

जयपुर विकास प्राधिकरण, जयपुर

कमरा नं. 102, प्रथम तल, नागरिक सेवा केन्द्र, रामकिशोर व्यास भवन, इन्दिरा सर्किल जवाहर लाल नेहरू मार्ग, जयपुर-302004

दूरभाष : + 91-141-2569696, ई-मेल : BHANWARSINGH.JDA@RAJASTHAN.GOV.IN

क्रमांक: जविप्रा/अधि.अभि.(विद्युत-III)/जॉब नं. 078/2023-24/डी-208

दिनांक: 16.06.2023

निविदा सूचना

निविदा सूचना: जविप्रा-12/2023-24

जयपुर विकास प्राधिकरण द्वारा Maintenance of Traffic signals and ATCS system in Jaipur City. जिसकी अनुमानित लागत राशि रु **450.00 लाख** के लिए ऑनलाईन बिड्स दिनांक 06.07.2023 को सायं 6:00 बजे तक आमन्त्रित की जाती है। निविदा बोली का ऑनलाईन आवेदन व भुगतान जविप्रा पोर्टल पर करने की अन्तिम तिथि. 06.07.2023 को सायं 6.00 बजे तक है। निविदा बोली के दस्तावेजों का विस्तृत विवरण www.sppp.rajasthan.gov.in, www.eproc.rajasthan.gov.in and www.jda.urban.rajasthan.gov.in पर देखा जा सकता है।

(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 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 पर पंजीकृत हो।

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

JAIPUR DEVELOPMENT AUTHORITY

कमरा नं. 102, प्रथम तल, नागरिक सेवा केन्द्र, रामकिशोर व्यास भवन, इन्दिरा सर्किल जवाहर लाल नेहरू मार्ग, जयपुर-302004

दूरभाष : + 91-141-2569696, ई-मेल : BHANWARSINGH.JDA@RAJASTHAN.GOV.IN

No:- JDA/EE-(Elect.-III)/Job No. 078/2023-24/D-208

Dated: 16.06.2023

NOTICE INVITING BID

NIB No.: 12/2023-24

UBN No.:

Online Bids are invited up-to 6:00 PM of 06/07/2023 for “Maintenance of Traffic signals and ATCS system in Jaipur City”. The last date for Applying Bid and making online payment on JDA portal is up-to 6:00 PM of 06/07/2023. The estimated cost of NIB is Rs. **450.00 Lacs** Details may be seen in the Bidding Document at our office or the State Public Procurement Portal website www.sppp.rajasthan.gov.in, www.eproc.rajasthan.gov.in and www.jda.urban.rajasthan.gov.in/jda

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

Executive Engineer-(Elect.-III)

JDA, Jaipur

OFFICE OF THE JAIPUR DEVELOPMENT AUTHORITY, JAIPUR

NIB No.- 12/2023-24	
Name & Address of the Procuring Entity	➤ Name: Executive Engineer (Elect.-III), Jaipur Development Authority ➤ Address: Room No. CCC FF-121, CCC building, Ram Kishore Vyas Bhavan, Indira Circle, Jawahar Lal Nehru Marg, Jaipur – 302004 ➤ BHANWARSINGH.JDA@RAJASTHAN.GOV.IN
Name of work	➤ Maintenance of Traffic signals and ATCS system in Jaipur City
Bid Procedure	➤ Two Bid eBid procedure at http://eproc.rajasthan.gov.in
Bid Evaluation Criteria (Selection Method)	➤ (eg. Least Cost Based Selection (LCBS)-L1)
Websites for downloading Bidding Document, Corrigendum's, Addendums, etc.	➤ Websites: www.sppp.rajasthan.gov.in , www.eproc.rajasthan.gov.in , www.jda.urban.rajasthan.gov.in
Estimated Procurement Cost	➤ INR 450.00 Lacs (Rupees Four Crore Fifty Lacs only)
Website for online Bid application and payment *	➤ Website: www.jda.urban.rajasthan.gov.in ➤ For participating in the Bid, the Bidder has to apply for this Bid and pay the Bidding Document Fee, RISL Processing Fee and Bid Security Deposit, online only. ○ Bidding document fee: Rs. 1000/- (Rupees One Thousand only) ○ RISL Processing Fee: Rs. 2000/- (Rupees Two Thousand only) ○ Requisite Bid Security Deposit. ○ The Bidders are required to submit Bid security, cost of Bidding documents, and Bid processing fees through online payment after registering with JDA on www.jaipurjda.org/e-services/e-tender portal. There should be a gap of 3 working days between the End date for Bid Applying, Online Payment & Bid Submission and Bid Opening date. 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
Bid Security Deposit (in favor of Secretary, JDA, Jaipur)	➤ Amount (INR: 2% (Rs. 9,00,000/-) For A & AA 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) ➤ 0.5 % (Rs. 2,25,000/-) for Bidder registered as a contractor in the E-I, , class in JDA. ➤ 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. ➤ If a joint Venture is allowed in the Bid then 2% shall be deposited by bidders (Joint Venture firm)
Start/ End Date for Bid Applying Bid and making Online Payment on JDA portal*	➤ Start Date: 16/06/2023 at 04:30 PM onwards ➤ End Date: 06/07/2023 at 06:00 PM ➤ In case EMD in form BG Original Bank Guarantee is to be submitted in Room No CCC FF 127, Jaipur Development Authority, JLN Marg, Jaipur by 07.07.2023, 10.07.2023 & 11.07.2023 up to 3.30 PM (within three working days from the last date of submission of bid.)
Bid Submission on e-Procurement Portal of GOR**	➤ Start Date: 16/06/2023 at 04:30 PM onwards ➤ End Date: 06/07/2023 at 06:00 PM ➤
Date/Time/Place of pre-Bid	➤ N/A
Date/ Time/ Place of Technical Bid Opening	➤ 12/07/2023 11:30 AM ➤ Room No CCC FF 127, Jaipur Development Authority, JLN Marg, Jaipur
Date/ Time/ Place of Financial Bid Opening	➤ The Financial Bid envelope would be opened only of those bidders who fulfil the ELIGIBILITY criteria.
Bid Validity	➤ 120 days from the bid submission deadline
Time Period	➤ 12 (Twelve) Months
A&F/Job No.	➤ Job. No. 078/2023-24

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 alongwith 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

JAIPUR DEVELOPMENT AUTHORITY JAIPUR
GUIDELINES OF THE CONTRACT FOR ELIGIBILITY OF CONTRACTORS

NAME OF WORK: - Maintenance of Traffic Signals and ATCS system in Jaipur City

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

1. Procedure:

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

- (a) Tender document shall be submitted on line e-procurement website <http://www.eproc.rajasthan.gov.in> with their digital signature. The bid is to be submitted in 2 envelop which shall comprise of Envelop-1 being for Technical Bid (Eligibility conditions, EMD, Registration of Contractors, tender document) and Envelop-2 being for Financial Bid & BOQ.
- (b) The Tender fee, processing fee and earnest money will be deposited online on or before **06.07.2023**.
- (c) The Bid envelope would be opened on the date **12.07.2023** at 11.00 AM Room No. CB FF-121, Citizen Care Building, Ram Kishore Vyas Bhawan, Indira Circle, JawaharLal Nehru Marg, Jaipur–302004 (Rajasthan)
- (d) The Financial Bid envelope would be opened only of those bidders who fulfil the ELIGIBILITY criteria in technical bid.

