
46.	IS-1599	Method for bend test for steel products other than sheet, strip, wire and tube( first revision)
47.	IS-1678	Pre-stressed concrete poles for overhead power traction & Telecommunication Lines.
48.	IS-8623	Methods for radio interference tests on high voltage insulators
49.	IS-13947	Specification for low voltage switchgear & control gear.
50.	IS-14255	Aerial Bunched Cable for working voltages up to and including 400 V – Specification.
51.	IS-8130	Conductor for insulated electric cables & flexible cords.
52.	IS-5561	Electric power connectors.
53.	IS-617	Aluminium and aluminium alloy ingots and casting for general engineering Purpose (second revision).
54.	IS-2544	Porcelain post insulators for systems with nominal voltages greater than 1000 Volts (First revision) (with Amendment No.1).
55.	IS-7098	LT XLPE insulated (Heavy Duty) electric cables.
56.	IS-5831	PVC insulation and sheath of electric cables (with Amendments No. 1 to 3).
57.	IS-1239	Mild steel tubes, tubulars and other wrought steel fittings.
58.	IS-5039	Distribution pillar for voltages not exceeding 1000 volts.

**For 12Kv RMUs:**

IEC 62271-200/IS 12729:1988	General requirement for Metal Enclosed Switchgear		
IEC62271-102/IS 9921	Alternating Current disconnectors (Load Break Isolators) and Earthing Switch.		
IEC 62271-100 / IEC 62271-200	Specification for alternating current circuit	breakers	
IEC 62 271-1	Panel design, SF6/Vacuum Circuit Breakers		
IEC60044-1/IS2705:1992	Current Transformer		
IEC 60265/IS 9920:1981	High voltage switches		
IEC 376	Filling of SF6 gas in RMU		
IEC 60273/IS :2099	Dimension of Indoor & Outdoor post insulators with voltage > 1000 Volts		
IEC 60529/IS 13947(Part-1)	Degree of protection provided by enclosures for low voltage switchgear and control gear.		
IS 3043-1987	Code of Practice for earthing		
Indian Electricity Rules/Bills			
For 33Kv VCBs			
IEC56/IS:13118/IS-3427/IS:10118 (Part-III) – 1982/ IS:2165-1977/ IS:3716-1976/ IEC-62271-100/ IEC-62271-200	Circuit Breaker/ metal enclosed Switchgear and control gear.		
IS: 3156	Voltage transformers.		
IS: 2705	Current transformers.		
IS: 3231	Electrical Relays for power system.		
IS:1248	Meters and Instruments		
IS:14697-1999	Specification for AC static transformer operated watt hour and VAR hour meters class 0.2 S & 0.5 S.		
IEC-62053-22-2003	Specification for AC Static Watt hour Meters, class 0.2 S &		
IEC-62052-11-2003			
CBIP No.304	Technical Report	Specification for AC Static Electrical Energy Meter.	

**Signature of Contractor/Bidder**

**Executive Engineer (Elect-IV)**

**JDA, Jaipur**

**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 the procurement process or to otherwise influence the procurement process;
- (b) Not misrepresent or omit that 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 an 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.

A bidder may be considered to be in conflict of interest with one or more parties in the 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 proposed to be hired) by the procuring entity as engineer-in-charge/consultant for the contract.

**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 Entry;
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 proceedings for any of the foregoing reasons;
4. I/we do not have, and our directors and officers not have, been convicted of any criminal offense 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 the bidder
Place:	Name:
	Designation:
	Address:

**Note:- Annexure "B" is mandatory to be fulfilled & signed with seal by the bidder failing which the bid shall summarily be rejected without asking any clarification.**

Grievance Redressal during Procurement Process

**The designation and address of the First Appellate Authority:**

For works costing up to Rs. 300.00Lakhs - Jaipur Development Commissioner, JDA, Jaipur.

For works costing above Rs. 300.00Lakhs - Executive Committee, JDA, Jaipur.

**The designation and address of the Second Appellate Authority:**

For works costing up to Rs. 300.00Lakhs - Executive Committee, JDA, Jaipur.

For works costing above Rs. 300.00Lakhs - Principle Secretary/ ACS, Urban Development & Housing Department, GOR, 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 the 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) Appeals 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 the need of procurement
- (b) Provisions limiting the 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 Appeals: -**

- (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 the first appellate authority or second  
The appellate authority, as the case may be, in person or through registered post or authorized representative.

**(6) Fee for filing Appeal: -**

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

- (b) The fee shall be paid in the form of a bank demand draft or banker's cheque of a scheduled bank in India payable in the name of the appellate authority concerned.

**(7) Procedure for disposal of Appeal: -**

- (a) The first appellate authority or second appellate authority as the case may be, upon the filing of the appeal, shall issue notice accompanied by a copy of the appeal, affidavit and documents, if any, to the respondents and fix a date of hearing
- (b) On the date fixed for hearing, the first appellate authority of the second appellate authority, as the case may be shall-
  - (i) Hear all the parties appeal presenting 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 a copy of the 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.

## Additional Conditions of Contract

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

Provided that a financial bid is substantially responsive, the procuring entity will correct arithmetical errors during the evaluation of financial Bids on the following basis:

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

If the Bidder that submitted the lowest evaluated bid does not accept the correction of errors, its bid shall be disqualified and its bid security shall be forfeited or its bid securing declaration shall be executed.

