

**GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT
OFFICE OF EXECUTIVE ENGINEER CUM SENIOR MANAGER (E),
MNIT PROJECT ELECTRICAL DIVISION, CPWD, JAIPUR (RAJASTHAN)**

NOTICE INVITING TENDERS

NIT No. 02/EE(E)/MNITPED/2026-27

Name of Work: Replacement of existing old overhead electrical supply lines with underground cabling & street lighting work in MNIT, Jaipur. (SH: Transformers Shifting & HT Work)

ESTIMATED COST : Rs. 96,73,401/-

EARNEST MONEY : Rs. 1,93,468/-

TIME ALLOWED : 25 Days

DATE & TIME OF SUBMISSION OF BID : 06.10.2026 up to 10:30 AM

DATE & TIME OF OPENING OF BID : 06.10.2026 at 11:00 AM

Executive Engineer cum Senior Manager (E)
MNITPED, CPWD, Jaipur

INDEX

Name of Work: - Replacement of existing old overhead electrical supply lines with underground cabling & street lighting work in MNIT, Jaipur. (SH: Transformers Shifting & HT Work)

S. No.	DESCRIPTION	Page
1.	Index	1
2.	Tender Notice	2
3.	Part – A Volume - I	3
4.	CPWD–6 for e-Tendering	4-9
5.	Receipt of Deposition of Original EMD, Form ‘A’, Form ‘B’, Form ‘C’, Form ‘D’ & Form ‘F’	10 -14
6.	Information and Instructions For Bidders For E-Tendering	15-18
7.	Part – A Volume – II	19
8.	CPWD Form no. 7, Schedules (A to F), scope of work	20-31
9.	Part-B, Conditions For Engagement of Associated Agencies, Annexure-A, Annexure-B & Annexure-C	32-39
10.	General Terms and Conditions	40-44
11.	List of preferred make	45-46
12.	Part –C - Schedule of Work	47-54
13.	Performa of Bid submission	55

NIT for above work approved **for Rs. 96,73,401/- (Rupees Ninty Six Lacs Seventy Three Thousand and Four Hundred One Only)** and contain page 01 to 55 excluding cover page.

Assistant Engineer (E) - I
MNIT Project Electrical Division
CPWD, Jaipur

Executive Engineer cum Senior Manager(E)
MNIT Project Electrical Division
CPWD, Jaipur

TENDER NOTICE

CENTRAL PUBLIC WORKS DEPARTMENT

NOTICE INVITING E-TENDER

The Executive Engineer cum Senior Manager (E), MNIT Project Electrical Division, CPWD, Jaipur (Raj.) on behalf of the President of India invites **online Percentage Rate Bids from CPWD Enlisted Contractor of appropriate class in Buildings & Roads (erstwhile composite/Building/Infrastructure) category** in single bid system for the following work:

N.I.T. No.: 02/EE(E)/MNITPED/2026-27

Name of Work: Replacement of existing old overhead electrical supply lines with underground cabling & street lighting work in MNIT, Jaipur. (SH: Transformers Shifting & HT Work)

Estimated Cost: **Rs. 96,73,401/-**

Earnest Money: **Rs. 1,93,468/-**

Construction Time Allowed: **25 Days**

Last date & time of submission of tender: **06.10.2026 up to 10:30 AM**

Last date & time of opening of tender: **06.10.2026 at 11:00 AM**

The tender form and other details can be obtained from the website <https://etender.cpwd.gov.in> or www.cpwd.gov.in

**EE & SM(E)
MNIT Project Electrical Division
CPWD, Jaipur**



GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT
O/o SE cum PD, MNIT Project Circle, Jaipur



BID DOCUMENT

PART-A

Volume I

Name of work: Replacement of existing old overhead electrical supply lines with underground cabling & street lighting work in MNIT, Jaipur. (SH: Transformers Shifting & HT Work)

CPWD-6 FOR e-TENDERING

 सत्मेवजयते	GOVERNMENT OF INDIA CENTRAL PUBLIC WORKS DEPARTMENT	 CPWD
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1. **The Executive Engineer cum Senior Manager (E), MNIT Project Electrical Division, CPWD, Jaipur (Raj.)** on behalf of the President of India invites online Percentage Rate Bids from **CPWD Enlisted Contractor of appropriate class in Buildings & Roads (erstwhile Composite/Building/Infrastructure) category** in single bid system for the following work:

Replacement of existing old overhead electrical supply lines with underground cabling & street lighting work in MNIT, Jaipur. (SH: Transformers Shifting & HT Work)

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

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

The work is estimated to cost **Rs. 96,73,401/-**

This estimate, however, is given merely as a rough guide.

2. Agreement shall be drawn with the successful bidder on prescribed Form No. CPWD-7 amended up to date which is available as a Govt. of India Publication and sample also available on website www.cpwd.gov.in. Bidder 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 **25 (Twenty Five) Days** 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.
5. The bid document consisting of drawings, 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 on website <https://etender.cpwd.gov.in> or www.cpwd.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. While 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. Earnest Money of **Rs. 1,93,468/-** in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee (for balance amount as prescribed) from any of the Commercial Banks (drawn in favour of **Executive Engineer, MNIT Project Division, CPWD, Jaipur**) shall be scanned and uploaded on 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, 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 EE in the NIT.

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 lac, whichever is less, shall have to be deposited in shape prescribed above, and balance may be deposited in shape of Bank Guarantee of any Commercial bank having validity for a period of 90 days for single bid works ~~and 180 days for two bid system or more~~ from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders.

The earnest money given by all the tenderers except the lowest tenderer shall be refunded immediately after the expiry of stipulated bid validity period or immediately after acceptance of the successful bidder, whichever is earlier. However, in case of two/ three bid system, earnest money deposit of bidders unsuccessful during technical bid evaluation etc. should be returned within 30 days of declaration of result of technical bid evaluation.

Copy of Enlistment Order and certificate of work experience and other documents as specified in the notice inviting e- tender shall be scanned and uploaded on the e-Tendering website within the period of bid submission. However, certified copy of all the scanned and uploaded documents as specified in e- tender notice shall have to be submitted by the lowest bidder within a week physically in the office of tender opening authority. Online bid documents submitted by intending bidders shall be opened only of those bidders, who's 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 06.10.2026 at 11:00 AM.

9. 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 does not upload scanned copies of all the documents stipulated in the bid document.

- (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 bidder in the office of bid opening authority.
- (iv) If a tenderer quotes nil rates against each item in item rate tender or does not quote any percentage above / below on the total amount of the tender or any section / sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.
10. The contractor whose bid is accepted will be required to furnish performance guarantee at specified percentage of the tendered amount as mentioned in schedule E and within the period specified in Schedule F. This guarantee shall be in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt or Bank Guarantee from any of the Commercial Banks 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. The contractor whose bid is accepted will also be required to furnish either copy of applicable licenses/ registrations or proof of applying for obtaining labour licenses, registration with EPFO, ESIC and BOCW Welfare Board including Provident Fund Code No. If applicable and also ensure the compliance of aforesaid provisions by the subcontractors, if any engaged by the contractor for the said work within the period specified in Schedule F.
11. **The description of the work is “Replacement of existing old overhead electrical supply lines with underground cabling & street lighting work in MNIT, Jaipur. (SH: Transformers Shifting & HT Work)”**
- 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 bidder 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 bidder 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

conditions are 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 for 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 as Divisional Accountant or as an officer in any capacity between the grades of Chief 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 gazetted officer in the Central Public Works Department or in the Ministry of Housing & Urban Affairs. 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 **bids** for the **work** shall remain open for acceptance for a period of **30 (thirty) days** from the date of opening of bids in case of single bid system ~~and 75 days (seventy five) days from the date of opening of technical bids in case bids are invited in 2 or 3 bids system.~~ Further
 - (i) If any tenderer withdraws his tender or makes any modifications in the terms & conditions of the tender which is not acceptable to the department within 7 days **after last date of submission of bids**, then the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the earnest money absolutely **irrespective of letter of acceptance for the work is issued or not.**
 - (ii) If any tenderer withdraws his tender or makes any modifications in the terms & conditions of the tender which is not acceptable to the department **after** expiry of 7 days **after last date of submission of bids**, then the Government shall without prejudice to any other right or remedy, be at liberty to forfeit **100%** of the earnest money absolutely **irrespective of letter of acceptance for the work is issued or not.**