Executive Engineer (Elect-III)
JDA, Jaipur

Eligibility Criteria:

1. The Traffic Signal work in Jaipur City for Area Traffic Control System (ATCS) & UTCS is specialized nature of work. The Bidder who has completed/ executed at least (33% of bid value) one work of Installation of Traffic Signals/ Installation of Trafficcam/PTZ cameras/Traffic Signal or Maintenance of Traffic Signals & ATCS System in last Seven financial year and should be having experience of minimum 2 years in similar nature work. The Bidder has to submit the scan copy of experience certificate in the E-tender along with eligibility criteria.
2. The Bidder should be a Technology Partner of CDAC for ATCS & UTCS System and also having authorization to use CDAC Technology & having original license softwares CoSiCoSt of CDAC and attach the copy of these documents with bid.
3. Bidder registered as contractor in class E-I in JDA or contractor registered in AA, A or relevant category class in other Govt. Department/Manufacturer of Traffic Signals & ATCS System or any firm/ vender registered under company act for similar nature works.
4. The firm should ensure the availability of separate fiber for each junction to Yadgaar @ 100 Mbps for higher speed data transfer to uninterrupted video capture and traffic system. The Bidder shall furnish the undertaking in the E-tender along with the Bid.
5. The bidder/any one of JV partner shall necessarily have "A" class electrical license issued by electrical inspectorate of Govt. of Rajasthan/ Central Inspectorial Organization of Govt. of India/ Other state. The bidder should possess "A" class electrical license as stated above. After award of the contract, the bidder must have valid electrical contractor license issued by the Govt. of Rajasthan. The Bidder shall furnish an undertaking along with bid to submit "A" class electrical contractor license issued by Govt. of Rajasthan within 30 days after issued of work order. In case of not furnishing the valid electrical license issued by Govt. of Rajasthan in said time, bid security 2% and additional performance guarantee of the firm shall be forfeited.
6. JV is allowed.

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

Joint venture will be applicable as follows:-

In case the bidder comprise a joint venture or consortium following requirements shall also be complied with:-

- A. The total number of joint venture partners shall not exceed 2 (two). They must designate lead partner duly authorized by all the members who will re-present the J.V any of the two partners can be lead partner. The lead partner shall be nominated as being partner in charge and this authorization shall be evidenced by submitting power of attorney signed by the legally authorized signatories of all the partners.
- B. The partner in-charge (or, the lead partner) shall be authorized to incur liabilities and to receive instructions on the behalf of the partners of the J.V whether jointly or separately and entire execution of the contract (including payment) shall be carried out exclusively through the partner in-charge.
- C. The share of one of the two partners shall not be less than 26% and rest of the share shall be held by other partner (for example o/if share of one partner is 26% then of other partner it will be 74%). The JDA will only send communication to the lead partner which will be deemed to have been sent of all the J.V. partners. Similarly any negotiation and/or agreement with the lead partner shall be deemed to have been concluded with all the J.V. partners. All the members of J.V shall be bound by the said communication and all acts/deeds of the lead member.
- D. Any one of the two partners, alone, should fulfil the technical criteria. Similarly any one of the two partners, alone, should fulfil the financial criteria. For rest of the eligibility criteria qualifications of the two partners may be clubbed together.
- E. The individual partner of J.V alone or with other partners cannot participate in the same bid.
- F. Bid capacity is to be calculated by clubbing turn over and work in hand of all the joint venture firms.
- G. Attested copy of the MOU/Agreement/power of attorney entered in by the joint venture / consortium members duly notarized, shall be submitted along with the bid with intended percentage participation nomination of lead member and division of responsibility to clearly define the work of each member etc.
- H. All the members of the joint venture/consortium shall be jointly and severally liable for the execution of the contract.
- I. In the event of default by any member of the joint venture/ consortium in the execution of his part of the contract the partner in-charge will have the authority to assign the work to any other party acceptable to the employer to ensure the execution of the part of contract.
- J. If initially the bid has purchased and submitted by the any partner or by the JV firm in case of JV bid accepted the work order will be issued in favour of name of JV and the bidder will submit details of JV bank account to which payment is to be deposited by JDA.
- K. The experience certificate will be issued as per percentage of the shareholders defined in the JV agreement of the two partners.

Executive Engineer (Elect-III)
JDA, Jaipur

Name of Work:- Maintenance of Traffic Signals and ATCS system in Jaipur City

Special Terms and conditions of the contract (For Traffic Signal Work)

1. The work comprises all in all maintenance of UTCS controller based traffic signals including their accessories like controller unit, LED lights, Poles, Head assemblies etc. as per schedule 'G'
2. The contractor shall follow the maintenance schedule mentioned as below;
 - a) Daily;
 - I. Collection of report from each crossing and recording the defects and time taken for rectification in log-book (as per Performa).
 - II. Making contract with J.E. & Police persons on duty.
 - b) Weekly;

Checking of operation of various components like controller unit LED light etc.
 - c) Fortnightly;
 - I. Tightening all connections in the connectors/controller unit etc.
 - II. Cleaning of signal head assemblies with lenses including outside of signal assemblies.
 - d) Monthly;

Submission of copies of log-books
 - e) Six monthly

Testing of cables by megger & tightening of cable termination.
3. The system remains in operation round the clock.
4. Attending of faults and rectification thereof;

S.No.	Nature of fault	By whom to be attending and responsibility	Period of rectification
1.	Defect in LED Light	Contractor	Same day
2.	Blown up fuse wire	Contractor	Same day
3.	Defect in Controller unit/Cable Fault	Contractor	Same day
4.	Failure of supply from JVVNL/ Disconnection due to non payment	JVVNL/JNN The contractor shall lodge the complaint with responsible department and will pursue to get the supply released. The contractor will intimate to the department in writing about the cause of failure	No payment shall be made for disconnection period
5.	Damage of controller, posts, signal head assemblies, LED, lights, count downs due to road accident/Natural calamities/Theft.	The contractor will not be responsible for any damages. However the contractor will intimate to the department in writing and lodge F.I.R. Necessary action will be taken by the department for repairing the damaged items.	No payment shall be made till crossing is again put in working order. To be rectified in Five days.
6.	Damaged of cables	The contractor will be not responsible for damages of cables. However the contractor will intimate to the department in writing and lodge F.I.R. and department will take necessary action to replace the damaged cables.	No payment shall be made till crossing is again put in working order. To be rectified in Five Days.