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

- (i) At the time of award of the contract, the quantity of goods, works or services originally specified in the bidding documents may be increased or decreased, by a specified percentage, but such increase or decrease shall not exceed fifty percent, of the quantity specified in the bidding documents. It shall be without any change in the unit prices or other terms and conditions of the bid and the conditions of the contract.
- (ii) If the Procuring entity does not procure any subject matter of procurement or procures less than the quantity specified in the bidding document due to change circumstances, the bidder shall not be entitled to any claim or compensation except otherwise provided in the conditions of the 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, then in such cases, the quantity may be divided between the Bidder, whose Bid is accepted and the second lowest Bidder or even more Bidder in that order, in a fair, transparent and equitable manner at the rates of the Bidder, whose Bid is accepted.

## Process for Tender Participation & Depositing Payment on ‘Online Tender Participation’ Portal of JDA & Bid Submission on ‘e-Procurement Portal’ of Government of Rajasthan: -

### A\*Process for Tender Participation & Depositing Payment on ‘Online Tender Participation’ Portal of JDA

#### 1-Participate in tender

- Bidder can access ‘Online Tender Participation’ Portal of JDA at <https://jda.urban.rajasthan.gov.in/jda> or by Single-Sign-On at <http://service.jaipurjda.org>.
- Create user Login with a valid mobile number to register yourself for various Online Services of JDA.
- Select ‘Proceed as Citizen’ and then ‘Proceed for Subscription’ for ‘Tender Online Payment’. The prevailing plan for getting registered for tendering process of JDA is Rs. 500.00 with a validity period of 3 Years (renewable).
- After successful payment, re-login and upload required documents for KYC (Know Your Client) compliance as per the type of entity viz. Individuals/ Company/ Partnership Firms/ Trusts & foundations. Besides, Bank Passbook / Cancelled Cheque consisting of Bank Account, IFSC Code is mandatory to be uploaded, to refund the bid security of unsuccessful bidder.
- After receiving the payment successfully and approving KYC documents the bidder will be authenticated by JDA for taking part in Tender.

#### 2-Deposit Tender Fee, RISL processing fee and Bid Security (EMD)

- Option-1:** 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.
- 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 48 hours prior to closing date of bid participation.

#### 3-Deposit Bid Security (EMD)

The Bid Security (EMD) can be submitted through Bank Guarantee (BG). Bidder may opt Bank Guarantee (BG) against Bid Security (EMD), for which bidder requires to prepare BG before applying in the tender. The detail of BG requires to be fed on ‘Online Tender Participation’ Portal of JDA before paying balance amount (Tender Fee + RISL Processing Fee). This balance amount will be paid through Payment Gateway only, option to make balance payment through EFT (RTGS/NEFT) will not be available.

#### 4-Obtain Bid Participation Receipt

After confirming payment, the bidder will get Bid Participation Receipt based on 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.

### B-\*\*Bid Submission on ‘e-Procurement Portal’ of Government of Rajasthan

- Online e-Bid can be submitted after registration at e-Procurement Portal of Government of Rajasthan [www.eproc.rajasthan.gov.in](http://www.eproc.rajasthan.gov.in)
- It is mandatory to upload Bid Participation Receipt with the bid submission.
- Details of online payment available on Tender Participation Portal of JDA have to be filled in ‘offline payment’ section of e-Procurement portal.

**Note**

- 1- Bidder (authorized signatory) shall submit their offer on-line in electronic formats both for technical and financial proposal.
- 2- In case, any of the bidders fails to pay the Tender Fee, BSD, and RISL Processing Fee, online (subject to confirmation), its Bid shall not be accepted.
- 3- To participate in online bidding process, Bidders must procure a Digital Signature Certificate (Type III) as per Information Technology Act-2000 using which they can digitally sign their electronic bids. Bidders can procure the same from any CCA approved certifying agency, i.e., TCS, 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 in training may contact e-Procurement Cell, DoIT&C for booking the training slot.

Contact No: 0141-4022688 (Help desk 10 am to 6 pm on all working days) e-mail: [eproc@rajasthan.gov.in](mailto:eproc@rajasthan.gov.in)

Address: e-Procurement Cell, JDA, Yojana Bhawan, Tilak Marg, C-Scheme, Jaipur

- 7- The procuring entity reserves the complete right to cancel the bid process and reject any or all of the Bids.
- 8- No contractual obligation whatsoever shall arise from the bidding document/ bidding process unless and until a formal contract is signed and executed between the procuring entity and the successful bidder.
- 9- Procurement entity disclaims any factual/ or other errors in the bidding document (the onus is purely on the individual bidders to verify such information) and the information provided therein are intended only to help the bidders to prepare a logical bid-proposal.
- 10- The provisions of RTPPA Act 2012 and Rules thereto shall be applicable for this procurement. Furthermore, in case of any inconsistency in any of the provisions of this bidding document with the RTPPA Act 2012 and Rules thereto, the later shall prevail.

