Government of India
Central Public Works Department
O/o Assistant Engineer (E)-II
CPWD, Jaipur

NOTICE INVITING TENDERS

N.I.T. No. : 69/EE(E)/CPWD/Jaipur/2026-27

Name of Work: RMO Sub station Equipments i/c pump set and compound light for Resdl./ Non Resdl. Buildings at NSTI, Jaipur. (SH: - Electrical Work in Conference hall)

Estimated Cost: Rs. 4,00,180/-

Earnest Money: Rs. 8,004/-

SECURITY DEPOSIT: 2.5% of Tenderer Amount

TIME ALLOWED : 01 Months

Assistant Engineer (E)-II
CPWD, Jaipur

Annexure 'A' CPWD

INVITING NOTICE e-TENDER

INFORMATION AND INSTRUCTIONS FOR BIDDER FOR e-TENDERING FORMING PART OF BID DOCUMENT AND TO BE POSTED ON WEBSITE

The Assistant Engineer (E), Jaipur Central Electrical Sub-Division-II, CPWD, Malviya Nagar, Jaipur (Phone No.0141-2529447) on behalf of the President of India invites online **Percentage Rate E-Tenders** on single bid system from contractors of CPWD who are approved and eligible for Building & Roads category in appropriate class, for the following work:

S N.	**NIT NO.**	**Name of work & Location**	Estimated cost put to tender	Earnest Money	Period of completion	Last date & time of submission of bid, original EMD, copy of receipt for deposition of original EMD and other Document as specified in the press notice	Time & date of opening of Price bid
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**
1	69/EE(E)/CPWD/Jaipur/2026-27	RMO Sub station Equipments i/c pump set and compound light for Resdl./ Non Resdl. Buildings at NSTI, Jaipur. (SH: - Electrical Work in Conference hall)	Rs. 4,00,180/-	Rs 8,004/-	01 Month	Upto 3.00 PM 10/11/2026*	At 3.30 PM 10/11/2026*

1. The intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he consider himself eligible and he is in possession of all the documents required.

2. The intending bidders are required to update their profile in CPWD e-tender portal and to upload their bids well in advance of last date of submission of tender. Any issue related to updating profile / uploading tender can be resolved through the concerned Executive Engineer/Assistant Engineer (Phone No. 0141-2233688 E-Mail ID jced-cpwd-rj@gov.in) or ERP help line no. 18001803286 or e-mail Id cpwd.support@techmahindra.com. The e-tendering bidders are also advised not to wait to raise any issues till the last date of submission of bid in their own interest.

3. Information and Instructions for bidders posted on website shall form part of bid document.

4. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website **www.etender.cpwd.gov.in** and www.eprocure.gov.in free of cost.

5. But the bid can only be submitted after depositing of original EMD either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission, and uploading the mandatory scanned documents such as Demand Draft or Pay order or Banker`s Cheque or Deposit at call Receipt or Fixed Deposit Receipts and Bank Guarantee of any Scheduled Bank towards EMD in favour of Executive Engineer as mentioned in NIT, receipt for deposition of original EMD to division office of any Executive Engineer, (including NIT issuing EE/AE) C.P.W.D and other documents NIT issuing EE/AE) as specified.

6. Those contractors not registered on the website mentioned above, are required to get registered beforehand. If needed they can be imparted training on online bidding process as per details available on the website.

7. Stamp duty tax applicable as per Govt. of Rajasthan, Finance Department (Tax Division), Jaipur vide Notification N. ,Q-2¼31½,Q-Mh-@VDL@2019–253 fnukd 06-11-2020 under GCC Clause 34.

8. The intending bidder must have valid class-III digital signature to submit the bid.

9. On opening date, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.

10. Contractor can upload documents in the form of JPG format and PDF format.

11. Contractor must ensure to quote rate of each item. The column meant for quoting rate in figures appears in pink colour and the moment rate is entered, it turns sky blue. In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as "0".

Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (ZERO).

List of Documents to be scanned and uploaded within the period of bid submission:-

(i) Treasury Challan /Demand Draft / Pay order or Banker`s Cheque / Deposit at Call Receipt/ FDR/ Bank Guarantee of any scheduled Bank against EMD,and hard copy of the same EMD have to be deposited physically in Division Office of any Executive Engineer inviting bids or division office of Executive Engineer, CPWD within the period of Bid submission. The same should also be Scanned and Uploaded by the intending bidders.

(ii) Copy of receipt for deposition of original EMD issued from division office of any Executive Engineer, CPWD (including NIT issuing EE/AE), CPWD.

(iii) **Enlistment Order** of the Contractor in CPWD in Composite Category, if applicable and valid on the date of opening of tender. Enlistment order issued by enlistment authority, with validity duly extended, in favour of the CPWD contractor shall only be considered.

(iv) Copy of certificate of compulsory ERP Training obtained by enlisted contractor either himself or his authorized representative.

(v) GST Registration Certificate if already obtained by the bidder.

If the bidder has not obtained GST registration as applicable, then he shall scan and upload following under taking along with bid documents.

"If work is awarded to me, I/we shall obtain GST registration certificate, as applicable, within one month from the date of receipt of award letter or before release of any payment by CPWD, whichever is earlier, failing which I/we shall be responsible for any delay in payments which will be due towards me/us on account of the work executed and/or for any action taken by CPWD or GST department in this regard"

(vi) Letter of transmittal /submission of bid as per **Annexure-1.**

(vii) **Any other document as specified in the NIT.**

Assistant Engineer (E)-II
C.P.W.D., Jaipur

Receipt of deposition of original EMD

(Receipt No……/date ……)

	Name of work		RMO Sub station Equipments i/c pump set and compound light for Resdl./ Non Resdl. Buildings at NSTI, Jaipur. (SH: - Electrical Work in Conference Hall)
	NIT No		69/EE(E)/CPWD/Jaipur/2026-27
	Estimate Cost		**Rs. 4,00,180/-**
	Amount of Earnest Money Deposit		**Rs. 8,004/-**
	date of submission of bid		**10/11/2026***
			(# To be filled by EMD receiving EE)
	Name of Contractor		……#……
	Form of EMD		……#……
	Amount of Earnest Money Deposit		……#……
	ate of submission of EMD		……#……

Signature, Name and Designation
Of EMD receiving Officer (EE/DDH)
Along with office stamp

(#To be filled by EMD receiving EE/DDH)

Note : The receipt can also be issued by any subordinate Gazetted authority as authorized by the Engineer-in-Charge/DDH.

FORM "B"

Undertaking regarding obtaining GST registration Certificate

If work is awarded to me, I/We shall obtain GST registration certificate, as applicable, within one month from the date of receipt of award letter or before release of any payment by the CPWD, whichever is earlier, failing which I/We shall be responsible for any delay in payments which will be due towards me/us on account of the work executed and/or for any action taken by CPWD or GST department in this regard.

Signature of Bidder(s) or an authorized Officer of the firm with stamp

Annexure-1

INFORMATION REGARDING Bidder

LETTER OF TRANSMITTAL/Submission of Bid

From : (Bidders Name)

To

The Assistant Engineer (Elect.)
CPWD, Jaipur.

Subject: RMO Sub station Equipments i/c pump set and compound light for Resdl./ Non Resdl. Buildings at NSTI, Jaipur. (SH: - Electrical Work in Conference Hall)

Having examined details given in Tender Notice and bid document for the above work, I/we hereby submit the bid with requisite information & documents.

1. I/We hereby certify that all the information and documents submitted with the bid are true and correct.

2. I / We have furnished all information and details necessary for eligibility and have no further pertinent information to supply.

3. I/We also authorize Executive Engineer, Jaipur Central Electrical Division, CPWD, Jaipur to approach individuals, employers, firms and corporation to verify our competence and general reputation.

4. Our Current Contact address, email and telephone number details are as under:

   Name of Bidder/Authorized Person of Bidder:

   Contact Address of Bidder:
   Email of Bidder:
   Telephone Number of Bidder:

Seal of bidder Date of submission :	Signature(s) of Bidder(s)

केन्द्रीय लोक निर्माण विभाग

कार्यालय ज्ञापन

No. DG/Manual-2024/20

ISSUED BY THE AUTHORITY OF DIRECTOR GENERAL, CPWD

Vidyut Bhawan, New Delhi Dated: 27.02.2026

Sub: Modification in Para 5.2 for CPWD Works Manual 2024.