5. The period allowed for rectification is to be observed strictly and no compensation shall be applicable if the faults are not rectified within the prescribed period. The contractor shall be liable to pay the compensation on failure to rectify the defects within the prescribed period amounting to Rs. 1000/- per point/crossing per day.

6. In Order to ensure the uninterrupted and smooth functioning of system the contractor is supposed to keep the spares and material 10% of the quantity fixed at site in his stock at all time.
7. Following items and quantities their of should always be available with the contractor.
 - I. LEDs - 5000 Nos.
 - II. SMPS - 50 Nos.
 - III. Mother Baord - 50 Nos.
 - IV. Acrylic Sheet - 50 Nos.
 - V. Transformers - 50 Nos.
 - VI. Relays - 100 Nos.
 - VII. Wire of required size one coil of each size.
 - VIII. Fuse wire - Sufficient Quantity
 - IX. 12 Volt Battery - 100 Nos.
8. The contractor should keep all the T&P required for the work with him contractor shall provide mobile phone voice-talky to his staff. The contractor is also supported to engage the following staff.
 - I. Three qualified engineer to Electronics / Computer
 - II. Seven skilled electric personnel
 - III. Six un-skilled labour
9. The Contractor will not be responsible for any loss to the Equipment's of Traffic Signals such as controller, poles, signal Head Assemblies, LED lights, Countdowns, Cables etc. due to road accidents/natural calamities/theft/road cutting by the third party etc.
10. The contractor shall maintain the log-book in the following Performa.

S.No.	Location	Nature of fault	Time	Time taken in rectification	Material used
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The contractor is supposed to keep a close liasioning with the Junior Engineer, Assistant Engineer, Traffic Inspector for the smooth functioning of the system.

In case the contractor fail to follows all above or any of the conditions and instruction the contractor shall be liable to be terminated.

11. The payment shall be made on monthly basis after receiving the log-book from the contractor and measurement checked by the J.E/A.E.
12. The number of crossing to be maintained can be increased/decreased as per requirement.
13. The contractor shall furnish name of various work of similar nature executed by him during the last two years and shall also enclose the certificate of satisfactory work. In the absences of such documents tender will not be accepted.
14. Contractors should have own sky lift registered with own name because traffic lights and camera under ATCS work installed on cantilever pole and its height 7.5 Mtr. Above from ground so sky lift is needed any time of work and contractor will provide copy of Registration Certificate along with the tender documents and contractor should also have TATA 407, commercial use truck and should have at least 6 nos. two wheeler vehicle which is use only in maintenance services. No extra cost to be given by the Department.
15. **The firm should ensure the availability of separate fiber for each junction to Yadgaar @ 100 Mbps for higher speed data transfer to uninterrupted video capture and traffic system. It shall be responsible for any damages & defect in fiber and resolve defect as and when they come immediately.**
16. The firm will hand over the Microprocessor, UTCS, Solid State controller & count town timer, Blinkers & traffic signals in good working condition to the department/new contractor at the end of the contract period.
17. The components to be used in maintenance work of whole system should be of approved make mentioned in tender schedule and It is to be inspected by AEN or undersigned. Use of any substandard component will lead to penalty of Rs. 5000/- each component. It may be inspected by higher authority (SE/ACE/DE) also.
18. Contractor will provide M&R staff and store/space near to site.

Signature of Contractor

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

Name of work:- Maintenance of Traffic Signals and ATCS system in Jaipur City

Special terms and conditions of the contract (For ATCS work)

1. The work comprises all in all maintenance of ATCS including their accessories like full system existing in room no. 51, Yadgar, Controller unit based on Composite Signals control Strategy (CoSiCoSt) software and Vicon Cameras with authorized license and Vicon cameras. The details of Items & softwares installed in control room are as under which are also to be maintained by the contractor.
 - 1) Softwares
 - i. CoSiCoSt
 - ii. Linux
 - iii. Post gres 8.3
 - iv. JDK1.6 (JAVA)
 - v. ATCS
 - vi. TOMCAT
 - vii. ATCS DS & HMI
 - viii. ATCHMI
 - ix. Recorder Vicon
 - x. Vicon Viewer
 - xi. Vicon Nucleus
 - xii. Vicon Recorder & Viewer
 - 2) ATCS Server - 1
 - 3) Vicon Server - 1
 - 4) RAID Controller - 1
 - 5) Router - 1
 - 6) Switch - 1
 - 7) Operator Consol - 3
 - 8) LCD TV – 50” - 4
 - 9) A.C. - 1
 - 10) UPS (5KV) - 1
2. The contractor shall follow the maintenance schedule mentioned as below;
 - a) Daily;
 - I. Collection of report from each crossing and recording the defects and time taken for rectification in log-book (as per performa). (For Controllers and Cameras only)
 - II. Making contract with J.E. & Police persons on duty.
 - b) Weekly;
Checking of operation of various components like controller unit Cameras, Full system and updating of Software if required.
 - c) Monthly;
Submission of copies of log-books
3. The system remains in operation round the clock.
4. Attending of faults and rectification thereon;
The faults have been classified in the following schedule showing the responsibility of attending and rectification in prescribed period;

Sl.No.	Nature of fault	By whom to be attending and responsibility	Period of rectification
1.	Blown up fuse wire	Contractor	Same day
2.	Defect in Camera	Contractor	Same day
3.	Failure of supply from JVVNL/ Disconnection due to non payment	JVVNL/JNN But the contractor shall lodge the complaint with responsible department and will pursue to get the supply released. The contractor will intimate to the department in writing about the cause of failure	No payment shall be made for disconnection period
4.	Damage of Cameras due to road accident/Natural Calamities/Theft etc.	The contractor will be not responsible to any loss to Cameras. However the contractor will intimate to the department in writing and lodge F.I.R. and necessary action will be taken by the department to replace the damaged Cameras.	No payment shall be made only if completed crossing remains non functioning. To be rectified in Five days.
5.	Damaged of cables	The contractor will be not responsible for any damages of cables. However the contractor will intimate to the department in writing and	No payment shall be made till crossing is again put in working

		lodge F.I.R. and action will be taken by the department for replacing the cables.	order. To be rectified in Five days.
6.	Damage/Theft of U.P.S. Batteries	The contractor will intimate to the department in writing and lodge F.I.R.	Batteries will be replaced by Department.