- (iii) **In case of forfeiture of earnest money as prescribed in para (i) and (ii) above,** the bidders shall not be allowed to participate in the rebidding process of the **same** work.
18. This Notice Inviting bid shall form a part of the contract document. The successful bidder/contractor, on acceptance of his bid by the Accepting Authority, shall, within 10 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 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 CPWD Form-7 or other Standard CPWD Form as applicable.
19. In case of reduction in scope of work no claim on account of reduction in value of work, loss of expected profit, consequential overheads etc. shall be entertained.
20. The contractor shall have to associate other agency for execution of the work, which fulfils the eligibility criteria as below after taking prior approval of Engineer-in-charge. The contractor and the associated agency shall give the required affidavit to confirm their association. NIT Approving Authority may approve a change of associate agency in case it is required during the currency of contract. However, the contractor shall also be eligible to carry out this work without associating with any associated agency provided: -

a) He fulfills the prescribed eligibility criteria mentioned below

Sl. No.	Work	Criteria
i)	Entire Work	Since Transformer and HT Works to be carried out as per JVVNL guidelines, associate agency should have Rajasthan State Electrical License for HT Works (At least 11 kV).

21. List of documents to be scanned and uploaded within the period of bid submission:

(i)	Insurance Surety Bond, Demand Draft / Account Payee Banker's Cheque / FDR / Bank Guarantee of any commercial Bank against EMD.
(ii)	Copy of receipt for deposition of original EMD to division office of any Executive Engineer [including NIT issuing EE] CPWD. (as per Form "A" enclosed)
(iii)	Enlistment order of the CPWD contractors in appropriate class.
(iv)	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 undertaking (as per Form "B" enclosed) 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 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".
(v)	Letter of Transmittal in format as per Form "C" enclosed along with bid documents:

(vi)	Copy of Pan card.
(vii)	Undertaking on structural stability and soundness of already completed buildings and infrastructure projects as per Form “D”
(viii)	Affidavit (Duly Notarized) Form “F”
(ix)	The intending bidders must have to upload the necessary certificate of ERP (Enterprises Resource Planning) training issued through LMS (Learning Management System) of ERP.
(x)	Any other document as specified in the NIT.

Executive Engineer cum Senior Manager (E)
MNIT Project Electrical Division
CPWD Jaipur, (Raj.)
(For & on behalf of President of India)

No. 12(57)/EE(E)/MNITPED/CPWD/2026/506

Dated:- 30.09.2026

Copy to: -

1. SE cum PD, MNITPC, CPWD, Jaipur for information.
2. EE cum SM (C), MNITPD, CPWD, Jaipur for information.
3. Assistant Engineer (E)-I, MNITPED, CPWD, Jaipur..
4. Notice Board.
5. Cashier.
6. File No. Concern File

Executive Engineer cum Senior Manager (E)
MNITPED, CPWD, Jaipur

FORM “A”

RECEIPT OF DEPOSITION OF ORIGINAL EMD

Receipt No. _____ dated _____

1.	Name of work	:	Replacement of existing old overhead electrical supply lines with underground cabling & street lighting work in MNIT, Jaipur. (SH: Transformers Shifting & HT Work)
2.	NIT No.	:	02/EE(E)/MNITPED/2026-27
3.	Estimated Cost	:	Rs. 96,73,401/-
4.	Amount of Earnest Money Deposit	:	Rs. 1,93,468/-
5.	Last date of submission of bid	:	06.10.2026 up to 10:30 AM

(*To be filled by / EE at the time of issue of NIT and uploaded along with NIT)

1. Name of Contractor :
2. Form of EMD :
3. Amount of original Bank guarantee as Earnest Money Deposit :
4. Date of submission of EMD :

Signature, Name and Designation of EMD
receiving Officer (EE/AE(P)/AE/AAO)
alongwith Office Stamp

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

FORM “C”

LETTER OF TRANSMITTAL

To

The Executive Engineer and Senior Manager (E)
MNIT Project Electrical Division,
CPWD, Jaipur.

Name of Work: Replacement of existing old overhead electrical supply lines with underground cabling & street lighting work in MNIT, Jaipur. (SH: Transformers Shifting & HT Work)

Sir,

Having examined details given in tender notice and bid document for the above work, I/we hereby submit the bid along with all required information and documents.

I/We hereby certify that all the statements made and information supplied by me/us are true and correct.

I / we have furnished all information and details necessary for bid and have no further pertinent information to supply.

I/We also authorize Executive Engineer cum Senior Manager (E), MNIT Project Electrical Division, CPWD to approach individuals, employers, firms and corporation to verify our details, if required.

Certificate: It is certified that the information given by me/us in the bid are correct. It is also certified that I/We shall be liable to be debarred, disqualified/ cancellation of enlistment in case any information furnished by me/us is found to be incorrect.

Contact Details of our authorized representative are as under:

Name

Mobile Number:

Email id:

Contact Address:

Name of Bidder :
Contact Address :
Email Id of Bidder :
Mobile Number of Bidder(s)

Signature(s) of Bidder(s)
Seal of bidder

FORM “D”

**UNDERTAKING ON STRUCTURAL STABILITY AND SOUNDNESS OF ALREADY
COMPLETED BUILDINGS AND INFRASTRUCTURE PROJECTS.**

I/we undertake and confirm that any building / infrastructure constructed by our firm / partnership firm / company has not suffered any failure, making it unfit for intended use, either due to structural design and defects or due to use of sub-standard materials or execution of sub-standard work, poor workmanship or any other reason during the last 25 (twenty five) year.

I/we, further, undertake that if such information comes to the notice of CPWD, then Engineer-in-charge shall be free to terminate the bid / agreement and to forfeit the entire amount of earnest money deposit, performance guarantee and security deposits.

I/we also undertake that in addition to above, the Engineer-in-charge shall be free to debar us forever from tendering in CPWD.

The decision of Engineer-in-charge or any higher authority shall be final and binding.

Signature of
notary with seal

Signature of bidder or an
authorized person of the
firm with stamp

Note : Affidavit to be furnished on a Non-Judicial stamp paper or Rs. 200/- (Scanned copy of the notarized affidavit to be uploaded at time of submission of bid)

FORM“F”

AFFIDAVIT (DULY NOTARIZED)

I/We undertake and confirm that I/ We have not abandoned any work of Union Government/ State Governments/ PSU's etc. during the last 5 years. I/ We have not been blacklisted, debarred, declared non performer or expelled by Union Government/ State Governments/ PSU's etc during the last 3 years upto the last date of receipt of bid. Further it is stated that, if any violation comes to the notice of department, then I/We shall be debarred for bidding in CPWD in future forever. Also, if such a violation comes to the notice of department before or after the date of start of work, the Engineer-In-Charge shall be free to forfeit the entire amount of earnest money deposit/performance guarantee. **(scanned copy of this affidavit to be uploaded at the time of submission of bid).**

.....