Following modification is made in Para no. 5.2 for CPWD Works Manual 2024:

Existing Provision	Modified Provision
5.2 Performance Guarantee	**5.2 Performance Guarantee**
Sl. No. 1	**No Change**
2. PG shall be 5% of the contract amount or as prescribed from time to time to be submitted in the form as prescribed in GCC. Performance Guarantee shall remain valid for a minimum period of sixty days beyond the date of completion of all contractual obligations as per GCC. In case of contracts where supplementary agreement is drawn, the fresh PG shall be obtained from the contractor @ 5% of the amount of the supplementary agreement or as prescribed from time to time. The PG received against the original work shall be released as per contract conditions.	**2.** PG shall be 5% of the **Estimated cost put to tender (ECPT) or** contract amount **whichever is higher,** or as prescribed from time to time, to be submitted in the form as prescribed in GCC. Performance Guarantee shall remain valid for a minimum period of **six months** beyond the date of completion of all contractual obligations as per GCC. In case of contracts where supplementary agreement is drawn, the fresh PG shall be obtained from the contractor @ 5% of the amount of the supplementary agreement or as prescribed from time to time. The PG received against the original work shall be released as per contract conditions.
Sl. No. 3	**No Change**
4. No provision	**4. A bid will be treated as abnormally low if the quoted bid amount is lesser than 80% of the estimated cost put to tender.**
5. No provision	**5. Requirement of Additional Performance Guarantee (APG) : In case of abnormally low bids as defined above, the bidder shall be required to submit Additional Performance Guarantee (APG) in addition to the Standard Performance Guarantee (PG). The amount of Additional Performance Guarantee (APG) shall be equivalent to the difference between the 80% amount of ECPT and quoted amount. (e.g. if ECPT is A and quoted amount is 0.7A then the amount of APG shall be**

(R.P. Jindal
EE(Contract)

AE(E)-II

	0.8A – 0.7A). **The Additional Performance Guarantee (APG) shall be in the prescribed format of Performance Guarantee and has to be submitted within the time frame prescribed for submission of Performance Guarantee. The other terms and conditions of release etc. of APG shall be same as that of PG.**

This is issues with the approval of DG CPWD.

27.02.2026

((चन्द्र पाल)
अधीक्षण अभियंता (सी.एंड एम.)
Chander Pal, SE (C&M)

Issued from file No. CSQ/CM/16(1)/2026 e-file 9212995 (DFA/ 9365789)

केलोनिवि तथा लोनिवि दिल्ली के सभी अधिकारियों को आवश्यक सूचना एवं कार्यवाही हेतु। (केलोनिवि वेबसाईट के माध्यम से)

27/2/26

D.P. Jindal
EE (Contract)

CPWD-6 FOR e-TENDERING
GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT
NOTICE INVITING e-TENDER

The Assistant Engineer (E), Jaipur Central Electrical Sub-Division-II, CPWD, Income Tax Colony, Malviya Nagar, Jaipur (Phone No.0141-2529447) on behalf of the President of India invites online **Percentage Rate E-Tenders** on single bid system from contractors of CPWD who are approved and eligible for Building & Roads category in appropriate class, for the work of **"RMO Sub station Equipments i/c pump set and compound light for Resdl./ Non Resdl. Buildings at NSTI, Jaipur. (SH: - Electrical Work in Conference hall)"**

The enlistment of the contractors should be valid on the last date of submission of tenders.

In case the last date of submission of tender is extended, the enlistment of contractor should be valid on the original date of submission of tenders.

1.1 The work is estimated to cost **Rs. 4,00,180/-** This estimate, however, is given merely as a rough guide.

1.1.1 The authority competent to approve NIT for the combined cost and belonging to the major discipline will consolidate NITs for calling the bids. He will also nominate Division which will deal with all matters relating to the invitation of bids.

For composite bid, besides indicating the combined estimated cost put to bid, should clearly indicate the estimated cost of each component separately. The eligibility of bidders will correspond to the combined estimated cost of different components put to bid.

2. Agreement shall be drawn with the successful bidders on prescribed Form No. CPWD 7/8 (or other Standard Form as mentioned) which is available as a Govt. of India Publication and also available on website **www.cpwd.gov.in**. Bidders shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.

3. The time allowed for carrying out the work will be **01 Month** from the date of start as defined in schedule 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the bid documents.

4. The site for the work is available. **(Site available)** √

5. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents except Standard General Conditions of Contract Form can be seen from website **www.etender.cpwd.gov.in** and www.eprocure.gov.in free of cost.

6. After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified.

7. White submitting the revised bid, contractor can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of bid as notified.

8. When bids are invited in three stage system and if it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted then the bid submitted earlier shall become invalid.

9. Earnest Money in the form of Treasury Challan or Demand Draft or Pay order or Banker`s Cheque or Deposit at Call Receipt or Fixed Deposit Receipt (drawn in favour of **Executive Engineer (E), Jaipur Central Electrical Division, CPWD, Jaipur** shall be scanned and uploaded to the e-tendering website within the period of bid submission. The Original EMD should be deposited either in the office of Executive Engineer inviting bids or division office of any Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the Period of bid submission. The EMD receiving Executive Engineer (including NIT issuing EE/AE) shall issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format (enclosed) uploaded by tender inviting Executive Engineer in the NIT.
This receipt shall also be uploaded to the e-tendering website by the intending bidder upto the specified bid submission date and time

10. A part of earnest money is acceptable in the form of bank guarantee also. In such case, minimum 50% of earnest money or Rs. 20 lacs, whichever is less, shall have to be deposited in shape prescribed above, and balance may be deposited in shape of Bank Guarantee of any scheduled bank having validity for six months or more from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders.

Copy of documents as specified in the press notice shall be scanned and uploaded to the e-tendering website within the period of bid submission. However, certified copy of all the scanned and uploaded documents as specified in press notice shall have to be submitted by the lowest bidder only within a week Physical EMD of the

scanned copy of EMD uploaded shall must have to be deposited in Division Office.

Online bids documents submitted by intending bidders shall be opened only of those bidders, whose original EMD deposited with any division of CPWD and other Documents scanned and uploaded are found in order.

The bid submitted shall be opened at **3:30 PM on 10/11/2026***

The bid submitted shall become invalid and e-Tender processing fee shall not be refunded if:

(i) The bidder is found ineligible.

(ii) The bidder(s) does not upload all the documents (including GST registration) as stipulated in the bid documents including declaration of EMD**.**

(iii) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the lowest tenderer in the office of tender opening authority.

The contractor whose bid is accepted, will be required to furnish performance guarantee of 5% (Five Percent) of the bidded amount within the period specified in Schedule F. This guarantee shall be in the form of cash (in case guarantee amount is less than Rs. 10000/-) or Deposit at Call receipt of any scheduled bank / Banker's cheque of any scheduled bank/Demand Draft of any scheduled bank /Pay order of any Scheduled Bank (in case guarantee amount is less than Rs. 1,53,505 /-) or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F'. including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor. The earnest money deposited along with bid shall be returned after receiving the aforesaid performance guarantee.

11. Intending bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidders shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be

responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidders implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.

12. The competent authority on behalf of the President of India does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.

13. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable to rejection.

14. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.

15. The contractor shall not be permitted to bid for works in the CPWD Circle (Division in case of contractors of Horticulture/Nursery category) responsible for award and execution of contracts, in which his near relative is posted a Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazette officer in the Central Public Works Department or in the Ministry of Urban Development. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.

16. No Engineer of Gazetted rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the contractor's service.

17. The bid for the works shall remain open for acceptance for a period of **Thirty (30) days** from the date of opening of bids in case of single bid system and 75 (seventy five) days from the date of opening of technical bid in case bids are invited on 2 or 3 bid system. Further (i) If any tenderer with draws his tenders or makes any modifications in the terms & conditions of the tender which is not acceptable to the department within 7 days after opening of tender (excluding date of opening of tender (excluding date of opening of tender) then the Government shall without prejudice to any other right or remedy, be at liberty to forfeit 50% of the earnest money absolutely. (ii) After 7 days of opening of tender the Government shall without prejudice to any other right or remedy, be at liberty to forfeit 100% of the earnest money absolutely.