<b>Jaipur Development Authority, Jaipur.</b>	
<b>Bid Participation Receipt</b>	
	Date & Time:-
<b>Bid Detail</b>	
Bid ID:	Procurement Entity:-
Bid Title:	
Bid Value:	Bid Opening Place:
<b>Bidder Detail</b>	
Name of Entity:	Mobile No.:
Registration Type:	Instrument Amount:
Payment Mode:	Payment Channel:
Instrument No.:	Instrument Date:

<b>Dates Detail</b>		
Sr. No.	Event Name	Event Date
1	Publishing Date	
2	Bid Opening Date	

<b>Specific Instrument for eProc Rajasthan</b>			
<b>Instrument Type</b>			
Instrument Number	Head Name	Amount	Date
	Tender Fee		
	RISL Processing Fee		
	Bid Security Deposit		
Issuer Detail: Jaipur Development Authority		Challan Number:	

More details about Registration Process, Terms and Conditions and FAQ along with contact detail is available on JDA website [www.jda.urban.rajasthan.gov.in](http://www.jda.urban.rajasthan.gov.in).

**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**

**SPECIAL CONDITIONS OF CONTRACT REGARDING DEFECT LIABILITY PERIOD (DLP)  
FOR WORKS COSTING RS. 10.00 LACS AND MORE**

Table-1

S.No.	Type of work	DLP Period
1.	<b>Bridge Work</b>	<b>5 Years</b>
2.	<b>CD Work</b>	<b>5 Years</b>
3.	<b>CC Road. PQC Work</b>	<b>5 Years</b>
4.	<b>CC tiles/Krebs/medians</b>	<b>5 Years</b>
5.	<b>Drains</b>	<b>3 Years</b>
6.	<b>Roads</b>	
	(i) Two-layer WBM/GSB	<b>6 months or one full rainy season whichever is later</b>
	(ii) For Renewal/Strengthening	
	(a) BT up to 30 mm thickness	<b>1 Years</b>
	(b) BT above 30 mm to up to 40 mm	<b>2 Years</b>
	(c) BT above 40 mm to up to 90 mm	<b>3 Years</b>
	(d) BT above 90 mm thickness	<b>5 Years</b>
	(iii) New Roads	
	(a) BT up to 90 mm	<b>3 Years</b>
	(b) BT more than 90 mm	<b>5 Years</b>
7.	<b>Compound wall</b>	<b>3 Years</b>
8.	<b>Building Work</b>	
	(i) Work pertaining to Sanitary work electrical works, Joinery works and painting work.	<b>2 Years</b>
	(ii) Work pertaining to the Building structure and other electrical works	<b>5 Years</b>
9.	<b>Electric work except for maintenance</b>	<b>3 years</b>
10.	<b>Sewer/Water supply including STP and water supply-related work except for maintenance works.</b>	<b>3 Years</b>

**1. ROAD-WORKS**

1.1 The Defect Liability Period (DLP) for all Road works excluding patch repair work shall be as per the above table. Road works executed by the Contracting agency shall be maintained by them at their own cost for completion (DLP) from the actual date of completion of work as per the clause in the Contract Agreement and Special Condition of the Contract.

1.2 No extra payment shall be made to the contracting agency on account of maintenance of Road works and removal of defect during the Defect Liability Period.

1.3 The word "Road Works" means all new Road Works construction, widening, strengthening, up-gradation and renewal works

1.4 The word "Maintenance of Road Works during Defect Liability Period" means

- (i) Routine maintenance of Road Works,
- (ii) To remove the defect as & when appear in part and the entire structure of Road Works, in the specified time and keeping the Road Surface with good riding quality and
- (iii) Damages due to improper drainage/drain, local flooding, depressions on roads etc.

1.5 The contracting agency shall do the routine maintenance of Road works, including pavement, road side and cross drains including surface drains to the required standards and keep the entire road surface and structure in Defect free conditions during the entire period of routine maintenance, which begins at the completion of the construction work and ends after complete (DLP).

1.6 The routine maintenance shall consist of the routine maintenance operation defined in the manual for the maintenance of roads of MoRTH and shall be carried out accordingly.

1.7 The routine maintenance activities and their periodicity.

S.No.	Name of Item/Activity	Frequency of operations in one year
1	Restoration of rain cuts and dressing of berms.	Once in a year, generally after rains.
2	Making up of shoulders.	As and when required.
3	Maintenance of Bituminous surface road and/or gravel road/WBM road including filling pot holes and patch repairs etc.	As and when required.
4	Insurance of proper functioning of drains including electrical maintenance and desalting of drains. (If constructed by the same Road agency or not)	As and when required.
5	Maintenance of road signs. (If installed by the same Road agency)	Maintenance as and when required. Repainting <b>once in every one and a half years.</b>
6	Road Marking, Kerb Stone / Dand. (If done by the same Road agency)	<b>Thermoplastic Paint</b> Maintenance as and when required. Repainting <b>once in everyone &amp; a half year.</b> <b>Ordinary Paint</b> Maintenance as and when required. Repainting <b>thrice in every year.</b>
7	Damages beyond the control of the agency.	Road cuts made by various agencies for utility, duly permitted by JDA / JNN will have to be repaired by the agency on the same rates of the contract agreement till DLP.

## 2. General

### 2.1 Inspection of works during the Defect Liability Period

2.1.1 The contracting agency shall undertake a joint detailed inspection along with Engineer-in-charge/A.En., at least once in three months in case of all Road works. The Engineer-in-charge can reduce this frequency in case of an emergency. The Contracting agency shall forward to the engineer in-charge the record of inspection and rectification immediately after the joint inspection. The Contracting agency shall pay particular attention to those road sections, which are likely to be damaged during rainy season.