Signed by an Authorised Officer of the firm with stamp

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

The Executive Engineer cum Senior Manager (E), MNIT Project Electrical Division, CPWD, Jaipur (Raj.) on behalf of the President of India invites online Percentage Rate Bids from CPWD Enlisted Contractor of appropriate class in Buildings & Roads (erstwhile composite/Building/Infrastructure) category in single bid system for the following work:

Sr. No.	NIT No.	Name of work & Location	Estimated Cost put to tender	Earnest Money	Period of Completion	Last date and time of online submission of bid, EMD Declaration, and other documents as specified in the notice/bid document	Time & Date of opening of Bid
1	2	3	4	5	6	7	8
1	02/EE(E)/MNITPED/2026-27	Replacement of existing old overhead electrical supply lines with underground cabling & street lighting work in MNIT, Jaipur. (SH: Transformers Shifting & HT Work)	Rs. 96,73,401/-	Rs. 1,93,468/-	25 (Twenty Five) Days	06.10.2026 up to 10:30 AM	06.10.2026 at 11:00 AM

The contractor submitting the tender should read the schedule of quantities, additional conditions, additional specifications, particular specifications, CPWD- 6 and other terms and conditions given in the NIT and drawings. The bidder should also read the **General Conditions of Contract 2023 Maintenance Works** for CPWD Works with up-to-date correction slips, which is available as Government of India Publications; however, provisions included in the tender document shall prevail over the provisions contained in the standard form. The set of drawings and NIT shall be available in the office **Executive Engineer cum Senior Manager (E), MNIT Project Electrical Division, CPWD, Jaipur (Raj.)**. The contractor should also visit the site of work and acquaint himself with the site conditions before tendering. He should only submit his tender if he considers himself eligible and in possession of all required documents. The following conditions, which already form part of the tender conditions, are specially brought to his notice for compliance while submitting the tender online. They are requested to comply following instructions.

- (A) Tenders with any condition including that of conditional rebates shall be rejected forthwith.
- (B) The successful bidder shall be required to submit a Performance Guarantee 5% of tendered value or Estimated Cost Put to Tender (ECPT) (whichever is higher) and (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. 5.00% of tendered value within 7 days of issue of letter of intent. This period can be further extended by Engineer-in-Charge up to a maximum period of 7 days on the written request of the contractor and with late fee as defined in Schedule F.
- (C) GST, Labour-Cess, Stamp Duty, etc. as applicable shall be borne by the contractor himself. The contractor shall quote his rates considering all such taxes and hence their quoted rates should be inclusive of all the tax components.
- (D) It will be obligatory on part of the Contractor/ Bidder to tender for and sign the tender documents for all the component parts. The department reserves right to accept tender in full or in part without assigning any reasons.
1. The enlisted contractors of class-II and above can tender within their tendering limit for works all over the country irrespective of jurisdiction of the enlisting authority. The tendering limit is uniform all over India. Enlisted contractors of class-III, IV and V can tender within their tendering limit for works in the region of enlisting authority only. Enlisted contractors of class-II, IV and V can participate in tenders within the jurisdiction as detailed in table below as per their tendering limit for CPWD works, or as amended from time to time. Enlisted contractors of any class shall also have to meet the other requirements of eligibility as per NIT conditions.

Tendering jurisdiction for Buildings & Roads category contractors of class III, IV and V and Horticulture category contractors of class III and IV:

S.No.	Region	Enlisting Authority	Tendering Jurisdiction
1.	NR	SDG(Chandigarh), ADG(Chandigarh), ADG(Lucknow), ADG(Jammu), ADG(DR) and ADG(PRD)	Punjab, Chandigarh, Rajasthan, Haryana, Uttarakhand, Himachal Pradesh, Uttar Pradesh, Jammu & Kashmir, Leh & Ladakh & Delhi

2. The intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
3. Information and instructions for bidder posted on website shall form part of bid document.
4. The bid documents consisting of plans, specifications, the schedule of quantities of various types of works to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen in the office **Executive Engineer cum Senior Manager (E), MNIT Project Electrical Division, CPWD, Jaipur (Raj.)** between hours **11:00 AM and 04:00 PM from 01.10.2026 to 05.10.2026**

every day except on Sunday and public holidays or can be seen and downloaded from website <https://etender.cpwd.gov.in> or www.cpwd.gov.in free of cost.

5. Applicant has to deposit earnest money of **Rs. 1,93,468/-** in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee (for balance amount as prescribed) from any of the Commercial Banks in favour of **Executive Engineer, MNIT Project Division, CPWD, Jaipur** along with tender document. A part of earnest money is acceptable in the form of bank guarantee also. In such case, minimum 50% of earnest money or Rs. 20lac, whichever is less, shall have to be deposited in shape prescribed above, and balance may be deposited in shape of Bank Guarantee of any Commercial bank having validity for a period of 90 days for single bid works ~~and 180 days for two bid system or more~~ from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders.

But the bid can only be submitted after deposition 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 Insurance Surety Bonds, Account Payee Demand draft or Bankers Cheque or Fixed Deposit Receipts or/ and Bank Guarantee (for balance amount as prescribed) from any of the Commercial 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), CPWD and other documents as specified.

The bids will be submitted on 06.10.2026 up to 10:30 AM. The bid shall be opened at 06.10.2026 at 11:00 AM.

6. Those contractors who are not registered or have not updated their profile on the website mentioned above, are required to get registered / update their profile beforehand. The necessary training materials including the videos with step to step process are available on download section of <https://etender.cpwd.gov.in>.
7. The intending bidder must have valid Class-III digital signature certificate with encryption key (combo type) to perform any operations / transactions on the e-tendering portal / website and the bidder should download and install the eMsigner on their system as per instructions available on download section of <https://etender.cpwd.gov.in>.
8. On opening date, the contractor can login and see the tender opening process. After opening of tenders he will receive the competitor's tender sheets.
9. Contractor can upload documents in the form of JPG format and PDF format.
10. Contractor must ensure to quote rate in the prescribed column(s) meant for quoting rate in figures appears in yellow 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).

However, If a tenderer quotes nil rates against each item in item rate tender or does not quote any percentage above/below on the total amount of the tender or any section / sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.

11. Certain modifications may be required. Addendum / Corrigendum shall be uploaded by the Engineer-in-Charge, if felt necessary by him, which shall form part of tender document.
12. The bidders are advised to visit the site before submitting his bid to have more clarity about the site conditions and availability of space for execution of the work.
13. **List of documents to be scanned and uploaded within the period of bid submission:**

(i)	Insurance Surety Bond, Demand Draft / Account Payee Banker's Cheque / FDR / Bank Guarantee of any commercial Bank against EMD.
(ii)	Copy of receipt for deposition of original EMD to division office of any Executive Engineer [including NIT issuing EE] CPWD. (as per Form "A" enclosed)
(iii)	Enlistment order of the CPWD contractors in appropriate class.
(iv)	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 undertaking (as per Form "B" enclosed) 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 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".
(v)	Letter of Transmittal in format as per Form "C" enclosed along with bid documents:
(vi)	Copy of Pan card.
(vii)	Undertaking on structural stability and soundness of already completed buildings and infrastructure projects as per Form "D"
(viii)	Affidavit (Duly Notarized) Form "F"
(ix)	The intending bidders must have to upload the necessary certificate of ERP (Enterprises Resource Planning) training issued through LMS (Learning Management System) of ERP.
(x)	Any other document as specified in the NIT.