(iii) The bidders shall not be allowed to participate in the rebidding process of the work.

18. Forfeiture of Earnest Money – (i) If any tenderer with draws his tenders or makes any modifications in the terms & condition of the tender which is not acceptable to the department within 7 days after opening of tender (excluding date of opening of tender) then the Government shall without prejudice to any other right or remedy, be at liberty to forfeit 50% of the earnest money absolutely. (ii) After 7 days of opening of tender the Government shall without prejudice to any other right or remedy, be at liberty to forfeit 100% of the earnest money absolutely.

19. This notice inviting Tender shall form a part of the contract document. The successful bidder/contractor, on acceptance of his bid by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of: -

a) The Notice Inviting Bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.

b) Standard C.P.W.D. Form 7/8 or other Standard C.P.W.D. Form as mentioned.

Assistant Engineer (E)-II
CPWD, Jaipur

No. NIT/AE(E)-II/CPWD/2026/ Dated: - 1

Copy to: -

1. Executive Engineer, JCED, CPWD, Sec-10, VDN, Jaipur for information.
2. Assistant Engineer(E), Jaipur Central Electrical Sub Division-I, CPWD, Jaipur.
3. Assistant Engineer(E), Jaipur Central Electrical Sub Division-II, CPWD, Jaipur
4. Assistant Engineer(E), Ajmer Central Electrical Sub Division, CPWD, Ajmer
5. Assistant Engineer(E), Bikaner Central Electrical Sub Division, CPWD, Bikaner
6. Assistant Engineer(E), Alwar Central Electrical Sub Division, CPWD, Alwar.
7. Notice Board.
8. Cashier.
9. File No. Concern File

Assistant Engineer (E)-II
CPWD, Jaipur

(**On non-judicial stamp paper of minimum Rs. 100)**
(Guarantee offered by Bank to CPWD in connection with the execution of contracts)
Form of Bank Guarantee for Earnest Money Deposit / Performance Guarantee/ Security Deposit/Mobilization Advance

1. Whereas the Executive Engineer …… (name of division) ……. CPWD on behalf of the President of India (hereinafter called "The Government") has invited bids under……. (NIT number) ……..……..……..……..……..…… dated ……. for……..……..……..……..……. (name of work) ……..……..……..……..……..……..……..……. The Government has further agreed to accept irrevocable Bank Guarantee for Rs. ……. ……. (Rupees ……..……..……..……..……..……only) valid upto ……..……..……..……. (date)* ……. as Earnest Money Deposit from ……..……. (name and address of contractor) ……..……. (hereinafter called "the contractor") for compliance of his obligations in accordance with the terms and conditions of the said NIT.

OR**

Whereas the Executive Engineer ……..……. (name of division)…… , CPWD on behalf of the President of India (hereinafter called "The Government") has entered into an agreement bearing number…… with ……..……. (name and address of the contractor) ……(hereinafter called "the Contractor") for execution of work ……..…… (name of work) ……..……..……. The Government has further agreed to accept an irrevocable Bank Guarantee for Rs. ……..……. (Rupees……..……. only) valid upto……..……. (date) ……..……. as Performance Guarantee/Security Deposit/Mobilization Advance from the said Contractor for compliance of his obligations in accordance with the terms and conditions of the agreement.

2. We, ……..……..……. (indicate the name of the bank)…… (hereinafter referred to as "the Bank"), hereby undertake to pay to the Government an amount not exceeding Rs. ……..……..……. (Rupees ……..……..……. only) on demand by the Government within 10 days of the demand.

3. We, ……..……..……. (indicate the name of the Bank) ……..……..……., do here by undertake to pay the amount due and payable under this guarantee without any demur, merely on a demand from the Government stating that the amount claimed is required to meet the recoveries due or likely to be due from the said Contractor. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. ……..……..……. (Rupees……only)

4. We, ……..……..……. (indicate the name of the Bank) ……..……..……., further undertake to pay the Government any money so demanded notwithstanding any dispute or disputes raised by the contractor in any suit or proceeding pending before any Court or Tribunal, our liability under this Bank Guarantee being absolute and unequivocal. The payment so made by us under this Bank Guarantee shall be a valid discharge of our liability for payment there under and the Contractor shall have no claim against us for making such payment.

5. We, ……..…….. (indicate the name of the Bank) ……..……., further agree that the Government shall have the fullest liberty without our consent and without affecting in any manner our obligation here under to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Contractor from time to time or to postpone for any time or from time to time any of the powers exercisable by the Government against the said contractor and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation or extension being granted to the said Contractor or for any forbearance, act of omission on the part of the Government or any indulgence by the Government to the said Contractor or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

6. We, …….. (indicate the name of the Bank) ……..., further agree that the Government at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor at the first instance without proceeding against the Contractor and notwithstanding any security or other guarantee the Government may have in relation to the Contractor's liabilities.

7. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor.

8. We, ……..…….. (indicate the name of the Bank) ……..……, undertake not to revoke this guarantee except with the consent of the Government in writing.

9. This Bank Guarantee shall be valid up to……. ……. unless extended on demand by the Government. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs.…… (Rupees ……..…….. only) and unless a claim in writing is lodged with us within the date of expiry or extended date of expiry of this guarantee, all our liabilities under this guarantee shall stand discharged.
   Date ……

Witnesses:

1. Signature……..
   Name and address

Authorized signatory
Name
Designation
Staff Code No.
Bank Seal

2. Signature……..
   Name and address

*Date to be worked out on the basis of validity period of 90 days where only financial bids are invited and 180 days for two/three bid system from the date of submission of tender.

**In paragraph 1, strike out the portion not applicable. Bank Guarantee will be made either for earnest money or for performance guarantee/security deposit/mobilization advance, as the case may be.

AFFIDAVIT

I / We have submitted a bank guarantee for the work _____*(Name of work)*
Agreement No. _____
Dated _____from_____
(Name of the Bank with full address) to the Executive Engineer _____with a view
(Name of the Division)
to seek exemption from payment of performance guarantee in cash. This Bank guarantee expires on _____. I / We undertake to keep the validity of the bank guarantee intact by getting it extended from time to time at my / our own initiative up to a period of _____ months after the recorded date of completion of the work or as directed by the Engineer in charge.

I / We also indemnify the Government against any losses arising out of non-encashment of the bank guarantee if any.

(Deponent)
Signature of Contractor

Note: The affidavit is to be given by the Executants before a first class Magistrate.

C.P.W.D.-7

GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT

STATE: Rajasthan ZONE: CE, Jaipur DIVISION : JCED

Percentage Rate Tender & Contract for Works

Tender for the work of **RMO Sub station Equipments i/c pump set and compound light for Resdl./ Non Resdl. Buildings at NSTI, Jaipur. (SH: - Electrical Work in Conference hall)**

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(i) To be uploaded by 3:00 PM on 10/11/2026* to Assistant Engineer (E), Jaipur Central Electrical Sub-Division-II, CPWD, Jaipur/ upload at website www.etender.cpwd.gov.in and www.eprocure.gov.in

(ii) To be opened in presence of tenderers who may be present at 3:30 PM on 10/11/2026* in the office of Assistant Engineer (E), Jaipur Central Electrical Sub-Division-II, CPWD, Jaipur.

TENDER

I/We have read and examined the Notice Inviting Tender, Schedule A, B, C, D, E & F, Specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, Clauses of Contract, Special Conditions, Schedule of Rate and other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified for the President of India within the time specified in Schedule 'F', viz. Schedule of Quantities and in accordance in all respects with the Specifications / Special conditions, Designs, Drawings and instructions in writing as referred to in this tender document and with such materials as are provided for, by and in respects in accordance with, such conditions so far as applicable.

I/we agree to keep the tender open for **30 (Thirty) days** from the due date of its opening in case of single bid system ~~**75 (Seventy Five) days** from the date of opening of technical bid in case tenders are invited on 2 /3 bid/ system for specialised work~~ and not to make any modification in its terms and conditions.