2.1.2 One register has to be maintained by every AEN for recording the inspection details of works in his jurisdiction under defect liability period.

### 2.2 Conditions regarding Performance Security

#### 2.2.1 Security for DLP-

The contracting agency shall have to furnish Performance Security in the form of Bank Guarantee valid from the actual date of completion, which shall be assigned by the Engineer-in-charge.

2.2.2 The release of PS amount shall be as per following table 2 :-

S.No.	Released PS	DLP Period			
		1 Year	2 Years	3 Years	5 Years
1.	After 1 year	100%	40%	20%	10%
2.	After 2 year		60%	20%	10%
3.	After 3 year			60%	10%
4.	After 4 year				20%
5.	After 5 year				50%

The Performance Security will be released as per the above table after a satisfactory performance certificate issued by Engineer-In-Charge:-

#### 2.2.3 Forfeiture of Performance Security

In case the contracting agency fails to rectify the defects within the stipulated period notified to him by the Engineer-in-charge concerned under the contract agreement, the Engineer-in-charge shall serve a final notice for 5 days time reckoned from the date of issue of notice to rectify the defects. In case the contracting agency not responding to the notice and fails in the rectification of defects the Engineer-in-charge will get the defect removed at the risk and cost of the contracting agency. Action such as encashment of Bank Guarantee and action under enlistment rules etc. shall also be taken against the contracting agency by the competent authority.

#### 1.2.4 Force Majeure

The defect that arises due to earthquakes, cyclones, and natural calamities shall not be the responsibility of contracting agency.

**2.2.5 Various conditions 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, BT-1/2/3/5 years, Drain-3 years etc.
- (ii) If any work, amount is less than Rs. 25 lacs but later on due to extra/excess work, if amount of final work crosses more than Rs. 25 lacs, DLP shall be operative as per rule for each individual item.
- (iii) Similarly, if any work is more than Rs. 25 lacs but after finalization amount of work is less than Rs. 25 lacs, DLP should be operative for six months or rainy season whichever is later.
- (iv) During DLP period if contractor fails to repair any work even after the issue of 7 days written notice, the same work shall be got executed by the 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 his defaults twice in a single agreement or in two different works.
- (v) Quarterly Inspection as per rules shall be carried out and DLP registers shall be maintained by respective Executive Engineers to monitor the DLP repairs.
- (vi) Special and regular inspection shall also be carried out as per order no. JDA/XEN & TA to DE-I/2014-15/D-223 dated 12.03.2015 and order no. SE (PMGSY) CIRCULAR 2006/D-115 dated 04.05.2006 Point no. 3.
- (vii) In case JDA feels to take up work on any existing DLP road due to any reason, the following procedure should be adopted:
  - (a) At the time of withdrawal total liability of repairs as per DLP conditions to be carried out and the contractor shall be asked to complete the same. After completion of assessed repairs, DLP period shall be released after deduction amt. as per following table-III.

**Table-3**

% Recovery on withdrawal of DLP of work order	1 Year	2 Year	3 Year	4 Year	5 Year
DLP period					
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 a quarterly basis.**

- (b) In case the 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 the total retained amount of PS same shall be recovered from other works and as per PDR rules. The amount as per Table 3 is also to be deducted in addition to this amount.
  - (viii) Based upon the type of work, DLP conditions for works to be carried out during the DLP period with their frequency of the respective type of work shall be prepared by respective SE's after approval of these periods.
3. In case patch repairs/electrical maintenance works costing more than Rs. 10.00 Lakhs, defect liability period will as per clause 37(C) of Contract Agreement.

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

**Tender Inviting Authority: JAIPUR DEVELOPMENT AUTHORITY, JAIPUR**

**Name of Work : Annual Rate Contract (ARC) for Shifting/Dismantling of LT/HT lines and Electrification works in JDA Region, Jaipur.**

**Contract No: EE (ELECT-IV)/04/2025-26**

Name of the Bidder/ Bidding Firm/ Company :