**Executive Engineer cum Senior Manager (E),
MNIT Project Electrical Division
CPWD, Jaipur (Raj.)
(For & on behalf of President of India)**



GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT
O/o SE cum PD, MNIT Project Circle, Jaipur



BID DOCUMENT

PART-A

Volume II

Name of work: Replacement of existing old overhead electrical supply lines with underground cabling & street lighting work in MNIT, Jaipur. (SH: Transformers Shifting & HT Work)

CPWD FORM NO. 7
GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT

STATE: Rajasthan
BRANCH: B&R

Circle: SE cum PD, MNITPC,
DIVISION: EEcumSM (E), MNITPED

PERCENTAGE RATE TENDER & CONTRACT FOR WORKS

Tender for the work of: Replacement of existing old overhead electrical supply lines with underground cabling & street lighting work in MNIT, Jaipur. (SH: Transformers Shifting & HT Work)

- i) To be submitted/uploaded online by **10:30 AM on 06.10.2026** through website **www.etender.cpwd.gov.in** or **www.cpwd.gov.in** to **Executive Engineer cum Senior Manager (E), MNIT Project Electrical Division, CPWD, Jaipur (Raj.)**.
- ii) The bid to be opened online in presence of tenderers who may be present at **11:00 AM on 06.10.2026** in the office of **Executive Engineer cum Senior Manager (E), MNIT Project Electrical Division, CPWD, Jaipur (Raj.)**.

T E N D E R

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 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.

i) XXX

Signature XXX

ii) XXX

iii) XXX

Dated: -

Executive Engineer
For & on behalf of the President of India.

XXX To be filled in by the Executive Engineer

XX To be filled in by the contractor

SCHEDULES (A to F)

SCHEDULE 'A'

Schedule of quantities-

As per Part - C of the NIT

SCHEDULE 'B'

Schedule of materials to be issued to the contractor

S.No.	Description of item.	Quantity.	Rate in figures & words at which the material will be charged to the contractor	Place of issue
(1)	(2)	(3)	(4)	(5)
		—————	NIL	—————

SCHEDULE 'C'

Tools and plants to be hired to the contractor

S.NO.	DESCRIPTION.	HIRE CHARGES PER DAY	PLACE OF ISSUE
		—————	NIL

SCHEDULE 'D'

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

- | | | | |
|----|----------------------------|---|------------|
| 1. | Special conditions | - | As per NIT |
| 2. | Particular Specifications. | - | As per NIT |
| 3. | Annexures | - | As per NIT |
- Form of performance security (Bank Guarantee Bond), Form of earnest money deposit (Bank Guarantee Bond).

SCHEDULE 'E'

Reference to General Conditions of Contract : **General Conditions of Contract 2023 Maintenance Works** for CPWD works amended up to the last date of submission of bids.

1.1 Name of Work: **Replacement of existing old overhead electrical supply lines with underground cabling & street lighting work in MNIT, Jaipur. (SH: Transformers Shifting & HT Work)**

1.2 Estimated Cost of work: **Rs. 96,73,401/-**

1.3 Earnest Money :**Rs. 1,93,468/- (To be returned after receiving performance guarantee)**

1.4 Performance Guarantee (a) 5% of tendered value or Estimated Cost Put to Tender (ECPT) (whichever is higher).

(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. 5.00% of tendered value

1.5 Security Deposit 2.50% of tendered value.

SCHEDULE 'F': General Rules & Directions:

1. Officer Inviting Tender **Executive Engineer and Senior Manager (E)**
MNIT PROJECT ELECTRICAL DIVISION,
CPWD, Jaipur (Raj.) or his successor thereof

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 See below under Clause-12

Definitions:

2(i) Engineer-In-Charge **Executive Engineer and Senior Manager (E)**
MNIT PROJECT ELECTRICAL DIVISION,
CPWD, Jaipur (Raj.) or his successor thereof

2(ii) Accepting Authority **Executive Engineer and Senior Manager (E)**
MNIT PROJECT ELECTRICAL DIVISION,
CPWD, Jaipur (Raj.) or his successor thereof

- 2(iii) Percentage on cost of materials and labour to cover all overheads and profits **15%**
- 2(iv) Standard Schedule of Rates **DSR 2023 (Civil Works) & DSR 2025 (Elect. Work)** with correction slips up to the last date of submission of bids.
- 2(v) Department Central Public Works Department (CPWD)
- 2(vi) Standard CPWD Contract Form **GCC 2023 Maintenance Works** and CPWD Form 7 as amended/ modified up to the last date of submission of bids.

Clause1:

- (i) Time allowed for submission of performance guarantee, programme chart (Time and Progress) and applicable labour licences, registration with EPFO, ESIC and BOCW Welfare Board, Provident Fund Nos. or proof of applying thereof from the date of issue of letter of acceptance. **7days**
- (ii) Maximum allowable extension with late fee @0.1% per day of the performance guarantee amounts beyond the period provided in (i) above **3 days**

Clause2:

- (i) Authority for fixing compensation under Clause 2 **SE cum PD, MNITPC, CPWD, Jaipur or his successor thereof.**

Clause5:

- Number of days from the date of issue of letter of acceptance for reckoning date of start **7 days**
- Milestone Refer Table of Milestones as per NIT.
- Time allowed for execution of work **25 (Twenty Five) Days**

TABLE OF MILESTONE(S)

Name of work: Replacement of existing old overhead electrical supply lines with underground cabling & street lighting work in MNIT, Jaipur. (SH: Transformers Shifting & HT Work)

Milestone(s) as per table given below:

SI No.	Description of Milestone (Physical)	Time Allowed in Months (from date of start)	Amount to be with-held in case of non-achievement of milestone
1	Submission of Credentials and MOU of associated agencies and Technical data sheet(s) of all equipment & services.	5 Days	1% of accepted tendered amount.
2	Supply of all materials at site	10 Days	2% of accepted tendered amount.
3	Completion of all the scope work i/c handing over.	25 Days	2% of accepted tendered amount.

Authority to decide:

- | | |
|--|---|
| i. Authority to convey the decision of shifting of milestone and extension of time | EE cum SM (E), MNITPED, CPWD, Jaipur
or his successor thereof |
| ii. Re-scheduling of Milestones and Extension of time for completion of work | SE cum PD, MNITPC, CPWD, Jaipur
or his successor thereof |
| iii Shifting of date of start in case of delay in handing over of site. | SE cum PD, MNITPC, CPWD, Jaipur
or his successor thereof |

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 for the work	On the day of issue of letter of commencement of work by the Engineer-in-Charge.
Part B	Portions with encumbrances	***	***
Part C	Portions dependent on work of other agencies	***	***

*** To be filled by Executive Engineer

Schedule of issue of Designs: - NIL

Clause 5.2:

Nature of hindrance register: Online System / Physical
(either Physical or Online)

Clause 5.4:

Schedule of rate of recovery for delay in submission of the revised programme in terms of delay per days basis:

Sl.No.	Contract Value	Recovery Rs. Per day basis
I.	Less than or equal to Rs. 1 crore	500
II.	More than Rs. 1 Crore but less than or equal to Rs. 5 Crore	1000

Clause6: Measurement Book

CMB/EMB

Clause7: 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

15 Days or 50 Lakh whichever come
earlier or as per discretion of
Engineer-in-charge.

Clause7A:

Regarding applicability of labour laws
Related to Labour licensee, registration
of contractor with EPFO, ESIC and
BOCW welfare board i/c Provident Fund

Yes, **Applicable**

No running account bill shall be paid in the work till the applicable labour licenses, registration with EPFO, ESIC, BOCW welfare board including Provident Fund Code No. if applicable whatever applicable are submitted by the contractor to the Engineer-in-charge.

Clause7B:

Yes, **Applicable**(*Authority letter to
be given by contractor as per
Annexure-II*)

Clause 8A:

**Authority to decide compensation on account
if contractor fails to submit completion plans**

**SE cum PD, MNITPC, CPWD,
Jaipur** or his successor thereof

- (i) This shall not apply for maintenance or upgradation contracts not involving any services.
- (ii) For other works, the recovery shall be made **0.1% (Zero-point one percent) of accepted Tendered Value OR recovery rate limit specified below, whichever is more.:**

Sl.No.	Contract Value	Recovery Rs.
I.	Less than or equal to Rs. 1 crore	2000
II.	More than Rs. 1 Crore but less than or equal to Rs. 5 Crore	5000

CLAUSE 10A:

List of testing equipment to be provided by the contractor at site lab- NIL

Clause10B: Not Applicable

Clause10C: Not Applicable

Clause 10CA: Not Applicable

Clause10CC: Not Applicable

Clause11: Specifications to be followed for execution of work : CPWD Specifications 2019 Vol. I &II for **civil works** and CPWD specification for **electrical works** with correction slips issued up-to last date of submission of bids.