I/We have deposited EMD for the prescribed amount in the office of concerned Executive Engineer as per the bid document.

A copy of earnest money deposit receipt of prescribed amount deposited in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee (as prescribed) issued by a Commercial Bank is scanned and uploaded. If I/we fail to furnish the prescribed Performance Guarantee within prescribed period, I/we agree that the President

of India or his successor in office shall without prejudice to any other right or remedy be at liberty to forfeit the said Earnest Money absolutely. Further if I/we fail to commence the work as specified. I/we agree that President of India or his successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said Performance Guarantee absolutely. The said Performance Guarantee shall be a guarantee to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form.

Further, I/We agree that in case of forfeiture of Performance Guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work.

I / We undertake and confirm that eligible similar work(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I/we shall be debarred for tendering in CPWD in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.

I/We hereby declare that I/we shall treat the tender documents, drawings and other records connected with the work as Secret / Confidential documents and shall not communicate information / derived there from to any person other than a person to whom I/we am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the State.

Dated: XX
Witness: - XX
Address: - XX
Occupation: - XX

Signature of Contractor .....
Postal Address: -

Telephone No.
Fax:-
E-Mail:-

ACCEPTANCE

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for and on behalf of the President of India for a sum of Rs. ……..... (Rupees……)

The letters referred to below shall form part of this contract agreement:-

(a)

(b)

(c)

For & on behalf of the President of India.

Signatures.....

Dated: Designation.....

(xxx) – to be filled by EE.

SCHEDULE 'A' to 'F'

SCHEDULE 'A'

Schedule of quantities : **As per BOQ attached on page no. 48-50**

SCHEDULE 'D'

Extra schedule for specific requirements/ documents for the work, if any

1. Additional Conditions
2. Additional Specifications
3. Special Conditions

SCHEDULE 'E'

Reference to General Conditions of Contract:

General Conditions of Contract 2023 for Maintenance Works in CPWD as amended / modified upto the previous date of submission of Bid.

Name of Work **: RMO Sub station Equipments i/c pump set and compound light for Resdl./ Non Resdl. Buildings at NSTI, Jaipur. (SH: - Electrical Work in Conference hall)**

Estimated Cost of work: **Rs. 4,00,180/-**

Earnest Money : **Rs. 8,004/-**
(to be returned after receiving performance guarantee)

Performance Guarantee: (a) **5% (Five percent)** of tendered value **OR Estimated cost Put to Tender (ECPT) (whichever is higher)** as per **OM NO. DG/CON/Construction 2023/20 dated 27.02.2026.**

(b) Where the tendered amount is less than eighty percent (80%) of the Estimated Cost Put to Tender (ECPT), the Performance Guarantee, in addition to the requirement under (a) above, shall be increased by an amount equal to the difference between eighty percent (80%) of the ECPT and the tendered amount.

Security Deposit: 2.5% of the accepted tendered value of work

SCHEDULE 'F':

General Rules & Directions:-

	Officer Inviting Tender	**:**	**Assistant Engineer (E)-II CPWD, Jaipur**
	Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3	**:**	Refer Clause-12
	Definitions:-		
2 (v)	Engineer-In-Charge	**:**	**Assistant Engineer (E)-II CPWD, Jaipur or successor thereof**
2 (viii)	Accepting Authority	**:**	**Assistant Engineer (E)-II CPWD, Jaipur**
2 (x)	Percentage on cost of materials and labour to cover all overheads and profits	**:**	15%
2 (xi)	Standard Schedule of Rates (Electrical)	**:**	DSR(E&M) 2025 for electrical works with up-to-date correction slips & Market rates
2 (xii)	Department	**:**	Central Public Works Department
9(ii)	Standard CPWD Contract (civil & electrical)		General Conditions of Contract 2023 for Maintenance works, CPWD Form-7 as amended / modified upto the previous date of submission of Bid
Clause-1			
(i)	Time allowed for submission of performance guarantee, Programme Chart (Time and progress) and applicable Labour licenses, registration with EPFO, ESIC and BOCW Welfare Board including provident fund Code No. or proof of applying thereof from the date of letter of acceptance.		**07 days**
(ii)	Maximum allowable extension with late fee @ **0.1 % per day** of performance guarantee amount beyond the period as provided in (i) above		**03 days**

Clause-2	Authority for fixing compensation under clause-2.		**Executive Engineer (E), CPWD, Jaipur or his successor thereof.**
Clause-5	Number of days from the date of issue of letter of acceptance for reckoning date of start.		10 days

TABLE OF MILE STONES

S. No.	Description of Milestone (Physical & Financial)	Time allowed in days (from date of start)	Amount to be with-held in case of non-achievement of milestone

Time allowed for execution of work	:	**01 (One) Month**

Authority to decide			
(i)	Extension of time for completion of work.	**:**	**Executive Engineer (E) CPWD, Jaipur**
(ii)	Re-scheduling of Mile stone	**:**	**Executive Engineer(E), CPWD, Jaipur or his successor thereof**
(iii)	Shifting of date of start in case of delay in handing over of site.	**:**	**Executive Engineer(E), CPWD, Jaipur or his successor thereof**

Proforma of Schedule:

Clause-5

Schedule of handing over of site:

Part	Portion of Site	Description	Time Period for handing over reckoned from date of issue of letter of intent
Part A	**Portion without any hindrance**	Full site	07 Days
Part B	**Portions with encumbrances**	NIL	Not Applicable
Part C	**Portions dependent on work of other agencies**	NIL	Not Applicable

Schedule of issue of Designs:

Part	Portion of Design	Description	Time Period for issue of design reckoned from date of receipt of tenders
Part A	**Portion already in NIT**	As per the scope of work mentioned in the bid document.	
Part B	**E&M Designs to be issued**	All required designs & drawings of services of E&M works covered in the scope of the work.	To be submitted by the contractor for approval of the Department as per NIT conditions and as per the milestones mentioned.

Clause-5.2	Nature of Hindrance Register (either Physical or Electronic)		**Online system**
CLAUSE 5.4	Schedule of rate of recovery for delay in submission of the modified programme in terms of delay days. Recovery to be made on per day of delay at the rate specified as under :-		As per table below
SI. No.	**Contract Value**		**Recovery (Rs)**
I	Less than or equal to Rs 1 Crore		500
II	~~More than Rs 1 crore but equal to Rs 5 Crore~~		~~1000~~
III	~~More than Rs 5 crore but equal to Rs 20 Crore~~		~~2500~~
IV	~~More than 20 Crore~~		~~5000~~
Clause-6	Computerised Measurement Book (CMB) / Electronic Measurement Book (EMB) Mode of Measurement :		**EMB**
Clause-7	Gross work to be done together with net payment / adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment.		**Rs. 2.00 Lakh**
Clause-7A	Whether Clause-7A shall be applicable.		**Yes**

Clause-7B	Payment to Third Party		**Applicable**
CLAUSE 8A			
	Authority to decide compensation on account if contractor fails to submit completion plans.		**Executive Engineer (E) CPWD, Jaipur or his successor thereof**
Clause-10A	**List of testing equipment to be provided by the contractor at site lab**		As per requirement of work and instructions of Engineer-in-charge.
Clause-10B(ii)	Whether clause 10-B(ii) shall be applicable.		**No**
Clause-10C			**Not Applicable**
Clause-10CA			**Not Applicable**
Clause :10CC			**Not Applicable**

Clause-11	Specifications to be followed for Execution of work	(A) C.P.W.D. Specifications 2019 Vol. I & II with correction slips upto the previous date of submission of Bid and as per manufacturer's specification i/c special conditions & particular specifications (for Civil items) (B) CPWD General Specifications for Electrical Works as amended up-to date, correction slip relevant IE Rules, BIS / IEC (for E&M items)

Clause-12	**Type of work**	**Upgradation/Maintenance Work**
	Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2C	**See Below**
12.2C	Deviation Limit beyond which clauses12.2C shall apply	**No Limit**
Clause-16	Competent Authority for deciding reduced rates	**Executive Engineer (E) CPWD, Jaipur**
Clause-18	List of mandatory machinery, tools & plants to be deployed by the contractor at site:	As per requirement of work and instructions of Engineer-in-charge.