5. The period allowed for rectification is to be observed strictly and no compensation shall be applicable if the faults are not rectified within the prescribed period. The contractor shall be liable to pay the compensation on failure to rectify the defects within the prescribed period amounting to Rs. 200/- per point/crossing per day.
6. In Order to ensure the uninterrupted and smooth functioning of system the contractor is supposed to keep the spares and material 10% of the quantity fixed at site in his stock at all time.
7. The contractor should keep all the T&P required for the work with him contractor shall provide mobile phone voice-talky to his staff. The contractor is also supported to engage the following staff.
 - I. One qualified Engineer to Electronics & Computer, A.T.C.S.
 - II. One qualified Supervisor/ One qualified Engineer
 - III. Two skilled Electric personnel knowledge of surveillance cameras.
 - IV. Two un-skilled labour
8. The contractor will be not responsible for any loss cameras/cables etc. due to road accidents/natural/ calamities/Theft/Road cutting by third party etc. The contractor shall maintain the log book in the following performa:

Sl.No.	Location	Nature of Fault			Time	Time taken in rectification	Material used
		Camera	Connectivity	Control Room			

9. The contractor is supposed to keep a close liasioning with the Junior Engineer, Assistant Engineer, Traffic Inspector for the smooth functioning of the system. In case the contractor fail to follows all above or any of the conditions and instruction the contractor shall be liable to be terminated.
10. The payment shall be made on monthly basis after receiving the log-book from the contractor and measurement checked by the J.E/A.E.
11. The number of crossing to be maintained can be increased/decreased as per requirement.
12. The contractor shall furnish name of various work of similar nature executed by him during the last two years and shall also enclose the certificate of satisfactory work. In the absences of such documents tender will not be accepted.
13. Contractors should have own sky lift registered with own name because traffic lights and camera under ATCS work installed on cantilever pole and its height 7.5 Mtr. Above from ground so sky lift is needed any time of work and contractor will provide copy of Registration Certificate along with the tender documents and contractor should also have TATA 407, commercial use truck and should have at least 6 nos. two wheeler vehicle which is use only in maintenance services. No extra cost to be given by the Department.
14. **The firm should ensure the availability of separate fiber for each junction to Yadgaar @ 100 Mbps for higher speed data transfer to uninterrupted video capture and traffic system.** It shall be responsible for any damages & defect in fiber and resolve defect as and when they come immediately.
15. The firm will hand over the ATCS in good working condition to the department/new contractor at the end of the contract period.
16. The components which will be used for the maintenance work of the ATCS/ Cameras should be of approved original make verified by the Engineer-in-charge.
17. Contractor will provide M&R staff and store/space near to traffic police control room at Yadgar.

Signature of Contractor

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

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 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.-III)
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.
4. 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.
5. The rate quoted by the bidder shall remain valid for a period of 120 days from the date of opening of the bids.
6. 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.
7. No conditions are to be added by the bidder and the conditional Bid is liable to be rejected.
8. 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 Bidding in JDA in addition to forfeiture of bid security/ Performance Security and other action under agreement
9. 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

Executive Engineer (Elect.-III)
JDA, Jaipur

JAIPUR DEVELOPMENT AUTHORITY, JAIPUR

DETAILED SPECIAL CONDITION AND SPECIFICATIONS

1. The scope of the Schedule 'H' and 'G' comprises HT/LT Line work on the road mentioned in schedule 'G'
2. The tubular poles are proposed to be erected generally in the median strip of the road or sides unless otherwise instructions are given to change the alignment.
3. The road in question in national, highway / important only road and as not only heavy traffic passes through the road but all the VIPs also pass through it the before it will be the contractor responsibility the provide all retendered caution signs during the execution of work at his own cost in order in to avoid any mis-happening.
4. No opening shall be left uncovered during night. The bidder shall make all arrangement to avoid any claim if preferred on his account shall be the liability of the bidder.
5. No road or part of the road shall be cut without taking the prior permission in writing from the competent authority. The permission shall be arranged by bidder on the request of JDA. However, any changes will be borne by JDA.
6. The contractor shall be deemed to have carefully examined the specifications general condition and tender drawing etc. and they have been fully informed and have satisfied himself as to the nature and character of the work to be executed site conditions and other relevant matters and details.
7. References to standard code specifications recommendation shall mean the attested addition of such publications of the work to be executed at site before the date of invitation to submit proposals.
8. The excavated material shall be place within 1.5 Mtr. of the edge the half of the depth of the trench with have is more site clear shall be done within 24 hours.
9. The work shall be carried out strictly complying within Indian Electricity Rules in forces and as per specifications for Electrical work issued by PWD Raj., Jaipur 1980.
10. **Trenching:** The trenches shall be of shaper size as instructed by the Engineer-In-Charge.
 - (a) **Width**
 - (i) The minimum width of trench for laying single cable shall be 35 Cm.
 - (ii) Where more than one cable is to be laid in the same trench in horizontal formation. The width of the trench shall be increased such that the spacing between the cable shall be at least 20 Cm.
 - (b) **Depth:**
 - (i) Where cable core laid in single tier formation in the total depth of shall not be less than 75 cm for cable upto 1.1 KV.
 - (ii) When more than one tier of cable is unavoidable and vertical formation of laying is adopted depth of trench in (i) above shall increases by 30 cm for each additional tier to be formed.
 - (iii) The depth shall be 1.0 Mtr. of 11 KV, 1.5 Mtr. For 33 KV.
 - (c) **Excavation**

The trench must be excavated straight and if it is necessary to give band or curve radius of such trench shall be at least 12 time the over all dia meter of the cable.
 - (d) **Placing of the Cable**

The cable must be places in the trench on band of fine sand of 8 cm thick bed, and the cable shall be laid below water and sewer lines.
 - (e) For the safe guard of cable it must have covering of clean dry rever sand or any other type of soil as directed by Engineer-In-Charge in not less than 17 cm.
 - (f) **Protection**

To protect the cable against mechanical damages the second class bricks or stone katla as specification shall be placed over the cable width wise.
11. Satisfactory type/acceptance test that results wherever applicable conducted from Govt./Govt. approved laboratory as per ISS shall be submitted prior to use. The routine tests of cable shall be conducted only after delivery at site at his own cost.
12. **Earthing**