Clause12: Type of Work: : **Renovation & Upgradation Work**

Sub Clause 12.2 : **No Limit**

Clause16: Competent Authority for deciding reduced rates. **SE cum PD, MNITPC, CPWD, Jaipur** or his successor thereof.

Clause 18: List of mandatory machinery, tools & plants to be deployed by the contractor at site : As per below and as required for timely execution of work

S.No.	Equipments	Quantity
1.	Earthing Tester	1 no.
2	Insulation Tester (LT / HT)	1 no.
3	Tong Tester	1 no.
4	Multimeter	1 no.
5	Lux Meter	1 no.
6	Vernier Caliper	1 no.
7	Wire Gauge	1 no.
8	Hand Blower / Vacuum Cleaner	1 no.
9	Drill Machine	1 no.
10	Chase Cutting Machine	1 no.
11	Crimping Tool Kit	1 no.
12	Self Supporting Ladder - 4 feet	2 nos.
13	Ladder – 20 feet	1 no.

- Clause 19 C:** Authority to decide penalty for each default : **EE cum SM (E), MNITPED, CPWD, Jaipur** or his successor thereof
- Clause 19 D:** Authority to decide penalty for each default : **EE cum SM (E), MNITPED, CPWD, Jaipur** or his successor thereof
- Clause 19 G:** Authority to decide penalty for each default : **EE cum SM (E), MNITPED, CPWD, Jaipur** or his successor thereof
- Clause 19 K:** Authority to decide penalty for each default (The provisions of this clause, shall not be applicable for works with estimated cost put to tender being less than Rs. 5.00 Crores). : **EE cum SM (E), MNITPED, CPWD, Jaipur** or his successor thereof

Clause 25: Settlement of Disputes by Conciliation and Arbitration

(a) Conciliator for conciliation of disputes	Special Director General- Region Chandigarh, CPWD, or his successor thereof.
(b) Arbitrator Appointing Authority	SE cum PD, MNITPC, CPWD, Jaipur or his successor thereof
(c) Place of arbitration:	Jaipur or as decided by competent authority.

Clause 32: Requirement of Technical Representative(s) and Recovery Rates							
Requirement of technical representative(s) and recovery rate							
Sl. No.	Minimum Qualification of Technical Representative & Discipline	Designation of Technical Staff	Minimum experience (Years)	Number (E&M)	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 36(i)		Period of Deployment
					Figures	Words	
1.	Graduate Engineer Or Diploma Engineer	Project Manager cum Planning/ Quality /Site/ Billing Engineer	2 or 5 respectively	1	Rs. 15,000/- per month per person	Rs. Fifteen thousand per month per person	Full duration from start of work to final bill payment

"Assistant Engineer retired from Government Services who are holding a Diploma will be treated at par with Graduate Engineer".

Diploma holders with minimum 10year relevant experience with a reputed 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.

Clause38:

Not Applicable

SCOPE OF WORK

The proposed work is **Replacement of existing old overhead electrical supply lines with underground cabling & street lighting work in MNIT, Jaipur. (SH: Transformers Shifting & HT Work)**

1. The project site is located at MNIT Campus, JLN Marg, Jaipur.
 - a) The scope of work under this contract shall include dismantling of existing overhead electrical supply lines along-with PCC poles, shifting of 04 nos. of transformers Steel Structure for transformers, HT Cabling, LT Cabling, Street Lighting, Feeder Pillars for street lighting, underground cabling, removal and fixing of paver blocks etc.
 - b) Shifting /Removal of Services and Statutory Approvals: Contractor shall take all necessary measures required to be taken to remove any live or dead service lines running through the plot area, cutting/shifting of tress etc, without any extra cost unless otherwise mentioned in tender documents. After completion of the work and commissioning of building(s) along with services, he shall get completion certificate from the local body, NOC from fire department and any other statutory approval related to building for handing over the assets. Engineer-in-charge and client i.e. MNIT, Jaipur shall extend necessary support, as per statutory requirements, to the contractor for these approvals.
2. It is the responsibility of the contractor to co-ordinate with MNIT and JVVNL authorities for any kind of cable routes, electrical shutdowns and overall work.

Bidders who want to participate in the bid for this work, before submitting their bid, should visit the site carefully and inspect the current condition of the building and the work done so far and submit their bid only after being completely satisfied himself.



**GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT
O/o SE cum PD, MNIT Project Circle, Jaipur**



BID DOCUMENT

PART-B

Name of work: Replacement of existing old overhead electrical supply lines with underground cabling & street lighting work in MNIT, Jaipur. (SH: Transformers Shifting & HT Work)

CONDITIONS FOR ENGAGEMENT OF ASSOCIATED AGENCY

The contractor shall have to associate other agency for execution of the work, which fulfils the eligibility criteria as mentioned below after taking prior approval of Engineer-in-charge. The contractor and the associated agency shall give the required affidavit to confirm their association. NIT Approving Authority may approve a change of associate agency in case it is required during the currency of contract. However, the contractor shall also be eligible to carry out this work without associating with any associated agency provided: -

a) He fulfills the prescribed eligibility criteria mentioned below

Sl. No.	Work	Criteria
i)	Entire Work	Since Transformer and HT Works to be carried out as per JVVNL guidelines, associate agency should have Rajasthan State Electrical License for HT Works (At least 11 kV).

1. The main contractor shall submit the details of such associated agencies in Annexure-A within two weeks of award of work. Following documents for association shall be submitted by main contractor to the Executive Engineer cum Senior Manager (E), MNITPED, CPWD, Jaipur in charge for deciding the eligibility.

A. Willingness from an eligible associated agency to get associated with the main contractor for execution of the work 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 eligible associated agency.

B. For association of agency for the work: -

- (i) Copy of Electrical License
- (ii) Copy of Goods and Service Tax (GST) Registration
- (iii) Copy of ESIC and EPF Registration.

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

C. MOU signed on Rs. 100/- with eligible associated agency meeting the eligibility criteria for the work. 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 agency as 2nd party.

2. In the event of the concerned associated agency not performing satisfactorily or failure to complete the work, the contractor on the written direction of the department, shall remove the

associated agency deployed and shall submit name of new associate agency who fulfill the eligibility conditions mentioned in NIT to execute the leftover work without any loss of time or variation in cost to the department in this regard. Main contractor shall meet all the guarantee for the equipment already supplied for which payment has been released by the Department. If any equipment supplied for the work, during the currency of the earlier associate agency and paid by the Department becomes redundant /not in a position to be installed and commissioned and put to beneficial use due to change in agency for execution of the work, the contractor shall be liable for replacement of the equipment(s)/ material(s) at no cost to Department. No change of associated agency will be allowed without prior approval of the NIT approving authority.

3. The contractor/ associated agency shall be responsible for and liable for completion of the work. The associated agency along with the main contractor shall attend the inspection of the work by the Engineer-in-Charge as and when required.

ANNEXURE-A

PROPOSAL FOR ASSOCIATING ELECTRICAL AGENCIES for ELECTRICAL INSTALLATION

We hereby propose the following associated agency as per details mentioned.

S No	Name of Agency	Electrical License No.	Validity of Registration (Electrical License)	Consent letter as per Annexure-B attached (Yes/No)	MOU as per Annexure-C attached (Yes/No)
1.					