Clause-19	Competent Authority to decide penalty for each default		
Clause 19C	Competent Authority to decide penalty for each default		**Assistant Engineer (E)-II CPWD, Jaipur or his successor thereof**
Clause 19D	Competent Authority to decide penalty for each default		**Assistant Engineer (E)-II CPWD, Jaipur or his successor thereof**
Clause 19G	Competent Authority to decide penalty for each default		**Assistant Engineer (E)-II CPWD, Jaipur or his successor thereof**
Clause 19K	Competent Authority to decide penalty for each default		**Assistant Engineer (E)-II CPWD, Jaipur or his successor thereof**
Clause-25			
(i)	Conciliator		SDG-Chandigarh
(ii)	Arbitrator Appointing Authority		Chief Engineer (Jaipur) CPWD, Jaipur
(iii)	Place of Arbitration		Jaipur / Online
Clause-32	**"Requirement of Technical Representative (s) and Recovery Rate"**		

	Requirement of Technical Staff		**Minimum experience (Years)**	**Designation of Technical Staff**	**Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of Cl. 32**
S. No	**Qualification**	**Number**			**Figures**
1.	Graduate or Diploma Engineer	1	2 or 5 Years respectively	Project/Planning/Quality/Site/ Billing Engineer	Rs. 15,000/- Per month per person

Assistant Engineers retired from Government Services that are holding Diploma will be treated at par with Graduate Engineers.

Diploma holder with minimum 10 years relevant experience with a repute construction co. can be treated at par with Graduate Engineers for the purpose of such deployment subject to the condition that such diploma holders should not exceed 50% of requirement of degree engineers.

(**On non-judicial stamp paper of minimum Rs. 100)**
(Guarantee offered by Bank to CPWD in connection with the execution of contracts)
Form of Bank Guarantee for Earnest Money Deposit / Performance Guarantee/ Security Deposit/Mobilization Advance

10. Whereas the Executive Engineer …… (name of division) ……. CPWD on behalf of the President of India (hereinafter called "The Government") has invited bids under…….…… (NIT number) ……..……..……..……..…… dated ……. for…….……..……..…… (name of work) ……..……..……..……..……..……..……. The Government has further agreed to accept irrevocable Bank Guarantee for Rs. ……. ……. (Rupees ……..……..……..……..……only) valid upto ……..……..…… (date)* …… as Earnest Money Deposit from …….…… (name and address of contractor) ……..…… (hereinafter called "the contractor") for compliance of his obligations in accordance with the terms and conditions of the said NIT.

OR**

Whereas the Executive Engineer ……..……. (name of division)…… , CPWD on behalf of the President of India (hereinafter called "The Government") has entered into an agreement bearing number…… with ……..…… (name and address of the contractor) ……(hereinafter called "the Contractor") for execution of work ……..…… (name of work) ……..……..…… The Government has further agreed to accept an irrevocable Bank Guarantee for Rs. ……..…… (Rupees……..…… only) valid upto……..…… (date) ……..…… as Performance Guarantee/Security Deposit/Mobilization Advance from the said Contractor for compliance of his obligations in accordance with the terms and conditions of the agreement.

11. We, ……..……. (indicate the name of the bank) …… (hereinafter referred to as "the Bank"), hereby undertake to pay to the Government an amount not exceeding Rs. ……..……. (Rupees ……..……..…… only) on demand by the Government within 10 days of the demand.

12. We, ……..……. (indicate the name of the Bank) ……..……..……., do here by undertake to pay the amount due and payable under this guarantee without any demur, merely on a demand from the Government stating that the amount claimed is required to meet the recoveries due or likely to be due from the said Contractor. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. ……..……..……. (Rupees……only)

13. We, ……..…….. (indicate the name of the Bank) ……..……., further undertake to pay the Government any money so demanded notwithstanding any dispute or disputes raised by the contractor in any suit or proceeding pending before any Court or Tribunal, our liability under this Bank Guarantee being absolute and unequivocal. The payment so made by us under this Bank Guarantee shall be a valid discharge of our liability for payment there under and the Contractor shall have no claim against us for making such payment.

14. We, ……..…….. (indicate the name of the Bank) ……..……., further agree that the Government shall have the fullest liberty without our consent and without affecting in any manner our obligation here under to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Contractor from time to time or to postpone for any time or from time to time any of the powers exercisable by the Government against the said contractor and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation or extension being granted to the said Contractor or for any forbearance, act of omission on the part of the Government or any indulgence by the Government to the said Contractor or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

15. We, ……..…….. (indicate the name of the Bank) ……..……., further agree that the Government at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor at the first instance without proceeding against the Contractor and notwithstanding any security or other guarantee the Government may have in relation to the Contractor's liabilities.

16. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor.

17. We, ……..…….. (indicate the name of the Bank) ……..……, undertake not to revoke this guarantee except with the consent of the Government in writing.

18. This Bank Guarantee shall be valid up to……. ……. unless extended on demand by the Government. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs.……(Rupees ……..…….. only) and unless a claim in writing is lodged with us within the date of expiry or extended date of expiry of this guarantee, all our liabilities under this guarantee shall stand discharged.
Date ……

Witnesses:

1. Signature……..
   Name and address

Authorized signatory
Name
Designation
Staff Code No.
Bank Seal

2. Signature……..
   Name and address

*Date to be worked out on the basis of validity period of 90 days where only financial bids are invited and 180 days for two/three bid system from the date of submission of tender.

**In paragraph 1, strike out the portion not applicable. Bank Guarantee will be made either for earnest money or for performance guarantee/security deposit/mobilization advance, as the case may be.

CONDITIONS FOR ENGAGEMENT OF ASSOCIATED AGENCIES FOR E&M WORKS

1. The lowest tenderer has to submit electrical contractor license and experience certificate issued by competent authority within two weeks of award of work in case he himself is eligible for carrying internal EI & other specialized E&M work as per eligibility criteria mentioned in **Schedule-F**, and if not, then he will associate specialized agencies as per eligibility criteria mentioned in **Schedule-F.** The main contractor shall submit the details of such specialized agencies to be associated in **Annexure-A** within two weeks of award of work. Following documents for association of electrical contractors for internal EI work or other specialized E&M Works shall be submitted by main contractor to the Executive Engineer (E), Jaipur Central Electrical Division, CPWD, Jaipur in charge for deciding the eligibility: -

A. Willingness from an eligible electrical contractors/specialized agency to get associated with the applicant for execution of the electrical component of works as per the conditions set out in the MOU as per the proforma given in **Annexure-B** to be signed between the contractor and the associated eligible electrical contractor/ specialized agency.

B. ~~For association of Electrical contractor for electrical works: -~~
~~(i) Copy of their registration documents with CPWD (if applicable)~~
~~(ii) Copy of Electrical Contractor's License issued by competent authority~~
~~(iii) Copy of Goods and Service Tax (GST) Registration~~
~~(iv) Copy of ESIC and EPF Registration.~~

OR

For association of Electrical contractor for specialized E&M works: -
(i) Copy of Completion Certificate as per eligibility criteria mentioned in Schedule-F issued by competent authority.
(ii) Copy of Valid electrical contractor license
(iii) Copy of Goods and Service Tax (GST) Registration
(iv) Copy of ESIC and EPF Registration.

(Copy of all above documents will be self-attested by the main agency and associated agency.)

C. MOU signed on Rs. 100/- with eligible electrical contractor/specialized agency meeting the eligibility criteria and same as specified for specialized works. The MOU in the enclosed form as per **Annexure-C** shall be signed by both the parties i.e. contractor as 1st party and associated electrical contractor as 2nd party.

2. In the event of the concerned E&M agency not performing satisfactorily or failure of associate to complete the E&M work, the contractor on the written direction of the department, shall remove the Associate deployed on the work and shall submit name of new associate who fulfill the conditions mentioned in NIT to execute the leftover work without any loss

of time or variation in cost to the department in this regard. Contractor shall meet all the guarantee for the equipments already supplied for which payment has been released by the Deptt. in part. If any equipment supplied for the work, during the currency of the earlier Associate and paid partly by the Deptt., becomes redundant /not in a position to be installed and commissioned and put to beneficial use due to change in agency for execution of E&M work, the contractor shall be liable for replacement of the equipment(s) at no cost to Department**.** No change of Associated Electrical Contractor /Specialized Agency will be allowed without prior approval of the EE(E) Jaipur Central Electrical Division, CPWD, Jaipur.