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

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

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

- (i) **Main Panel Drawing:** The Contractor shall submit the drawing of main panel all dimensions all internal connection of diagram, well before its fabrication and obtain prior approval of the drawings from the competent authority.
 - (ii) **Completion drawings:** The contractor shall submit the completion drawings of the project showing the roots of the cable and position of panel etc.
15. **Testing**
The following test shall be performed by the contractor at his own cost.
- (i) **Continuity and installation test of cable:** The contractor shall arrange for the continuity of cable for well use of the perfect of the cable.
 - (ii) **Mager Testing:** The whole installation shall be arranged to be test by contractor after its completion shall in presence of Engineer-In-Charge and results shall be recoated and signed jointly.
16. Earthing Testing: Earth test shall be performed by the contractor and results will be used be recorded and signed jointly.
 17. Any other test for cable etc. required shall be arranged by the contractor.
 18. No condition of any short except as provided in the printed from schedule of quantities will be entertained.
 19. Conditions given in the bid from apply in full.
 20. The contractor shall have to obey the labour laws. The labour shall have to pay monthly and shall have first line on the bill of contractor, in case of complaint of labour and nonpayment of wages is received to the department.
 21. The rate of every item should be quoted against each in figures and in words as well for complete Non BSR Items.
 22. In case of any typographical error in nomenclature, unit and rate, the rates as per BSR on which 'G' Schedule is prepared shall be binding on the tenders.
 23. In case of any dispute the Executive Engineer (Electrical-III) decision shall be final.
 24. The bidders are expected to be fully conversant with the general and special conditions of contract in force in this office. They must see the site of work acquaint themselves of the position of the materials. Fluctuation of the rates in the market, see the schedule and plans in the office and remove doubts, if any, before submitting their tenders.
 25. The JDA is not responsible for arranging any material whatsoever any the contractor will have to complete the work within the specified time with specified material and approved accessories, from the stock, non-availability of material or delay in the consignment will not be entertained to as an excuse for extension of time for completion of work.
 26. Contractor will not be paid extra for sales or any other tax.
 27. Bid must be submitted on the prescribed forms duly signed by the bidder on every page.
 28. All entries by the bidder should be in on ink only. Erasers and over writings are not permissible. All cancellation correction and insertions must be signed by the bidder.
 29. Rate quoted should be given for the work, separately in words and figures in case there is any difference in rates between words and figures the lower of the two will be taken as correct.
 30. All the papers signed by the parties to this contract and bond together and sealed shall deemed to form part of the contract bond and shall be read as conditions of contract.
 31. In every case in which by virtue for the provisions of section 12 sub section (I) of the workman's Compensation Act. 1923 cost is obliged to pay compensation to a workman employed by the contractor or by a sub contractor for execution to said work Govt. will recover from the contractor the amount of the compensation paid and without prejudice to the rights of Govt. under section 12 sub section (2) of the said Act, Govt. shall be at liberty to recover such amount or any part thereof by deducting if from the earnest money deposited by the contractor to his credit or any other sum due by Govt. to the contractor whether under this contract or otherwise.
 32. The contractor should have submit safety certificate for equipment each year separately in maintenance period.
 33. The contractor shall arrange the certificate from electric inspector on completion of the electric installation at his own. However, any fee to be paid on this account shall be paid by the JDA.
 34. The entire material should be as per JDA BSR 2016 of Electrical work of Schedule 'G' & specified main materials of schedule 'H' and shall be of ISI marked.
- I/We have carefully study the instructions / conditions mentioned above & do hereby undertake to agree for the same.

**SIGNATURE OF CONTRACTOR
WITHFULL ADDRESS:**

**EXECUTIVE ENGINEER (Elect.-III),
JDA, JAIPUR**

Note:-

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

SPECIAL CONDITIONS OF CONTRACT REGARDING DEFECT LIABILITY PERIOD (DLP) FOR WORKS COSTING RS. 25.00 LACS AND MORE

Table-1

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

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/drains, 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 potholes and patch repairs etc.	As and when required.
4	Insurance of proper functioning of drains including civil 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 once in every one and a half years.
6	Road Marking, Kerb Stone / Dand. (If done by the same Road agency)	Thermoplastic Paint Maintenance as and when required. Repainting once in everyone & a half year. Ordinary Paint Maintenance as and when required. Repainting thrice in every year.
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 the 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 cresses 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 DLP period	1 Year	2 Year	3 Year	4 Year	5 Year
1 Year	1.12	-	-	-	-
2 Year	2.55	1.43	-	-	-
3 Year	4.38	3.26	1.83	-	-
5 Year	9	7.88	6.45	4.62	2.47

Note:- Calculation is to be done on 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/civil maintenance works costing more than Rs. 25.00Lakhs, defect liability period will as per clause 37(C) of Contract Agreement.

Executive Engineer (Elect.-III)
JDA, Jaipur

Specified Bank Guarantee Performa for Bid Security

Section - 6

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

To

Secretary, Jaipur Development Authority, Jaipur

Sub:

Bank Guarantee No. _____ dated _____ for [amount of Security in figures] [in words] on behalf of _____ [Name of the Bidder] against Bid Security for the.....JDA

Jaipur WHEREAS, _____ [name of Bidder with address] (**hereinafter called “the Bidder”**) has submitted his Bid dated for the work of(here in after called “ the Bid ”).

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

That on demand of JDA , this Bank Guarantee is cashable at the following branch in Jaipur City.

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

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

THE CONDITIONS of this obligation are:

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

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

This Guarantee will remain in force up to and including the date 30 days after the date of expiration of the Bid Validity, as stated in the Instructions to Bidders, or any such extension thereto as may be agreed by the Bidder, a notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this Guarantee should reach the Bank no later than the above date.

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

Date _____Signature of the Bank_____

Witness_____Seal _____

[Signature, Name, and Address]

[Note: To be furnished on appropriate non-judicial stamps & should be valid for the next 7 months from the bid opening date]

Specified Bank Guarantee Performa for Performance Security

Section - 6

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

To

Secretary, Jaipur Development Authority, Jaipur

Sub:.....

Bank Guarantee No. _____ dated _____ for [amount of Security in figures] [in words] on behalf of _____ [Name of the Bidder] against Performance Security for the.....JDA Jaipur WHEREAS, _____ [name of Bidder with address] (hereinafter called “the Bidder”) has submitted his Bid dated _____ for the work of(herein after called “ the Bid ”).

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

That on demand of JDA, this Bank Guarantee is cashable at the following branch in Jaipur City.

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

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

We undertake to pay to the Employer up to the above amount upon receipt of his first written demand within valid period of this guarantee.