Note:- A copy of Electrical License shall be attached

Main Contractor's signature

ANNEXURE-B

WILLINGNESS CERTIFICATE

Name of work:

I hereby give my willingness to work as Associated Agency for work of Underground Cabling & Street Lighting (Entire work) 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 work. I will attend inspections of officers of the department as and when required.

Dated:

Signature of the Associated Agency

ANNEXURE-C

Memorandum of Understanding (on Rs. 100/- Non-judicial stamp)

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

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

And

M/s _____ (Associated Agency) having 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:

Whereas, This Memorandum of Understanding has been entered into to execute the
above work by the Main Contractor and Associate Agency/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 agency shall completely execute, perform and do all the works mentioned and described in the main agreement for its electrical components according to the specifications, terms and conditions etc. of the main agreement.
- 2 The associated agency 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 works executed by the associated electrical contractor will include the cost of all the materials, accessories, equipments, tools & plants, laborers technical persons required etc. in all respect.
- 4 The associated agency 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/main contractor.
- 9 The guarantee of the installation after the completion of the work shall be responsibility of the associate contractor and main contractor both 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 electrical contractor then it will be paid by main contractor.
- 11 Either party shall not repudiate the contract inmid-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 upto a deviation limit prescribed in schedule-Fin 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 work shall be provide by main contractor.
- 21 The Income tax, Commercial tax and labour cess tax deducted by the CPWD from the bills of work shall be reimbursed by the main contractor in favour of the associated electrical contractor accordingly.

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

Signature
(Associated Contractor) (Major Contractor)
Address : _____

Signature
Address : _____

GENERAL TERMS AND CONDITIONS

General Commercial & Technical Conditions:

All the works shall be carried out as per CPWD General specification for Electrical Works, Part-I (Internal)-2023; Part-II (External) 2023, Part-III (Lifts & Escalators) 2003, Part-IV (Substation) 2013, Part-V (Wet Riser & Sprinkler System) 2020, Part-VI (Fire Detection & Alarm System) 2018, Part-VII (DG Set) 2013, Part-VIII (Gas Based Fire Extinguishing System) 2013 & General Specifications for HVAC 2024 amended up to date and should also comply with relevant provisions of the Indian Electricity Rules and Acts as applicable, amended up to date. 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.

Rates:

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.

Mobilization Advance:

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

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.

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: -
Cutting and making good all damages caused during installation and restoring the same to their original finish.

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

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.

Testing and commissioning of completed installation.

Storage space for all equipment, components and materials for the work.

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.

Electric Power Supply and Water Supply:

Power and water supply will be arranged by the contractor at the site for installation and testing purposes and for execution of entire work. The contractor will take due care to ensure safety of electrical installation during execution of work.

Tools for handling and Erecting:

All tools and tackles required for handling of equipment 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.

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.

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.

Structural Alterations to Buildings:

No structural member in the building shall be damaged/altered, without prior approval from the competent authority through the Engineer-in-charge. 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. 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. All chases required in connection with the works shall be provided and filled by the contractor at his own cost to the original architectural finish of the buildings.

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.

Work in Occupied Buildings/Campus:Yes

Conformity to IE act, IE Rules, and standards:

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.

Tolerances:

Tolerance of +- 5% is allowed in Schedule of quantities items

Quality of material:

All materials and equipment 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.

Inspection of materials and equipment:

Materials and equipment to be used in the work shall be inspected by the departmental officers. Such inspection will be of following categories: Inspection of materials / equipments may be witnessed at the Manufacturer's premises in accordance with relevant BIS /Agreement Inspection Procedure. To receive materials at site with Manufacturer's Test Certificate(s). To inspect materials at the authorized dealer's go downs to ensure delivery of genuine materials at site. To receive materials after physical inspection at site.

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.

Similarly, for fabricated equipment, 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.

Ratings of components:

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. 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.

Conformity to standards:

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

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.

Workmanship:

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.

Proper supervision/skilled workmen:

The contractor shall be a licensed electrical contractor of appropriate class suitable for execution of the 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.

Use of quality materials:

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

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.

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.

Commissioning on Completion:

1. After the work is completed, it shall be ensured that the installation is tested and commissioned.
2. HT Connection & Shutdown Costs: All activities, official permissions, fees, and coordination required for obtaining the High Tension (HT) connection and executing necessary line shutdowns managed with MNIT and Jaipur Vidyut Vitran Nigam Limited (JVVNL).
3. No Extra Payments: No additional amount, over and above the agreed contract price, shall be payable by the employer to the contractor on account of JVVNL charges, delays, or process requirements other than statutory payments.
4. Site is 100% available without any hindrance at site.

Completion plan and completion certificate:

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

- (i) General layout of the underground cabling.
- (ii) Locations of main switchboards, feeder pillars, meter boards and distribution boards indicating the circuit numbers controlled by them.
- (iii) Position of all street lighting poles and their controls.

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.

INTERPRETING SPECIFICATIONS AND ORDER OF PRECEDENCE:

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

CPWD Quality Assurance Policy & Check List of E&M Services

Samples of materials required for testing as per “CPWD Quality Assurance Policy & Check List of E&M Services (available on CPWD website)” shall be provided free of charge by the contractor. The tests are to be carried out in the laboratories approved by ADG/SDG or in the direction of Engineer-in-charge. All expenditure to be incurred for testing samples i.e taking samples, packaging, sealing, transportation, loading, unloading etc. including testing charges shall be borne by the contractor.

Payment Terms & Conditions

Sl. no.	Part Work Completed	% of tendered rate of item
1.	Supply of material at site	70 %
2.	Installation	10 %
4.	Testing & Commissioning	10 %
5.	Handing over to client department	10 %

LIST OF PREFERRED MAKES

1. A List of Preferred Brands / Makes / Manufacturers of Various Materials / Products are shown below for usage in execution of Work.
2. The list given below does not absolve the executing agency from their responsibility for using these products. It is only after, they have satisfied about the quality and performance, the products shall be used. To achieve this, proper check on the quality of the products, to be used, should be exercised.
3. The contractor shall obtain prior approval from the Engineer in Charge before placing order for any specific material. The contractor shall make a detailed submittal as per the contract with catalogues and proposed specifications (duly highlighting relevant matter).
4. In case, make for any material to be used in work is not specified in the list, the Engineer in Charge may approve the make after taking due approval from SE&PD, MNITPC, CPWD, Jaipur.
5. **Any other makes other than mentioned below conforming BOQ description, item specificatilons, NIT terms & conditions and public procurement policy of India are also acceptable.**
6. Decision of Engineer in Charge in case of any discrepancy shall be final and binding on all above points.

SR. NO.	DETAILS OF MATERIALS / EQUIPMENTS	MANUFACTURER'S NAME / MAKE
1	DWC/ HDPE PIPE	REX / DURA-PLAST/ DURALINE/ GEMINI/ MANGALAM/ SUPREME/ PRINCE
2	FRLS PVC INSULATED COPPER CONDUCTOR	KEI /HAVELLS / POLYCAB/ CCI/ UNIVERSAL/ LAPP
3	ARMOURED/UNARMOU REDALL TYPE OF POWER CABLE OF 1.1 KV (LT)AND 11 KV (HT)GRADE	KEI /HAVELLS / POLYCAB/ CCI/ UNIVERSAL/ LAPP
4	TELEPHONE CABLE/ COAXIAL CABLE/ LAN CAT 6A CABLE/ OPTICAL FIBRE CABLE	DELTON /FINOLEX /BONTON / GRANDLAY / LEGRAND/ MOLEX/ COMMSCOPE/ KRAMMAR/ D LINK/ DIGILINK/ COMSCORE/ PANASONIC
5	MS CONDUITWITH ACCESSORIES	BEC/ NIC/AKG/ ANY ISI MARKED
6	POTENTIALTRANSFOR MERS / CURRENT TRANSFORMERS	AUTOMATIC ELECTRIC / MATRIX / PRECISE/ KAPPA/POWER TREK/ PROCOM/ NEW TEK/ABB/LEGRAND/SCHNEIDER/ SIEMENS/ L&T/ C&S/ HAGER/ PANASONIC
7	MS/GI PIPE (ISI MARKED)	TATA / JINDAL (HISSAR) / SAIL / VIZAG
8	DIGITAL METERS/ LED	VAISHNO/ CONZERV / SECURE / AE /