3. The contractor/ specialized agency shall be responsible and liable for proper and complete execution of the Electrical work and ensure coordination and completion of both civil and electrical work.

4. The associate contractor/specialized agency along with contractor shall attend the inspection of the work by the Engineer-in-Charge of E&M works as and when required.

5. The associate or contractor/specialized agency shall sign a tripartite Agreement/Contract along with the main tenderer and the departmental officer, for technical compliance of specification, guarantee etc.

6. The associate or contractor/ specialized agency shall attend the inspection of the work by the Engineer-in-Charge of E&M works as and when required.

Annexure-A

PROPOSAL FOR ASSOCIATING ELECTRICAL AGENCIES for ELECTRICAL INSTALLATION

We hereby propose the following electrical agencies as per details mentioned against each. Their Willingness Certificates are also attached as per **Annexure-B**.

S. No.	Name of electrical contractor/ Firm	Category and class of registration in CPWD	Registration No.	Electrical License	Validity of registration	Consent letter attached (yes/No)
1.						
2.						
3.						

Note: - A copy of registration order shall be attached for each agency.

Contractor's signature

Annexure-C

Memorandum of understanding
Rs. 100/- Non-judicial stamp

This Memorandum of Understanding (MOU) is made on the _____ at _____

Between

M/s _____ (Main Contractor) having his registered office at _____ which expression shall unless repugnant to the subject or context include its administrators, successors and assigns.
And

M/s _____ (Associate contractor) registered in CPWD as class : _____ Electrical contractor and having his registered office at _____ which expression shall unless repugnant to the subject or context include its administrators, successors and assign.

Whereas, the Central Public Work Department, have issued tender papers to quote for the following work to M/s _____(Main Contractor).

Name of work: **RMO Sub station Equipments i/c pump set and compound light for Resdl./ Non Resdl. Buildings at NSTI, Jaipur. (SH: - Electrical Work in Conference hall)**

Whereas, This Memorandum of Understanding has been entered into to execute the above work by the Main Contractor and Associate Contractor.

Whereas, both the parties have gone through and understood the various conditions and clauses of the tender and willingly agree to abide by them.

This MOU shall be valid till the duration of completion of above work and shall be extended if so, required by the CPWD.

Now, therefore it is agreed between the parties here to as follows: -

1. The associated contractor shall completely execute, perform and do all the works mentioned and described in the main agreement for its water proofing work components according to the specifications, terms and conditions etc. of the main agreement.
2. The associated contractor shall execute and complete the works in all respect up to full satisfaction of the CPWD officers and attend to them during their inspection at site, meetings etc., whenever required by the CPWD officers.

3. The cost of water proofing work executed by the associated contractor will include the cost of all the materials, accessories, equipments, tools & plants, laborers technical persons required etc. in all respect.
4. The associated contractor is responsible for getting recorded measurements and preparation, submissions & pursuance of payment of the bills of the work done for electrical portion of the main agreement.
5. The rate will be as per the schedule enclosed.
6. The Quantity will be as per actual measurement as received from CPWD to main contractor and the rate will be as per the mutually agreed.
7. The payment to associate contractor will be released after the payment to main contractor is made by the CPWD.
8. The technical staff required for the associate discipline shall be of associate contractor.
9. The guarantee of the execution after the completion of the work shall be responsibility of the associate contractor as required by the CPWD.
10. There is Service Tax (GST) liability; work being related to the construction of the Central Govt. Deptt. However, if any liability of the Service Tax (GST) is imposed on the associated contractor then it will be paid by main contractor.
11. Either party shall not repudiate the contract in mid-way without the consent of each other. Otherwise, it will be treated as breach of agreement for any reason whatsoever.
12. The main agency shall be solely responsible for deferment & rescheduling of each milestone fixed as per contract documents and in such eventuality, the consequences arising out of the same rests on main agency.
13. The main contractor only shall be responsible for getting extension of delay regularized and liability what so ever flowing out shall lies with them. There shall be no direct or indirect impact on associate contractor.
14. TDS shall be deducted by the main contractor as per Income Tax law from associated agency. In case liability of tax other than Income Tax (Such as GST, or any other mechanism formed) is levied on associated contractor then the main agency will reimburse it in full to associated agency.
15. The associated contractor shall be bound to execute work up to a deviation limit as specified in schedule F, clause 12 in quantities of items of work at the agreement rate. Beyond deviation limit the rates will be decided by main & Associated contractor on mutually agreed basis.
16. For the items such as extra items, substitute items and new items other than the items of main agreement, if any incorporated in the work, then the main contractor shall pay the full amount so approved to the associate contractor.
17. The validity of rates shall be _____ months after finalization & acceptance of MOU by the competent authority.
18. In case main contractor delays the payment to associated contractor after the payment is released by department to the main contractor then on

receipt of delay in payment from associate contractor the CPWD shall directly make the payment to associated contractor.

19. The main contractor shall at their cost provide necessary requisite arrangement for storage of material.
20. Sand & cement used in the electrical work shall be provide by main contractor.
21. Security Deposit as deducted by the CPWD will be reimbursed by main contractor to associate contractor. However associated contractor will deposit 2½% of Agreement amount of Rs. _____ in shape of FDR towards S/D to be retained by main contractor which will refunded to associated contractor after completion of electrical work.
22. The Income tax, Commercial tax and labour Cess tax deducted by the CPWD from the bills of water proofing work shall be reimbursed by the main contractor in favour of the associated contractor accordingly.

In witness whereof we have put our hand seal on date _____.

Enclose: - Schedule of rates.

Signature

(Associate Contractor)
Address: _____

Signature

(Major Contractor)
Address: _____

WILLINGNESS CERTIFICATE

Name of work: RMO Sub station Equipments i/c pump set and compound light for Resdl./ Non Resdl. Buildings at NSTI, Jaipur. (SH: - Electrical Work in Conference hall) .

I hereby give my willingness to work as Associate Specialized Agency for electrical component of the above mentioned work.

I will execute the work as per specifications and conditions for the agreement and as per direction of the Engineer-in-Charge. Also, I will engage full time technically qualified supervisor/engineer for the works. I will attend inspection of officers of the department as and when required.

Dated:

Signature of the Associate Specialized Agency

TERMS AND CONDITIONS FOR INTERNAL AND EXTERNAL ELECTRICAL WORKS

General Commercial & Technical Conditions:

1.0 All the works shall be carried out as per CPWD General specification for Electrical Works, Part-I (Internal)-2023; Part-II (External) 2023, Part-IV (Sub-Station), amended up to date and should also comply with relevant provisions of the Indian Electricity Rules and Acts as applicable, amended up to date.

2.0 The contractor is advised to visit the site of work to have an idea of the execution of the work; failure to do so shall not absolve their responsibility to do the work as specified in agreement.

3.0 **Rates:**

3.1. The work shall be treated as on works contract basis and the rates tendered shall be for complete items of work inclusive of all taxes including GST, duties, and levies etc. and all charges for items contingent to the work, such as packing, forwarding, insurance, freight and delivery at site for the materials to be supplied by the contractor, watch and ward of all materials for the work at site etc.

3.2. Prices quoted shall be firm.

4.0 **Mobilization Advance:**
No mobilization advance shall be paid for the work, unless otherwise stipulated in tender papers for any individual works/ composite work.

5.0 **Completeness of Tender:**
All sundry fittings, assemblies, accessories, hardware items, foundation bolts, termination lugs for electrical connections as required, and all other sundry items which are useful and necessary for proper assembly and efficient working of the various components of the work shall be deemed to have been included in the tender, whether such items are specifically mentioned in the tender documents or not.

6.0 **Works to be done by the contractor:**
Unless and otherwise mentioned in the tender documents, the following works shall be done by the contractor, and therefore their cost shall be deemed to be included in their tendered cost: -

(i) Cutting and making good all damages caused during installation and restoring the same to their original finish.