This Guarantee will remain in force up to and including the date 30 days after the date of expiration of the Bid Validity, as stated in the Instructions to Bidders, or any such extension thereto as may be agreed by the Bidder, a notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this Guarantee should reach the Bank no later than the above date.

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

Date _____Signature of the Bank _____

Witness _____Seal _____

[Signature, Name and Address]
[Note: To be furnished on appropriate non-judicial stamps.]

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 tofor procurement ofin response to their Notice inviting Bids No.....Dated.....I/wehereby 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.
- (iii) In case of procurement of goods or services, additional quantity may be procured by placing a repeat order on the rates and conditions of the original order. However, the additional quantity shall not be more than 25% of the value of goods of the original contract and shall be within one month from the date of expiry of the last supply. If the supplier fails to do so, the procuring entity shall be free to arrange for the balance supply by limited bidding or otherwise and the extra cost incurred shall be recovered from the supplier.

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 a) 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. b) Create user Login with a valid mobile number to register yourself for various Online Services of JDA. c) 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). d) 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. e) 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 1- Online e-Bid can be submitted after registration at e-Procurement Portal of Government of Rajasthan www.eproc.rajasthan.gov.in 2- It is mandatory to upload Bid Participation Receipt with the bid submission. 3- 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, Safe crypt, n Code etc. Bidders who already have a valid Digital Signature Certificate (DSC) need not procure a new DSC. Also, bidders must
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register on <http://eproc.rajasthan.gov.in> (bidders already registered on <http://eproc.rajasthan.gov.in> before 30-09-2011 must register again).

4- JDA will not be responsible for delay in online submission due to any reason. For this, bidders are requested to upload the complete bid well advance in time so as to avoid 11th hour issues like slow speed; choking of web site due to heavy load or any other unforeseen problems.

5- Bidders are also advised to refer "Bidders Manual Kit" available at e-Proc website for further details about the e-Tendering process.

6- Training for the bidders on the usage of e-Tendering System (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

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

7- The procuring entity reserves the complete right to cancel the bid process and reject any or all of the Bids.

8- No contractual obligation whatsoever shall arise from the bidding document/ bidding process unless and until a formal contract is signed and executed between the procuring entity and the successful bidder.

9- Procurement entity disclaims any factual/ or other errors in the bidding document (the onus is purely on the individual bidders to verify such information) and the information provided therein are intended only to help the bidders to prepare a logical bid-proposal.

10- The provisions of RTPPA Act 2012 and Rules thereto shall be applicable for this procurement. Furthermore, in case of any inconsistency in any of the provisions of this bidding document with the RTPP Act 2012 and Rules thereto, the later shall prevail.

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

Dates Detail		
Sr. No.	Event Name	Event Date
1	Publishing Date	
2	Bid Opening Date	

Specific Instrument for e-Proc Rajasthan			
Instrument Type			
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.

Tender Inviting Authority: JAIPUR DEVELOPMENT AUTHORITY, JAIPUR

Name of Work : Maintenance of Traffic signals and ATCS system in Jaipur City.

Contract No: EE (Elect-III)/12/2023-24

Bidder Name :						
PRICE SCHEDULE						
Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT	TOTAL AMOUNT In Words
1.00	All in all maintenance to keep up trafficcam Cameras with Software & Hardware complete in all respect.					
1.10	Trafficcam Camera with Power Supply	2112.000	Per Month	1000.00	2112000.00	INR Twenty One Lakh Twelve Thousand Only
1.20	Modules	600.000	Per Month	525.00	315000.00	INR Three Lakh Fifteen Thousand Only
2.00	All in all maintenance of UPS (5 KV) to keep up in working order	48.000	Per Month	844.00	40512.00	INR Forty Thousand Five Hundred & Twelve Only
3.00	All in the maintenance to keep up to complete ATCS in working order. The System is based on CDAC Techology working on composite signals control strategy (CoSicoST) Software installed at 58 Nos. Junctions on Tonk road, M.I. road, JLN Marg, Ashok Marg	696.000	Per Month	11011.00	7663656.00	INR Seventy Six Lakh Sixty Three Thousand Six Hundred & Fifty Six Only
4.00	All in all maintenance of Air Conditioner to keep up in working order	108.000	Per Month	388.00	41904.00	INR Forty One Thousand Nine Hundred & Four Only
5.00	Rent for 100 Mbps for connectivity for operation of TCS (Rent & Maintenance of OFC)	804.000	Per Month	4323.00	3475692.00	INR Thirty Four Lakh Seventy Five Thousand Six Hundred & Ninety Two Only
6.00	All in all maintenance to keep up of complete traffic signal system in working order at a crossing including controller, posts , head assembly, bulbs/LED reflector, material (Consumables / Software of OEM of traffic signal to be used only) T&P etc. as required. (CDAC Technology's/software's controller. Operated with Solar Panel with Battery	24.000	Per Month	15000.00	360000.00	INR Three Lakh Sixty Thousand Only
7.00	All in all maintenance to keep up of complete traffic signal system in working order at a crossing including controller, posts , head assembly, bulbs/LED reflector, material (Consumables / Software of OEM of traffic signal to be used only) T&P etc. as required. Complete Rate					
7.10	With solid-state controller & LED Signal Heads	168.000	Per Month	520.00	87360.00	INR Eighty Seven Thousand Three Hundred & Sixty Only
7.20	With UTCS controller & LED Signal Heads	2256.000	Per Month	4800.00	10828800.00	INR One Crore Eight Lakh Twenty Eight Thousand Eight Hundred Only

Tender Inviting Authority: JAIPUR DEVELOPMENT AUTHORITY, JAIPUR

Name of Work : Maintenance of Traffic signals and ATCS system in Jaipur City.