**PRICE SCHEDULE**

**(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.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT With All Taxes in Rs. P	TOTAL AMOUNT In Words
1.00	Providing & Laying P.V.C. / XLPE insulated & P.V.C. sheathed Un-Armoured Aluminium cable confirming to IS:1554 P-I / IS :7098 P - I of 1.1 KV with H4- Grade electrolytic aluminium conductor confirming to IS 8130 of purity >99.6 %, Inner / outer sheath confirming to IS:5831 in existing RCC / Hume / Stoneware / PVC pipe/ open duct/cable trench / Cable tray (with cable tie) including testing etc. as required of following size. OEM must have it's own in house NABL accredited Laboratory for testing procedure as per IS:10810. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR					
2.00	10.0 Sq.mm 2 core Complete Rate Armoured	1600.000	Mtr.	111.00	177600.00	INR One Lakh Seventy Seven Thousand Six Hundred & Paise Zero Only
3.00	16.0 Sq.mm 4 core Complete Rate Armoured	1280.000	Mtr.	146.00	186880.00	INR One Lakh Eighty Six Thousand Eight Hundred Eighty & Paise Zero Only
4.00	70.0 Sq.mm 3.5 core Complete Rate Armoured	550.000	Mtr.	567.00	311850.00	INR Three Lakh Eleven Thousand Eight Hundred Fifty & Paise Zero Only
5.00	185.0 Sq.mm 3.5 core Complete Rate Armoured	4865.000	Mtr.	1327.00	6455855.00	INR Sixty Four Lakh Fifty Five Thousand Eight Hundred Fifty Five & Paise Zero Only
6.00	Supplying and making one end termination with Nickel plated heavy duty brass single compression gland (as per IS 12943-1990) SIBG type consisting of Check Nut, Gland Body, Metal Washer(3 Nos.), Outer Seal Rubber Ring, Compression Nut, heavy duty aluminium lugs (as per IS 8309 -1993) duly crimped with crimping tool, PVC tape as per IS 8337-1976 of following size of PVC insulated & PVC sheathed/ XLPE aluminium conductor cable of 1100 volt grade as required.All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .					
7.00	3.5 x 70.0 sq.mm Complete Rate	51.000	Per Set	382.00	19482.00	INR Nineteen Thousand Four Hundred Eighty Two & Paise Zero Only
8.00	3.5 x 185.0 sq.mm Complete Rate	256.000	Per Set	1072.00	274432.00	INR Two Lakh Seventy Four Thousand Four Hundred Thirty Two & Paise Zero Only

Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT With All Taxes in Rs. P	TOTAL AMOUNT In Words
9.00	Providing & Laying XLPE insulated three core Armoured Aluminium cable for working voltage 11 K.V.(E) confirming IS :7098 P - 2 with H4- Grade electrolytic aluminium conductor confirming to IS: 8130 class-2 of purity >99.6 %, Insulation Screening: Extruded Semiconducting Compound followed by helically wrapped Copper Tape, round / flat strip armouring of cables , Inner / outer sheath PVC type ST-2 confirming to IS:5831 in existing RCC / Hume / Stoneware / PVC pipe/ open duct/cable trench / Cable tray including testing etc. as required of following size. OEM must have it's own in house NABL accredited Laboratory for testing procedure as per IS:10810 All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .					
10.00	3 core 185.0 Sq.mm	3856.000	Mtr.	1904.00	7341824.00	INR Seventy Three Lakh Forty One Thousand Eight Hundred Twenty Four & Paise Zero Only
11.00	Providing & Laying XLPE insulated three core Armoured Aluminium cable for working voltage 33 K.V.(E) confirming IS :7098 P - 2 with H4- Grade electrolytic aluminium conductor confirming to IS: 8130 class-2 of purity >99.6 %, Insulation Screening: Extruded Semiconducting Compound followed by helically wrapped Copper Tape, round / flat strip armouring of cables , Inner / outer sheath PVC type ST-2 confirming to IS:5831 in existing RCC / Hume / Stoneware / PVC pipe/ open duct/cable trench / Cable tray including testing etc. as required of following size. OEM must have it's own in house NABL accredited Laboratory for testing procedure as per IS:10810 All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR . 3 core 300.0 Sq.mm Complete Rate Group 1	1000.000	Mtr.	3959.00	3959000.00	INR Thirty Nine Lakh Fifty Nine Thousand & Paise Zero Only
12.00	Providing & making heat shrinkable type indoor/outdoor/straight through terminations/ joint kit suitable for 11 KV / 33 KV (Earthed) cable with required components, preparation of cable ends. Type test report should be as per IS13573:2011 which covered all sequence for table 2 for termination kit and table 3 for streight through joint inclusive thermal & dynamic short circuit test, humidity test, soil fog test. Cross linking shall be done out side factory with E- beam/ peroxide technology. Extrusion process shall be in house OEM within same vicinity. including testing etc. as required of following sizes. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .					
13.00	11 KV End Termination Kit Indoor type 3 core 120/150/185 Sq.mm Complete Rate Group 1	30.000	Per Set	5862.00	175860.00	INR One Lakh Seventy Five Thousand Eight Hundred Sixty & Paise Zero Only
14.00	11 KV End Termination Kit Indoor type 3 core 240/300 Sq.mm Complete Rate Group 1	10.000	Per Set	6845.00	68450.00	INR Sixty Eight Thousand Four Hundred Fifty & Paise Zero Only
15.00	11 KV End Termination Kit Outdoor type 3 core 120/150/185/225 Sq.mm Complete Rate Group 1	32.000	Per Set	8063.00	258016.00	INR Two Lakh Fifty Eight Thousand Sixteen & Paise Zero Only

Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT With All Taxes in Rs. P	TOTAL AMOUNT In Words
16.00	11 KV End Termination Kit Outdoor type 3 core 240/300 Sq.mm Complete Rate Group 1	6.000	Per Set	9330.00	55980.00	INR Fifty Five Thousand Nine Hundred Eighty & Paise Zero Only
17.00	11 KV Straight Through Joint Kit 3 core 120/150/185/225 Sq.mm Complete Rate Group 1	22.000	Per Set	12076.00	265672.00	INR Two Lakh Sixty Five Thousand Six Hundred Seventy Two & Paise Zero Only
18.00	11 KV Straight Through Joint Kit 3 core 240/300 Sq.mm Complete Rate Group 1	14.000	Per Set	14357.00	200998.00	INR Two Lakh Nine Hundred Ninety Eight & Paise Zero Only
19.00	33 KV End Termination Kit Outdoor type 3 core 240/300/400 Sq.mm Complete Rate Group 1	8.000	Per Set	10332.00	82656.00	INR Eighty Two Thousand Six Hundred Fifty Six & Paise Zero Only
20.00	33 KV Straight Through Joint Kit 3 core 185/240/300 Sq.mm Complete Rate Group 1	8.000	Per Set	21657.00	173256.00	INR One Lakh Seventy Three Thousand Two Hundred Fifty Six & Paise Zero Only
21.00	Supply and installation of spike of M.S. rod 20mm dia 3.0mtr. long for earthing of (tower/pole) drive into earth by mechanical means structure connection the spike with cross arm top hamper PCC pole, lattices tower to earth etc. complete as per technical specification of DISCOM. Complete Rate Group 1	192.000	Per Set	1819.00	349248.00	INR Three Lakh Forty Nine Thousand Two Hundred Forty Eight & Paise Zero Only
22.00	Supply & Laying following size earth wire in horizontal or vertical run in ground/surface/recess including riveting, soldering, saddles, making connection with GI/Cu purity purity >95% thimble etc. as required. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .					
23.00	8 SWG G.I. ( Hot Dipped ) Wire Complete Rate group-I	576.000	Mtr.	20.00	11520.00	INR Eleven Thousand Five Hundred Twenty & Paise Zero Only
24.00	Supply & Laying following size ' B ' class , G.I. Pipe confirming to IS : 1239 P - 1 ( 2004 ) with accessories like bend, socket etc. for laying earth conductor/ strip / cable in ground/ surface/ recess as required. All as per pre approved by Engineer in charge. (Earth Excavation will be Paid Extra)All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annex ure "A" attached with this BSR .					
25.00	150 mm dia. Complete Rate group-I	485.000	Mtr.	2575.00	1248875.00	INR Twelve Lakh Forty Eight Thousand Eight Hundred Seventy Five & Paise Zero Only
26.00	Supply and erection of P.C.C. pole as per REC manual no 15/1979 (ammended upto date) and as per latest Discom specifications with factor of safety 2.5 including excavation of pit upto pole planting depth 1/6th of pole length. and back filling with stone aggregate/boulders and soil by ramming and watering etc complete as required. All as per pre approved by Engineer in charge.For additional technical parameters of product / work refer Annexure 'A' attached with this BSR					
27.00	9.0 Mtr long PCC pole of 200 Kg Working Load Complete Rate Group 1	232.000	Each	5037.00	1168584.00	INR Eleven Lakh Sixty Eight Thousand Five Hundred Eighty Four & Paise Zero Only

Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT With All Taxes in Rs. P	TOTAL AMOUNT In Words
28.00	Supply and erection of GI stay set conforming to pattern-1 of BS:16/1974 and as per latest Discom Specifications complete with stay rod with anchor plate fitted with cast iron cross head and steel bow, in cement concrete 1:3:6 including excavation of pit-re-filling etc complete as reqd. All as per pre approved by Engineer in charge.For additional technical parameters of product / work refer Annexure 'A' attached with this BSR. Stay set of dia 16mm, 1.8m long stay rod and anchor plate 300 x 300 x 4.0 mm	64.000	Each	836.00	53504.00	INR Fifty Three Thousand Five Hundred Four & Paise Zero Only
29.00	Supply and fixing of following LT Supporting accessories with nut bolt & Clamps made out as per standard Discom's specifications with two coats of Red oxide and two coats of Aluminium paint etc. as required. All as per pre approved by Engineer in charge.For additional technical parameters of product / work refer Annexure 'A' attached with this BSR					
30.00	LT cross arm 600 mm long with clamp	96.000	Each	460.00	44160.00	INR Forty Four Thousand One Hundred Sixty & Paise Zero Only
31.00	LT cross arm 1200 mm long with clamp	320.000	Each	787.00	251840.00	INR Two Lakh Fifty One Thousand Eight Hundred Forty & Paise Zero Only
32.00	Supply and fixing of LT porcelain pin insulator as per IS 1445-1997 and as per Discom's standard specifications,suitable for working voltage 1100 volts including all accessories like MS Forged GI LT Pin confirming to IS:7935/1975 (latest amended) Nut, Bolt etc. as required. All as per pre approved by Engineer in charge.For additional technical parameters of product / work refer Annexure 'A' attached with this BSR 100 mm x 70 mm	1600.000	Each	107.00	171200.00	INR One Lakh Seventy One Thousand Two Hundred & Paise Zero Only
33.00	Supply and fixing of LT porcelain shackle insulator as per IS:1443 1979 and as per Discom's standard specifications, suitable for working voltage 1100 volts including all accessories like GI Hardware fittings confirming to IS:7935/1975 (latest amended) Nut, Bolt etc. as required. All as per pre approved by Engineer in charge.For additional technical parameters of product / work refer Annexure 'A' attached with this BSR. 100mm x 110mm	64.000	Mtr.	119.00	7616.00	INR Seven Thousand Six Hundred Sixteen & Paise Zero Only
34.00	Supply and fixing of 'V' type cross arms with top hamper and clamps as per latest Discom specifications made of MS angle on the existing poles complete including all necessary nut and bolt, clamps with two coats of Red oxide and two coats of Aluminium paint etc. as required. All as per pre approved by Engineer in charge.For additional technical parameters of product / work refer Annexure 'A' attached with this BSR	166.000	Each	1417.00	235222.00	INR Two Lakh Thirty Five Thousand Two Hundred Twenty Two & Paise Zero Only
35.00	Supply and fixing of top hamper on the existing pole as per latest Discom specifications complete including nut bolts with two coats of Red oxide and two coats of Aluminium paint etc as required. All as per pre approved by Engineer in charge.For additional technical parameters of product / work refer Annexure 'A' attached with this BSR.					
36.00	Vertical type, 11 kV (.7m long) (65 x 65 x6mm angle)	14.000	Each	275.00	3850.00	INR Three Thousand Eight Hundred Fifty & Paise Zero Only

Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT With All Taxes in Rs. P	TOTAL AMOUNT In Words
37.00	Supply and fixing of MS. Channel Bracket with clamp as per Discom Specifications including Nut, Bolt with two coats of Red oxide and two coats of Aluminium paint etc. as Required. All as per pre approved by Engineer in charge.For additional technical parameters of product / work refer Annexure 'A' attached with this BSR 1.4 Mtr. Long	8.000	Each	1676.00	13408.00	INR Thirteen Thousand Four Hundred Eight & Paise Zero Only
38.00	Supply and fixing of 11 kV pin insulator confirming to IS:731:1971 with latest ammendment on existing bracket including all accessories like MS forged hot dipped GI Pin confirming to IS 2486(Part-I)/1993 & IS:2486 (Part-II)/1989 with latest amendment, and as per latest Discom specs. etc. as required. All as per pre approved by Engineer in charge.For additional technical parameters of product / work refer Annexure 'A' attached with this BSR	320.000	Each	175.00	56000.00	INR Fifty Six Thousand & Paise Zero Only
39.00	Supply and fixing of 11kV, 400 Amp 3 pole, 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 Discom specification etc. as required. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .	10.000	Each	22632.00	226320.00	INR Two Lakh Twenty Six Thousand Three Hundred Twenty & Paise Zero Only
40.00	Supply and fixing Substation structure for mounting 11/0.4 Kv Transformer on Double pole 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 etc. as required. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .	8.000	Each	18245.00	145960.00	INR One Lakh Forty Five Thousand Nine Hundred Sixty & Paise Zero Only
41.00	Providing and fixing of single pole mounted substation structure set for isolator / single phase transformer 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 ). Etc. as required. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .	4.000	Each	3539.00	14156.00	INR Fourteen Thousand One Hundred Fifty Six & Paise Zero Only
42.00	Supply & Erection of M S lattice structure of height 11.0 mtr as per DISCOMs approved design & details in alignment, including painting of tower of approved make two coat of red oxide paint and one coat of aluminium paint before installation and one coat of Aluminium paint after erection work completed as per technical specifications & drawing of DISCOM. (Excavation of pit PCC and CC foundation as per Discom specs. to be Paid Extra) All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR	8.000	Each	46560.00	372480.00	INR Three Lakh Seventy Two Thousand Four Hundred Eighty & Paise Zero Only
43.00	Add extra in item no. 1 to 4 for Laying Charges for cable through Manual Boggi by making pit at regular interval and repairing the pit after laying of cable with PCC/ Bitumin as required.	5685.000	Mtr.	114.00	648090.00	INR Six Lakh Forty Eight Thousand Ninety & Paise Zero Only

Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT With All Taxes in Rs. P	TOTAL AMOUNT In Words
44.00	SITC of 11kV 630 Amps 21KA for 3 Sec. SF6 insulated, outdoor duty (IP54) , Extensible / Non extensible type Ring main unit (RMU) manually operated in combination of VCB modules and Load Break switch consisting of Copper busbar in SF6 insulated 304 (Non-Ferrite Non-Magnetic Grade) stainless steel enclosure of thickness 2.5mm with manometer. The HV switchgear and control gear should be conforming to IEC-62271-100, IEC-62271-200-2003 & IEC-60694-1996. The RMU should be internal arc tested for 21KA for 1Second with IAC-AFL classification for gas tank. Vacum Interrupter of VCB should be RMU Manufacturer's own make. Each feeder of RMU should have voltage presence indicator. . and comprising of followings:- 1 no. microprocessor based Self powered numerical relay with over Current/ earth fault & short circuit protection with each VCB feeder. - 3 Nos. Protection CT shall be of Burden 2.5VA, ratio 50/1A, Class of Accuracy class 5P10 for O/C and E/F protection for each VCB.- 1 No. Manometer for each tank,- 1 nos. Fault Passage indicator,-Right angle boots for all the feeder Modules All the type test certificates as per IEC from Third party NABL / CPRI / ERDA accredited lab to be submitted. (Cost of RCC Foundation / Steel Structure to be paid Extra) All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR					
45.00	Extensible 3 way RMU with 1 no. VCB & 2 No. Load Break Switch	8.000	Per Set	465880.00	3727040.00	INR Thirty Seven Lakh Twenty Seven Thousand Forty & Paise Zero Only
46.00	Supply & fabrication steel structure with MS channel / angle / joist / ISMB / sheet etc. including welding, rivetting, cutting, nut & bolt , one coat of primer & two coat of enamel paint etc. as required complete in all respect. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR	6450.000	Kg	135.00	870750.00	INR Eight Lakh Seventy Thousand Seven Hundred Fifty & Paise Zero Only
47.00	Supply and fixing of LT Distribution Kiosk confirming to IS:13947/1993/ IEC 60947 Pt.3 amended up-to-date and as per DISCOM specifications 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 Incoming Switch Disconnecter Fuse unit, Aluminium Busbar with copper one piece U contacts base, brass studs and nuts, copper busbar for main and interconnection, MS Channel frame of 75 mm x 40 mm grouted with C.C. of M-10 grade to achieve the height of 1.5 feet above the road level suitable for required no. outgoing. All as per pre approved by Engineer in charge.For additional technical parameters of product / work refer Annexure 'A' attached with this BSR					
48.00	200 Amp. LT Distribution Kiosk for 63/100 KVA Transformer	48.000	Each	37639.00	1806672.00	INR Eighteen Lakh Six Thousand Six Hundred Seventy Two & Paise Zero Only
49.00	400 Amp. LT Distribution Kiosk for 250/315 KVA Transformer	24.000	Each	64700.00	1552800.00	INR Fifteen Lakh Fifty Two Thousand Eight Hundred & Paise Zero Only
50.00	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. All as per pre approved by Engineer in charge.For additional technical parameters of product / work refer Annexure 'A' attached with this BSR					

Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT With All Taxes in Rs. P	TOTAL AMOUNT In Words
51.00	50 Sqmm of (6+1) 3.35 mm (Insulated Rabbit) for LT	8500.000	Mtr.	92.00	782000.00	INR Seven Lakh Eighty Two Thousand & Paise Zero Only
52.00	30 Sqmm of (6+1) 2.59mm (Weasel)	9500.000	Mtr.	40.00	380000.00	INR Three Lakh Eighty Thousand & Paise Zero Only
53.00	Supplying and drawing of XLPE insulated LT Aerial bunched Aluminium conductor cable conforming to IS 14255/1995 and IS 398 (Pt-4)/ 1994 and as per Discom Specs. on existing cross arms through I hook with all necessary T&P required including binding and twisting etc. complete in all respect as required. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .					
54.00	3 X 25 sq. mm. + 1X25 sq. mm. (insulated)	1600.000	Mtr.	123.00	196800.00	INR One Lakh Ninety Six Thousand Eight Hundred & Paise Zero Only
55.00	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					
56.00	L.T. Cable above 35Sqmm	1600.000	Mtr.	31.00	49600.00	INR Forty Nine Thousand Six Hundred & Paise Zero Only
57.00	L.T. cross arms	64.000	Mtr.	7.00	448.00	INR Four Hundred Forty Eight & Paise Zero Only
58.00	L.T. PIN insulator	64.000	Nos.	5.00	320.00	INR Three Hundred Twenty & Paise Zero Only
59.00	L.T. Shackle insulator	64.000	Nos.	5.00	320.00	INR Three Hundred Twenty & Paise Zero Only
60.00	PCC Pole	96.000	Nos.	155.00	14880.00	INR Fourteen Thousand Eight Hundred Eighty & Paise Zero Only
61.00	ACSR Weasel/Rabiiit conductor	3200.000	Mtr.	0.70	2240.00	INR Two Thousand Two Hundred Forty & Paise Zero Only
62.00	ACSR Dog conductor	1600.000	Mtr.	1.00	1600.00	INR One Thousand Six Hundred & Paise Zero Only
63.00	Horn gape set	8.000	Nos.	300.00	2400.00	INR Two Thousand Four Hundred & Paise Zero Only
64.00	isolator	8.000	Nos.	335.00	2680.00	INR Two Thousand Six Hundred Eighty & Paise Zero Only
65.00	Post insulator	10.000	Nos.	25.00	250.00	INR Two Hundred Fifty & Paise Zero Only
66.00	Other steel items	320.000	Kg	1.25	400.00	INR Four Hundred & Paise Zero Only
67.00	Lattice Tower	4.000	Nos.	987.00	3948.00	INR Three Thousand Nine Hundred Forty Eight & Paise Zero Only
68.00	11KV cross arm	30.000	Nos.	12.30	369.00	INR Three Hundred Sixty Nine & Paise Zero Only
69.00	11 KV Top Hampars	10.000	Nos.	10.00	100.00	INR One Hundred & Paise Zero Only
70.00	11KV disc insulators	16.000	Nos.	4.50	72.00	INR Seventy Two & Paise Zero Only
71.00	11KV disc H/W	16.000	Nos.	4.75	76.00	INR Seventy Six & Paise Zero Only
72.00	11KV pin insulators	16.000	Nos.	3.50	56.00	INR Fifty Six & Paise Zero Only
73.00	LT Pillar Box	4.000	Nos.	800.00	3200.00	INR Three Thousand Two Hundred & Paise Zero Only
74.00	11/0.4 KV transformer	4.000	Each	530.00	2120.00	INR Two Thousand One Hundred Twenty & Paise Zero Only

Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT With All Taxes in Rs. P	TOTAL AMOUNT In Words
Total in Figures					<b>34430985.00</b>	INR Three Crore Forty Four Lakh Thirty Thousand Nine Hundred Eighty Five & Paise Zero Only
Quoted Rate in Figures			Select		0.00	INR Zero Only
Quoted Rate in Words	<b>INR Zero Only</b>					