SR. NO.	DETAILS OF MATERIALS / EQUIPMENTS	MANUFACTURER'S NAME / MAKE
	TYPE INDICATING LAMPS / PUSH BUTTON	SOCOMAC /NEPTUNE /HAGER/ POWER TREK/ABB/LEGRAND/SCHNEIDER/ SIEMENS/ L&T/ C&S/HAGER/ PANASONIC
9	ACB/ VCB/ MCB/ MCCB/ DB/ HT & LT SWITCH-GEARS/ CHANGE OVER SWITCH	ABB/LEGRAND/SCHNEIDER/ SIEMENS/ L&T/ C&S/ HAGER/ PANASONIC
10	MODULAR SWITCH&SOCKET/TELE PHONE SOCKET/CABLE TV SOCKET/DATA OUTLET SOCKET / FAN REGULATOR/ G.I. BOXES ETC.	LEGRAND (ARTEOR) /SCHNEIDER ELECTRIC (ZENCEO) / HONEYWELL- MK (ORNA)/PANASONIC (VISION)/ LEGRAND (MYRIUS)/ ABB (IVIE)
11	PVC CONDUITS WITH ACCESSORIES	ATUL/ AVONPLAST/ PRINCE/ PRECISION/AKG
12	ELECTRIC PANEL/ FEEDER PILLAR	TRICOLITE ELECTRICAL INDUSTRIES/ MILESTONE/ ADLEC CONTROL SYSTEM PVT. LTD./ ADVANCE POWER CONTROLS LIMITED / ENGINEERS & ENGINEERS (ELECTRICALS) PVT. LTD./ASPL (ASSOCIATED SWITCHGEARS & PROJECTS LTD.)/ NEPTUNE/ PRISTINE
13	STREET LIGHT POLES/ POST TOP POLES/ HIGH MAST POLES/ ORNAMENTAL POLES/ HERITAGE POLES/ DECORATIVE POLES	PANASONIC/ BAJAJ/ HALONIX/ PHILIPS/ HAVELLS/ WIPRO/ CROMPTON/ OSRAM/ LIGHTING TECHNOLOGY/ TRILUX / UTKARSH/ TWINKLE/ K LITE
14	ELECTRICAL METER	JVVNL RECOMMENDED
15	END TERMINATION/ CABLE LUGS/ CABLE GLANDS	JAINSONS/ COMET/ DOWELLS/ POLYCAB/ GRIPWEL/ RAYCHEM/ HEX

Executive Engineer cum Senior Manager (E)
MNITPED, CPWD, Jaipur



GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT
O/o SE cum PD, MNIT Project Circle, Jaipur



BID DOCUMENT

PART- C

SCHEDULE OF QUANTITIES

Name of work: Replacement of existing old overhead electrical supply lines with underground cabling & street lighting work in MNIT, Jaipur. (SH: Transformers Shifting & HT Work)

SCHEDULE OF QUANTITIES

Name of work: Replacement of existing old overhead electrical supply lines with underground cabling & street lighting work in MNIT, Jaipur. (SH: Transformers Shifting & HT Work)

S.No.	Description	Unit	Qty	Rate	Amount
1	Disconnection & dismantling of existing three phase ACSR conductor overhead line alongwith pole etc. as required. (3 Conductors shall collectively be measured in meter)	Meter	7000	25.00	175000.00
2	Dismantling, shifting, transportation, re-erection, testing and commissioning of existing outdoor type 11/0.433 kV, 3-phase, 50 Hz oil filled distribution Transformers of various capacities [250 kVA (02 Nos), 315 kVA (01 No) and 500 kVA (01 No)], from their existing locations to the new site, and mounting the same on existing MS channel gantry structures at a height of about 2.4 m (8 feet) above ground level, complete in all respects, as per CPWD / JVVNL standard practice.(Note: All shutdown from JVVNL should be arrange by contractor). (Make of existing Transformers: Kirloskar, The work is to be execute by OEM or their authorized service agency only.) (All test reports to be submitted at the time of completion).	Job	4	25134.00	100536.00
3	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 Meter long etc. with charcoal/ coke and salt as required.	Set	18	8351	150318.00
4	Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 Meter long etc. with charcoal/ coke and salt as required.	Set	8	15004	120032.00
5	Providing and fixing 25 mm X 5 mm copper strip in 40 mm dia G.I. pipe from earth electrode including connection with brass nut, bolt, spring, washer excavation and re-filling etc. as required.	Meter	64	1638	104832.00
6	Providing and fixing 25 mm X 5 mm G.I. strip in 40 mm dia G.I. pipe from earth electrode including connection with G.I. nut, bolt, spring, washer excavation and re-filling etc. as required.	Meter	62	755	46810.00
7	Providing and fixing 25 mm X 5 mm copper strip on surface or in recess for connections etc. as required.	Meter	78	1246	97188.00

S.No.	Description	Unit	Qty	Rate	Amount
8	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required.	Meter	68	287	19516.00
9	Dismantling of existing 6/ 9 metre high steel tubular street light pole with single overhang bracket, MS termination box i/c dismantling of existing CC foundation & reinstalltion of pole at required location in same campus i/c providing & fixing 4 way 32 Amp Heavy duty connector, 1 No SPMCB with wiring from MCB to fitting with 3 x 2.5 sq.mm PVC insulated single core wires complete with foundation bolts, suitable DWC / HDPE/ PVC pipe/ GI pipe laid within the foundation for incoming and outgoing cables, painting etc. as required in complete as per direction of engineer-in-charge.(Foundation work is not included in this item)				
	Including MS Base plate - 400 x 400 x 25 mm thick duly welded in Pole.				
	Including J bolts, Nuts and grouting.	Each	35	8764.00	306740.00
10	Safe removal and re-installation of existing LED street light luminaire on 6/ 9 meter street light pole i/c safe removal, transportation, re-fixing on other poles, wiring (part of pole item 9), connection, testing and commissioning as required in complete as per direction of engineer-in-charge.	Each	35	456.00	15960.00
11	Fabrication, Supply, installation, testing and Commissioning of outdoor hut type, double door, powder coated, dust & vermin proof, front openable compartmentalized street light electrical panel, made out of 14 SWG M.S. sheet having front area not less than 1 sq.mtr., 0.35mtr. depth, 100A, 4 strip aluminum bus bar along with M.S. angle iron stand (angle size min. 40mm x 40mm x 6mm) of panel base size, having 0.6 mtr. long legs 0.3 mtr. above ground level and 0.3 mtr. in ground by grouting in C.C. foundation of 1:3:6 (1 Cement : 3 Coarse Sand : 6 Grade stone aggregate of 20 mm N.S.) i/c supplying & fixing of following accessories i/c connection, interconnection, earthing etc. as required. (Minimum Front area & depth of panel board shall not be less than 1.16 sqmtr & 0.35 mtr respectively.) - Street Light Panel				
	Incomer: -				
	63 Amp. 25 KA 4P MCCB with thermal magnetic based release for O/C & S/C Protection & rotary handle = 1 No.				