Contract No: EE (Elect-III)/12/2023-24

Bidder Name :						
PRICE SCHEDULE						
Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT	TOTAL AMOUNT In Words
7.30	With microprocessor controller & LED Signal Heads	372.000	Per Month	680.00	252960.00	INR Two Lakh Fifty Two Thousand Nine Hundred & Sixty Only
7.40	Programmable Three Digit Countdown timer Big / Small	7920.000	Per Month	360.00	2851200.00	INR Twenty Eight Lakh Fifty One Thousand Two Hundred Only
8.00	All in all maintenance to keep up blinker signal in working order at a crossing including controller, posts , head assembly, bulbs / LED reflector and material , T&P as required. Complete Rate	276.000	Per Month	360.00	99360.00	INR Ninety Nine Thousand Three Hundred & Sixty Only
9.00	All in all maintenance to keep up Crystal control solar road warning blinker signal with solar panel in working order at a crossing including controller, posts , head assembly, bulbs / LED reflector and material , T&P as required. Complete Rate	3960.000	Per Month	440.00	1742400.00	INR Seventeen Lakh Forty Two Thousand Four Hundred Only
10.00	P/Laying P.V.C. / XLPE insulated & P.V.C. sheathed cable of 1.1 KV grade with Copper conductor of IS:1554 P-I / IS :7098 P - I of Group 1 of approved make in ground as per IS:1255 including excavation of 30cmx75cm size trench, 25 cm thick under layer of sand,Ind class bricks covering, refilling earth,compaction of earth, making necessary connection, testing etc. as required of size. Complete Rate Armoured					
10.10	2.5 Sq. mm, 4 Core	25000.000	Mtr.	162.40	4060000.00	INR Forty Lakh Sixty Thousand Only
11.00	SITC of Cutting back up surface up to 2 Mtr. Depth by digging by Bogi including all layers of crust for laying pipe line etc. and making good to original condition (excluding cost of bitumen)	4400.000	Each	288.00	1267200.00	INR Twelve Lakh Sixty Seven Thousand Two Hundred Only
12.00	P / L of Double wall corrugated HDPE pipe confirming to IS : 14930 P - 1 & 2 with HDPE Coupler at 1 mtr. Depth below the ground for laying cable including making the trench and back filling , compaction of earth as required of Gemini or IS:14930 marked make. Outer Dia. / Inner dia. 90 / 76 mm Complete Rate	1000.000	Mtr.	120.00	120000.00	INR One Lakh Twenty Thousand Only

Tender Inviting Authority: JAIPUR DEVELOPMENT AUTHORITY, JAIPUR

Name of Work : Maintenance of Traffic signals and ATCS system in Jaipur City.

Contract No: EE (Elect-III)/12/2023-24

Bidder Name :						
PRICE SCHEDULE						
Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT	TOTAL AMOUNT In Words
13.00	SITC of microprocessor based UTCS type automatic electronic controller conforming to IS: 7537 for traffic signals complete with electronic timer, G.P.S. based control board, blinker unit for night operation and slip lane, day time peak hours operation. The controller shall have 32 signal phases, 25 Signal Plan,24 Cycle Plan, 32 Signal Split Plan,32 Cycle switching/days,20 selective days /annum, 16 conflicting conditions, 32 signal line, solid state relay switching R.S 485 communication and 4 hurry call inter phase, manual override facility up gradable vehicle actuated system, also have method of traffic control with fixed time isolated intersection and cable less/ cabled interlinking for synchronized operation. The unit shall be totally enclosed in 2.00mm thick metal sheet box size 99 cm x 61.5 cm x 35.5 cm including making connection (C-DAC make).					
13.10	Labour Rate	10.000	Each	6400.00	64000.00	INR Sixty Four Thousand Only
13.20	Complete Rate	15.000	Each	120000.00	1800000.00	INR Eighteen Lakh Only
14.00	S.I.T.C. of programmable three digit digital count down timer with 5mm dia. Red colored LEDs of high intensity (visible clearly at day time) of reputed make with digit size 150mm x 300mm approx. and quantity of LEDs be approx. 800 no.s including interconnection with traffic signal controller and housing the LED assembly in sheet metal box of size approx. 750mm x 550mm with detachable pole arms clamps etc. as required. Keltron / Shakti / BEL Complete Rate	50.000	Each	8000.00	400000.00	INR Four Lakh Only
15.00	P & F 4.5 mm thick M.S. traffic post with outer dia. 114.3mm, medium class and confirming to IS:1239 (P I) 5 Mtr. Long (0.8 Mtr. below ground level) suitable for mounting the signal head assembly with weather proof fiber cap and M.S. base plate 300 mm x 300 mm x 6 mm including excavation of pit and grouting with P.C.C. of ratio 1:3:6 from bottom of the pole and up to 30 cm. above the ground level and 40 cm dia. including painting with rubber paint below ground level and red oxide on exposed surface and finishing with traffic yellow enamel paint in two coats compete as required. Complete Rate	40.000	Each	3880.00	155200.00	INR One Lakh Fifty Five Thousand Two Hundred Only

Tender Inviting Authority: JAIPUR DEVELOPMENT AUTHORITY, JAIPUR

Name of Work : Maintenance of Traffic signals and ATCS system in Jaipur City.

Contract No: EE (Elect-III)/12/2023-24

Bidder Name :						
PRICE SCHEDULE						
Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT	TOTAL AMOUNT In Words
16.00	P & F M.S. cantilever swaged pole suitable for mounting signal head assembly of overall height 9.0 Mtr. (1.5 meter. Below ground level) with M.S. base plate of size 400mm x 400mm x 7mm including excavation of pit and grouting with P.C.C. of ratio 1:3:6 from the bottom of the pole and up to 50cm above the ground level of 40 cm dia. Including painting with rubber coat below ground level and red oxide on exposed surface and finishing with two coats of traffic yellow enamel paint complete in all respect as required. The pole shall confirm following specifications as per IS: (1239 P-I) Top, middle, bottom length1.80mtr,3.60 Mtr.,6.0 Mtr. Respectively, outer dia. 88.9 mm, 114.3 mm, 139.7 mm respectively, thickness 4.05 mm,4.5 mm,4.85 mm respectively. Complete Rate	20.000	Each	10800.00	216000.00	INR Two Lakh Sixteen Thousand Only
17.00	SITC of Crystal control Solar Road warning Blinker system with solar panel module with 300mm LED Module of minimum 190 Nos., Blinker Units, Charging circuit, suitable SMF Rechargeable Battery (12 Volt), including wiring, connections etc. complete in all respect. Complete Rate	40.000	Each	10000.00	400000.00	INR Four Lakh Only
18.00	SITC of Solar panel Module 12 Volt 18 Walt, REIL, SHAKTI, BEL	20.000	Each	2800.00	56000.00	INR Fifty Six Thousand Only
19.00	STIC of SurveyorVFT (IP Dome) APTZ Camera with 360 degree rotation and digital zoom facility, which is also a transmitter. It can be connected straight to the net work, video transmission via IP Coaxial,Fibre Optic or twisted Pair (UTP) in ceiling or pendant configurations for indoor or outdoor installation with Ex view 23X or 35X high resolution color on day/night camera with Vandal proof and pressurized housings and privacy masking. Complete Rate	15.000	Each	168800.00	2532000.00	INR Twenty Five Lakh Thirty Two Thousand Only
20.00	Supply & Fixing of Spare cards for UTCS microprocessor controller of C DAC Technology.					
20.10	Microprocessor C.P.U.Card Complete Rate	20.000	Each	17000.00	340000.00	INR Three Lakh Forty Thousand Only
20.20	Microprocessor Lamp Driver Card Complete Rate	20.000	Each	13600.00	272000.00	INR Two Lakh Seventy Two Thousand Only

Tender Inviting Authority: JAIPUR DEVELOPMENT AUTHORITY, JAIPUR

Name of Work : Maintenance of Traffic signals and ATCS system in Jaipur City.