(ii) Sealing of all floor openings provided by him for pipes and cables, from fire safety point of view, after laying of the same.

(iii) Painting at site of all exposed metal surfaces of the installation other than pre-painted items like fittings, fans, switchgear/distribution gear items, cubicle switchboard etc. Damages to finished surfaces of these items while handling and erection, shall however be rectified to the satisfaction of the Engineer-in-Charge.
(iv) Testing and commissioning of completed installation.
(v) Storage space for all equipments, components and materials for the work.

7.0 **Storage and Custody of Materials:**

The contractor has to make his own arrangement for the storage of the material at site & necessary watch and ward of the electrical installation during the execution of work till the same is handed over to the department. No extra payment will be made on this account. The storage space shall however be arranged by the department at site, if available.

The main contractor shall arrange for proper storage of the electrical fans and fittings at site and that double lock system shall be arranged for the fans and fittings after receipt at site until the time they are taken for installation. The contractor shall however be responsible for proper storage and safe custody of the same till their installation and handing over to the department.

8.0 **Electric Power Supply and Water Supply:**

Power and water supply will be arranged by the contractor at the site for installation and testing purpose.

Contractor will take due care to ensure safety of electrical installation during execution of work.

9.0 **Tools for handling and Erecting:**

All tools and tackles required for handling of equipments and materials at site of work as well as for their assembly and erection and also necessary test instruments shall be the responsibility of the contractor.

10.0 **Payment Terms:**

The following percentage of contract rates for the various items included in the contract shall be payable against the stage of work shown herein.

i) 70% after initial inspection (wherever specified) & delivery at site in good condition on pro-rata basis.
ii) 20% after completion of installation in all respects.
iii) Balance 10% will be paid after testing, commissioning and handing over to the department for beneficial use.

11.0 **Co-ordination with other agencies:**

The contractor shall co-ordinate with all other agencies involved in the building work so that the building work is not hampered due to delay in his work. Recessed conduit and other works, which directly affect the progress of building work, should be given priority.

11.1. **Care of buildings:**

Care shall be taken by the contractor to avoid damage to the building during execution of his part of the work. He shall be responsible for repairing all damages and restoring the same to their original finish at his cost. He shall also remove, at his costs, all unwanted and waste materials arising out of his work, from the site.

12.0 **Structural Alterations to Buildings:**

(i) No structural member in the building shall be damaged/altered, without prior approval from the competent authority through the Engineer-n-charge.

(ii) Structural provisions like openings, cutouts, if any, provided by the department for the work, shall be used. Where these required modifications, or fresh provisions are required to be made, such contingent works shall be carried out by the contractor at his cost.

(iii) All such openings in floors provided by the department shall be closed by the contractor after installing the cables/conduits/rising mains etc. as the case may be, by any suitable means as approved by the Engineer-in-charge without any extra payment.

(iv) All chases required in connection with the electrical works shall be provided and filled by the contractor at his own cost to the original architectural finish of the buildings.

13.0 **Addition to an installation:**

Any addition, temporary or permanent, to the existing electrical installation shall not be made without a properly worked out scheme/design by a qualified Electrical Engineer to ensure that such addition does not lead to overloading, safety violation of the existing system.

14.0 **Work in Occupied Buildings: Deleted**

15.0 **Drawings:**

i) After award of the work, the firm will be required to submit the drawings for the proposed work including layout plan, conduit routes etc. Work will be carried out as per the approved drawings.

ii) The work shall be carried out in accordance with the drawings and the tender documents and also in accordance with modification thereto from time to time as approved by the Engineer-in-charge.

iii) All wiring diagrams shall be deemed to be 'Drawings' within the meaning of the term as used in Clause 11 of the conditions of contract (PWD 7). They shall indicate the main switch board, the distribution boards (with circuit numbers controlled by them), the runs of various mains and sub mains and the position of all points with their controls.

iv) All circuits shall be indicated and numbered in the wiring diagram and the points shall be given the same number as the circuit to which they are electrically connected.

16.0 **Conformity to IE act, IE Rules, and standards:**

16.1. All electrical works shall be carried out in accordance with the provisions of Indian Electricity Act, 2003 and Indian Electricity Rules, 1956 amended up to date (Date of call of tender unless specified otherwise). List of rules of particular importance to electrical installations under these General Specifications is given in Appendix C for reference.

17.0 **General requirements of components:**

17.1. **Quality of material:** All materials and equipments supplied by the contractor shall be new and must be in Original seal-pack. They shall be of such design, size and materials as to satisfactorily function under the rated conditions of operation and to withstand the environmental conditions at site.

18.0 **Inspection of materials and equipments:**

18.1. Materials and equipments to be used in the work shall be inspected by the departmental officers. Such inspection will be of following categories:

(i) Inspection of materials / equipments may be witnessed at the Manufacturer's premises in accordance with relevant BIS /Agreement Inspection Procedure.

(ii) To receive materials at site with Manufacturer's Test Certificate(s)

(iii) To inspect materials at the authorized dealer's go downs to ensure delivery of genuine materials at site.

(iv) To receive materials after physical inspection at site.

18.2. Adequate care to ensure that only tested and genuine materials of proper quality are used in work shall be ensured by firm. The firm shall ensure that:

(i) Material will be ordered & delivered at site only with the prior approval of the department to ensure timely delivery.

(ii) As and when the order is placed for the fittings/ fixtures, cables, switchgears, poles, rising main, other main items etc., its copy shall be endorsed to the CPWD Engineer-in-charge.

(iii) The firm will be required to procure material like exhaust fans, MCB's & DB's, switches & sockets, wires & cables, conduits and switchgears etc. directly from the manufacturer/ authorized dealers to ensure genuineness & quality and as per the approved makes only. Proof in this regard shall be submitted by the contractor if required by the department.

(iv) Inspection at factory or at go down of the manufacturer, as required, shall be arranged by the firm for a mutually agreed date.

(v) Delivery of material shall be taken up only with the consent of department, after clearance of the material.

(vi) Department shall reserve the right to waive inspection in lieu of suitable test certificate, at its discretion.

18.3. Similarly, for fabricated equipments, the contractor will first submit dimensional detailed drawings for approval before fabrication is taken up in the factory. Suitable stage inspection at factory also will be made to ensure proper use of materials, workmanship and quality control.

19.0 **Ratings of components:**

19.1. All components in a wiring installation shall be of appropriate ratings of voltage, current and frequency, as required at the respective sections of the electrical installations in which they are used.

19.2. All conductors, switches and accessories shall be of such size as to be capable of carrying the maximum current, which will normally flow through them, without their respective ratings being exceeded.

20.0 **Conformity to standards:**

20.1. All components shall conform to relevant Indian Standard Specifications wherever existing. Materials with ISI certification mark shall be preferred.

20.2. Relevant Indian Standards including amendments or revisions thereof up to the date of tender acceptance shall be applicable in the respective contracts for respective items, firm to ensure its compliance.

21.0 **Interchangeability:**

Similar parts of all switches, lamp holders, distribution fuse boards, Switch gears, ceiling roses, brackets, pendants, fans and all other fittings of the same type shall be interchangeable in each installation.

22.0 **Workmanship:**

22.1. Good workmanship is an essential requirement to be complied with. The entire work of manufacture/fabrication, assembly and installation shall conform to sound engineering practice.

22.2. Proper supervision/skilled workmen: The contractor shall be a licensed electrical contractor of appropriate class suitable for execution of the electrical work. He shall engage suitably skilled/licensed workmen of various categories for execution of work supervised by supervisors / Engineer of appropriate qualification and experience to ensure proper execution of work. They will carry out instruction of Engineer-in-charge and other senior officers of the Department during the progress of work.

22.3. Use of quality materials: Only quality materials of reputed make as specified in the tender will be used in work.

22.4. Fabrication in reputed workshop: Switch boards and LT panels shall be fabricated in a factory/workshop having modern facilities like quality fabrication, seven tank process, powder/epoxy paint plant, proper testing facilities, manned by qualified technical personnel. These shall be as per make / item approved.