S.No.	Description	Unit	Qty	Rate	Amount
	3 Nos. phase indicating LED lamps each with 2 amp back up MCB.				
	Outgoings: -				
	25 Amp. 10 KA, 'C' curve TPN MCB = 1 No.				
	20 Amp. 10 KA, 'C' curve DP MCB = 8 Nos.				
	70 Amp 4 Pole Contactor = 1 No.				
	Astronomical Timer for (Automatic Operation) = 1 No.				
	Earth stud (Size 20 mm X 3 mm)				
	Complete job at site including transportation, loading-unloading, placing, making cable connections, earthing connection, suitable RCC foundation with M25 design mix along with Fe 550 reinforcement, 1:3:6 PCC below RCC, excavation, refilling of earth etc as required in complete as per direction of engineer-in-charge	Each	2	79575.00	159150.00
12	Supplying & laying one number XLPE insulated PVC sheathed Aluminum Conductor Armored cable of 1.1 KV grade of following sizes conforming to IS. 7098/1988 with up to date amendment on existing CC/HUME/STONEWARE/ Metal Pipe/ Surface DWC/HDPE/ Direct in Ground/ Open Masonary etc as required in complete as per direction of engineer-in-charge				
12.1	3.5 x 50 Sq.mm	Meter	1050	801.00	841050.00
12.2	3.5 x 95 Sq.mm	Meter	850	1383.00	1175550.00
12.3	3.5 x 120 Sq.mm	Meter	100	1734.00	173400.00
12.4	2 x 10 Sq.mm	Meter	900	249.00	224100.00
13	Supplying and making end termination with brass compression gland and aluminium lugs for followingsize of PVC insulated and PVC sheathed / XLPEaluminium conductor cable of 1.1 KV grade n the existing RCC/ HUME/ METAL/ DWC/ GI pipe/ direct in ground as required as per direction of engineer-in-charge.				
13.1	3.5 x 50 Sq.mm (35 mm)	Each	14	484.00	6776.00
13.2	3.5 x 95 Sq.mm (45 mm)	Each	8	684.00	5472.00
13.3	3.5 x 120 Sq.mm (45 mm)	Each	2	710.00	1420.00

S.No.	Description	Unit	Qty	Rate	Amount
14	Supplying and laying of following size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 16205, Part 24 complete with fitting and cutting, jointing etc.direct in ground (75 cm below ground level) or in boggy trench including excavation and refilling the trench (in case of trench excavation) or in boggy trench but excluding sand cushioning and protective cover etc., as required in complete as per direction of engineer-in-charge				
14.1	63 mm dia (OD-63 mm & ID-51 mm nominal)	Meter	1480	289	427720.00
14.2	90 mm dia (OD-90 mm & ID-76 mm nominal)	Meter	650	336	218400.00
14.3	120 mm dia (OD-120 mm & ID-103 mm nominal)	Meter	100	417	41700.00
15	Supplying & Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 11 KV grade of following size in the existing RCC/ HUME/ METAL/ DWC/ GI pipe/ direct in ground as required.				
15.1	120 sq. mm	Meter	120	3170.00	380400.00
15.2	185 sq. mm	Mater	225	4187.00	942075.00
15.3	240 sq. mm	Meter	140	5009.00	701260.00
16	Supplying and making indoor cable end jointing with cast resin compound, including lugs and other jointing materials, for following size of 3 core, XLPE aluminium conductor cable of 11 KV grade as required :				
16.1	120 sq. mm	Each	2	3120.00	6240.00
16.2	185 sq. mm	Each	2	4144.00	8288.00
16.3	240 sq. mm	Each	7	4144.00	29008.00
17	Supplying and making outdoor cable end jointing with cast resin compound, including lugs and other jointing materials, for following size of 3 core, XLPE aluminium conductor cable of 11 KV grade as required :				
17.1	120 sq. mm	Each	2	5988.00	11976.00
17.2	185 sq. mm	Each	2	7010.00	14020.00
17.3	240 sq. mm	Each	7	7010.00	49070.00

S.No.	Description	Unit	Qty	Rate	Amount
18	Providing trench less with horizontal boring with manual boggy under the road up to depth of 1.5 m to 2.0 m below existing road surface including only laying HDPE/ DWC/ GI Protective sleeve pipe of suitable size for pulling LT/HT armoured cable including excavation of both end for pit creation ,ceiling of ends rein statement of entry/exist rip, disposal of surplus material at various locations of MNIT. (Supply of HDPE/DWC/GI/ Protective Sleeve Pipe not included in this item)	Meter	1300	740.00	962000
19	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	Kg	510	117.35	59848.5
20	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	Kg	5570	133.70	744709
21	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, for all lift, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.				
21.1	All kinds of soil.	Cum	17	260.30	4425.1
22	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
22.1	1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	Cum	4.5	6812.00	30654.00
23	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 and for all lift.	Cum	9	196.00	1764.00
24	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.				
24.1	Thermo-Mechanically Treated bars of grade Fe-500D or more	Kg	680	107.85	73338.00

S.No.	Description	Unit	Qty	Rate	Amount
25	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :				
25.1	1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	Cum	52	9045.75	470379.00
26	Supplying, filling, spreading & leveling stone boulders of size range 5 cm to 20 cm, on the ground, in the required thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge.	Cum	19.2	1509.80	28988.16
27	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in-charge.				
27.1	Made of G.I. wire of dia 4 mm	Sqm	125	1017.80	127225.00
28	Carriage of Earth by Mechanical Transport including loading,unloading and stacking in ground for lead upto any km for all lifts, complete as per directions of Engineer-in-charge.	Cum	1830	245.82	449850.60
29	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as required in complete as per direction of engineer-in-charge. - Any mixer	Cum	60	1503.60	90216.00
30	Taking out existing CC interlocking paver blocks from footpath/ central verge, including removal of rubbish etc., disposal of unserviceable material to the dumping ground and stacking of serviceable material as required in complete as per direction of engineer-in-charge.	Sqm	630	131.75	83002.50
31	Laying old cement concrete interlocking paver blocks of any design/ shape laid in required line, level, curvature, colour and pattern over and including 50 mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge. (Old CC paver blocks shall be supplied by the department free of cost).	Sqm	630	402.95	253858.50
32	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.				

S.No.	Description	Unit	Qty	Rate	Amount
32.1	3 x 2.5 sq. mm	Meter	970	148.00	143560.00
33	Supplying and laying 6 SWG G.I. wire at 0.50 metre below ground level for conductor earth electrode, including connection/ termination with GI thimble etc. as required.	Meter	2770	62.00	171740.00
34	Painting fencing of sub station & switchyard complete with M.S. angles iron flat etc with one coat of red oxide and further two coats of synthetic enamel gray paint of approved quality including scrubbing rubbing and cleaning Etc. & G.I. wire mesh with one coat of superior paints as required.	Sqm	245	155.9	38195.50
35	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. as required in complete as per direction of engineer-in-charge.	Sqm	120	972	116640.00
36	Buy back credit for following old & dismantled material				
36.1	ACSR conductor (3 Conductors shall collectively be measured in meter)	Meter	7000	-100	-700000.00
36.2	Old MS clamps/brackets	Kg	500	-30	-15000.00
36.3	Existing Old Meter Boards	Kg	200	-30	-6000.00
36.4	PCC pole	Each	100	-100	-10000.00
	Total				9673400.86
	Say				9673401.00

Executive Engineer cum Senior Manager (E)
MNITPED, CPWD, Jaipur

PERFORMA FOR QUOTING THE RATES

NIT No.: 02/EE(E)/MNITPED/2026-27					
Name of work: Replacement of existing old overhead electrical supply lines with underground cabling & street lighting work in MNIT, Jaipur. (SH: Transformers Shifting & HT Work)					
Estimated cost put to tender:				Rs. 96,73,401/-	
Name of Bidder:					
Sl. no.	Name of component	Estimated cost (Rs.)	Percentage above/below	% in figures	Total Cost (Rs.)
1	Electrical	Rs. 96,73,401/-			
	Total	Rs.96,73,401/-			