Contract No: EE (Elect-III)/12/2023-24

Bidder Name :						
PRICE SCHEDULE						
Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT	TOTAL AMOUNT In Words
21.00	S.I.T.C. of following colour retrofit LED matrices traffic light of modular size 300 mm dia. Covered with front clear acrylic sheet and back with aluminium body, InP/ InGaN based 5mm dia. coloured LEDs of ultra bright, super intensity (visible clearly at day time up to distance 300-600 meter , viewing angle of 30 degree). The unit shall be suitable for working on A.C. supply (160 - 240 V) and life cycle approx. 10 yrs with power consumption below 24 Watts , suitable for fast switching.(Makes - Binay, Keltron, Shakti, Bel or approved make). Complete Rate					
21.10	Red / Amber Round (Unit of 200-220NosLEDs)	200.000	Each	3040.00	608000.00	INR Six Lakh Eight Thousand Only
21.20	Green Arrow(Unit of 120-130NosLEDs)	200.000	Each	4400.00	880000.00	INR Eight Lakh Eighty Thousand Only
21.30	Add extra for SITC of M.S. housing for LED matrices	500.000	Each	952.00	476000.00	INR Four Lakh Seventy Six Thousand Only
22.00	Refixing of standard traffic post including repair and transportation (within municipal limit) as required. Including excavation of pit and grouting with P.C.C. of ratio 1:3:6 from the bottom of pole (0.80 meter. Below ground level) and up to 30 cm above the ground level and 40 cm dia. including painting with rubber coat below ground level as required. Complete Rate	20.000	Each	680.00	13600.00	INR Thirteen Thousand Six Hundred Only
23.00	Refixing of cantilever traffic post including repair and transportation (within municipal limit) as required. Including excavation of pit and grouting with P.C.C. of ratio 1:3:6 from the bottom of pole (1.40 meter. Below ground level) and up to 50 cm above the ground level and 40 cm dia. including painting with rubber coat below ground level as required. Complete Rate	20.000	Each	2000.00	40000.00	INR Forty Thousand Only
24.00	Removing of existing damaged standard traffic post (incl. Signal head assembly) and dismantling original foundation and refilling the same with earth and transportation of pole and signal head to store (within municipal limit) as required. Complete Rate	20.000	Each	280.00	5600.00	INR Five Thousand Six Hundred Only
25.00	Removing of existing damaged cantilever traffic post (incl. Signal head) and dismantling original foundation and refilling the same with earth and transportation of pole and signal head to store (within municipal limit) as required. Complete Rate	20.000	Each	1000.00	20000.00	INR Twenty Thousand Only

Tender Inviting Authority: JAIPUR DEVELOPMENT AUTHORITY, JAIPUR

Name of Work : Maintenance of Traffic signals and ATCS system in Jaipur City.

Contract No: EE (Elect-III)/12/2023-24

Bidder Name :						
PRICE SCHEDULE						
Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT	TOTAL AMOUNT In Words
26.00	Painting of existing traffic post /cantilever pole /signal head assembly/controller box including removing of old rusted surface paint and applying red oxide finishing two coats of enamel paint as required. Complete Rate					
26.10	Traffic Post	20.000	Each	120.00	2400.00	INR Two Thousand Four Hundred Only
26.20	Cantilever Pole	20.000	Each	360.00	7200.00	INR Seven Thousand Two Hundred Only
26.30	Signal head assembly 300 mm dia.	200.000	Each	40.00	8000.00	INR Eight Thousand Only
27.00	SITC of WitraC 32Bit Microcontroller based Solar Power/PWM Automatic Electronic controller, conforming to IEC-60068(ERTL) for Traffic Signals complete with electronic timer, G.P.S. based control board, blinker unit for night operation and slip lane, day time peak hours operation, The controller shall have 32 signal phase, signal switching and feedback on wireless medium, 24 cycle plan, 32 signal split plan, 24 cycle switching/days, 20 selective days/annum, 4-week plan, 16 optically isolated solid state lamp driving outputs, 16 optically isolated vehicle detector, 20 × 4 LED backlit LCD and 5 × 4 keypad 8 Auxiliary I/O interface, USB, CAN, R.S. 232 communication and 4 hurry call inter phase, manual override facility up gradable vehicle actuated system, also have method of traffic control with fixed time isolated intersection and cable less/cabled interlinking for synchronized operation, including additional features such as (a) facility to enter traffic volume, (b) Provision for 3 to 5 second Red/Green flash before starting of stage, (c) Red light violation data from all the approaches and (d) Using External Ethernet adapter to USB for using 3G dongle router for Networking and making connections. (Technology developed by CDAC , Make CDAC, Shakti, Keltron)					
27.10	Master controller (Size L-607 × W-298 × D-176mm.) 12V DC ±10% 3.6W	2.000	Each	108583.00	217166.00	INR Two Lakh Seventeen Thousand One Hundred & Sixty Six Only
28.00	Slave controller (L-400 × W-298 × D-176 MM) 12V DC ± 10% 3.0W	4.000	Each	63236.00	252944.00	INR Two Lakh Fifty Two Thousand Nine Hundred & Forty Four Only

Tender Inviting Authority: JAIPUR DEVELOPMENT AUTHORITY, JAIPUR

Name of Work : Maintenance of Traffic signals and ATCS system in Jaipur City.

Contract No: EE (Elect-III)/12/2023-24

Bidder Name :						
PRICE SCHEDULE						
Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT	TOTAL AMOUNT In Words
29.00	Supply, Installation, Testing & Commissioning of 7.5M height galvanised polygonal signal pole with dia 350mm A/F, 4mm thickness with 6M cross arm with dia 90 mm A/F, thickness 4 mm fabricated from HT steel confirming to BS EN 10025, S-355 JO with 520×16mm base plate. (Make CDAC, Shakti, Keltron, Bajaj)	6.000	Each	145000.00	870000.00	INR Eight Lakh Seventy Thousand Only
Total in Figures					44954154.00	INR Four Crore Forty Nine Lakh Fifty Four Thousand One Hundred & Fifty Four Only
Quoted Rate in Figures			Select		0.00	INR Zero Only
Quoted Rate in Words		INR Zero Only				