23.0 **Testing:**

All testes prescribed in this General Specification, to be done before, during and after installation, shall be carried out, and the test results shall be submitted to the Engineer-in-charge in prescribed Performa, forming part of the Completion Certificate.

24.0 **Commissioning on completion:**

After the work is completed, it shall be ensured that the installation is tested and commissioned.

25.0 **Completion plan and completion certificate:**

25.1. For all works completion certificate after completion of work as given in Appendix –E of CPWD Specification shall be submitted to the Engineer-in-charge.

25.2. Completion plan drawing indicating the following, along with three copies of the same shall also be submitted.

(i) General layout of the building.

(ii) Locations of main switchboard and distribution boards, indicating the circuit numbers controlled by them.

(iii) Position of all points and their controls.

(iv) Types of fittings, viz. LED Light fixtures, pendants, brackets, bulk head, Ceiling fans, exhaust/fresh air fans etc.

(v) Name of work, job number, tender reference, actual date of completion, names of Division/ Sub-division and name of the firm who executed the work with their signature.

26. **INTERPRETING SPECIFICATIONS**

In interpreting the specifications, the following order of decreasing importance shall be followed in case of contradictions:

(a) Schedule of quantities

(b) Technical specifications

(c) Drawing (If any)

(d) General Specifications

(e) Relevant BIS or other international code in case BIS code is not available.

TECHNICAL SPECIFICATIONS FOR IEI WORK

1.0 GENERAL

SCOPE OF WORK:
The specifications given below pertain to the internal electrical installation work and CPWD Specifications are to be followed.

2.0 POINT WIRING:

2.1 The wires used for the point wiring and power wiring shall be of 650 / 1100 Volts grade FRLS PVC insulated multi stranded copper conductor single core cables.

2.2 All mounting boxes for plate type accessories shall be of metallic construction and of the same make as that of the plate type switches and accessories.

3.1 COPPER AND ALUMINIUM CABLES

3.1.1. This specification covers the supply, installation, testing and commissioning of 1100 V grade cables.

3.1.2 The design, manufacture and performance of the cables should conform to the relevant IS.

4.0 MOULDED CASE CIRCUIT BREAKERS

4.1 The MCCBs shall comprise single units of triple pole/four pole construction as specified, shall be rated for 415 V AC.

4.2 All live parts shall be totally enclosed and shrouded with a heat resistant moulded insulating material housing. Operating mechanism shall be quick make, quick break and trip free type.

4.2.1 The MCCB shall be provided with the following features in microprocessor release:

a) Inverse-time-current tripping characteristics under sustained overload.
b) Instantaneous tripping on short circuit

4.2.2 MCCBs shall be of current limiting type.

4.2.3 The rated service breaking capacity (Ics) shall not be less than the ultimate short circuit breaking capacity (Ics = 100%Icu)

4.2.4 Variable Thermal setting shall be provided in all MCCB s with thermal magnetic Release.

4.2.5 All circuit breaker below 250 amps rating shall be provided with thermal magnetic release & circuit breakers of 250 amps rating and above shall be provided with Microprocessor based release unless otherwise specified.

4.3 All MCCBs shall be provided with rotary handles and links for which nothing extra shall be paid.

5.0 Additional Conditions:

5.1 GUARANTEE/WARRANTEE

The installation will be handed over to the department after necessary testing and commissioning. The LED light luminaries/ fixtures provided under the contract shall be guaranteed for a period of 5 years. 50% of the performance guarantee shall be refunded to the contractor soon after the completion of the work and recording of the completion certificate. 50% of the performance guarantee shall be retained as security deposit. 50% of the performance guarantee retained as security deposit plus 2.5 % security deposit already deducted from running bills (1.5 + 2.5 = 4%) shall be refunded year wise proportionately from the date of completion/ handing over whichever is later. In this regard contractor shall furnish an undertaking and bond for Guarantee/Warrantee of 5 years. Warrantee for the other electrical fixtures shall be one (1) year. The equipments or components, or any part thereof, so found defective during guarantee period shall be forthwith rectified/ repaired or replaced free of cost, to the satisfaction of the Engineer-in-Charge. In case it is felt by the department that undue delay is being caused by the contractor in doing this, the same will be got done by the department at the risk and cost of the contractor. The decision of the Engineer-in-charge in this regard shall be final & building on the contractor.

5.2 The contractor shall submit the relevant test certificates at the time of supply of equipment/Material.

LIST OF PREFERRED MAKES OF MATERIAL

EQUIPMENT	APPROVED MAKES
*** MCB DB	Legrand (Ekinox3)/Hager (Novello+)/ C&S (Win Trip 2) / Siemens (BetaGuard)/Schneider (Acti-9N)/ ABB (ITUS)
*** MCCB	Legrand(DPX3)/Siemens(3VA)/Schneider (Compact NSX)/C&S(Win break1) /ABB (T- Max)/ Havells (Loadline/A tron/ Q tron)
*** MCB/ELCB/RCBO/RCCB/Isolator	Legrand(DX3)/C&S(WinTrip 2)/ Hager (Novello+) /Siemens(BetaGuard)/Schneider (Acti-9)/ ABB (SB-200m)
Indicating Lamps (LED type)	Siemens / Schneider/ ABB
Push Buttons	Siemens / GE / C & S /Teknik
Connectors/ Terminal Blocks	Elmex / Connectwell / Essen
Cat 6/6A Cable	Mollex/Agilon/ Digilink/ Systimax/Belden
PVC Insulated(FRLS)Copper conductor wires/Telephone Wire/TV Wire	Finolex /LappKabel/ Grandlay/ KEI/ Polycab/ Havells/ RR Kabel/ Bonton/Plaza/Paramount
PVC Insulated (XLPE) Power Cable	Finolex /LappKabel/ Grandlay/KEI/ Polycab/ Havells/ RR Kabel/ Bonton/Plaza/Paramount
Cable Glands / End Termination	Comet/HEX / Jainsons / Braco / Dowells
Stove Enameled MS Conduit	BEC / NIC / AKG/RMCON/JP Electrical/ Steel Kraft
*** Modular type Switches, Sockets, Plugs,RJ-45& RJ-11 Telephone Jack (ISI marked)/Fan Regulators.	LEGRAND : ARTEOR PANASONIC : VISION MK: ORNA SCHNEIDER : ZENCELO Honeywell : ORNA
Industrial sockets & plugs	Legrand / SIEMENS / C&S/ HAGER/ ABB/ Schneider
BLDC Ceiling Fan	Usha/Havells/Atomberg/Bajaj/Orient/Crompton
Exhaust Fans/Fresh Air Fans/Wall Fans	Crompton/Havells/Orient/Usha/Bajaj/ Almonard
Decorative Pole/ Compound light Pole/Bollard/Street Light Pole along with Fitting	Twinkle/K-Lite/Bajaj/Jaquar/Hi-lite/Lustre/ Neri/Signify
Indoor /Outdoor LED Light Fittings/ Fixtures/Bulb/Tube/ LED Strip	Philips/LT/Wipro/Regent/Orient/Havells/Jaquar
LED Wall Bracket	Philips/Jaquar/Havells/Lustre/Decon/Regent
DLP Trunking	MK / LEGRAND/OBO BETTERMAN/ SCHNEIDER
Ceiling Roses/Conduit Accessories	Any ISI marked
GI Pipe	Jindal(Hissar)/TATA /SAIL
PVC Conduit	AKG/Precision/BLP/Polycab/Astral
Decorative Pole Light	Philips/Regent/Lighting Technology/Bajaj
Polycarbonate Junction Box / Enclosure / Pole box	Hensel / Spelsberg / Naptune-Bals/ Sintex/ Standard / CAPE Electric
HDPE/DWC Pipe	REX/Duraline/Gemini/ Keshav Kripa Polyplast (LLP)
P.A. SPEAKERS/ AMPLIFIERS	BOSCH/ BIAMP/ HONEYWELL
RACK FOR ALL (EPABX / AUDIO VIDEO / CCTV etc.)	APC INDIA / 3C3 / IMPULSE /NEXXUX / BELDEN / VALRACK

Note- Any item of make other then above said will be got approved by Engineer-in-charge before brought at site.

Assistant Engineer (E)-II
CPWD, Jaipur