



GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT



Office of the Executive Engineer
President Estate Electrical Division, CPWD, Rashtrapati Bhavan,
New Delhi-110004.

(दूरभाष नं० 011-23015641, एक्सटेंशन नं० 4361, 4306)

(फैक्स नं० 011-23015641)

(ई-मेल: eepeed.cpwd@gov.in)

NOTICE INVITING TENDER

NIT No.54/EE(E)/PEED/2026-2027

Name of Work: - Operation and maintenance of E&M Services at RP Nilayam, Hyderabad. SH: Providing and repairing of various E&M equipments and laying of Cable).

Estimated Cost: ₹ 51,47,229.00

Earnest Money: ₹ 1,02,945.00

Last date and time of online submission of bid: 10/09/2026 upto 15:00hours

NOTICE INVITING TENDER

NIT No.54/EE(E)/PEED/2026-2027

Name of Work: - Operation and maintenance of E&M Services at RP Nilayam, Hyderabad. SH: Providing and repairing of various E&M equipments and laying of Cable).

INDEX

Sl.No.	Description	Page no.
1.	Cover page	1
2.	Index	2
3.	NOTICE INVITING e-TENDERS	3
4.	Information & Instruction for Contractor for e-tendering	4 - 6
5.	Undertaking - Form “A”	7
6.	EMD Deposit Receipt FORM “B”	8
7.	Bank Guarantee Bond - Form “C”	9 - 10
8.	CPWD 6	11 - 13
9.	CPWD 7	14 - 15
10.	Performa of Schedule (A to F)s	16 - 19
11.	General Terms & Conditions	20 - 23
12.	List of acceptable makes	24 - 25
13.	SCHEDULE OF WORK	26 – 34
14.	DRAWING FOR ITEM NO. 11	35

**Certify that this NIT Document Contains Page 1 to 35
(One to Thirty-Five Only)**

**NIT approved for Rs.51,47,229.00
(Rs. Fifty-One Lacs Forty-Seven Thousand Two Hundred Twenty-Nine only)**

**Assistant Engineer (E) (P)
President Estate Electrical Division**

**Executive Engineer (E)
President Estate Electrical Division**

NOTICE INVITING e-TENDERS

The Executive Engineer (E), PEED, CPWD, Rashtrapati Bhavan, New Delhi-110004 on behalf of President of India invites online percentage rate bid from the **“CPWD enlisted contractors of appropriate class in Buildings & roads” only**, for the following work: -

NIT No.54/EE(E)/PEED/2026-2027

Name of Work:- Operation and maintenance of E&M Services at RP Nilayam, Hyderabad. SH: Providing and repairing of various E&M equipments and laying of Cable).

Sl.No.	Description	Details
1	Estimated Cost	₹ 51,47,229.00
2	Earnest Money	₹ 1,02,945.00
3	E-Tender Processing Fee	N/A
4	Period of Completion	3 Months
5	Last time and date of submission of bid	10/09/2026 upto 15:00 hours

The tender forms and other details can be obtained from the website <https://etender.cpwd.gov.in>. Press notice is also available on www.eprocure.gov.in. Further modification of change of dates, if any, can be seen in the above stated tender web site.

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

The Executive Engineer (E), PEED, CPWD, Rashtrapati Bhavan, New Delhi-110004 on behalf of President of India invites online percentage rate bid from the “CPWD enlisted contractors of appropriate class in Buildings & roads” only, for the following work: -

S.No.	NIT No.	Name of work & Location	Estimated cost put to tender (Rs)	Earnest Money	Stipulated Period of Completion (In days)	Last date and time of submission of bid, original EMD, copy of receipt for deposition of original EMD and other documents as specified in the bid documents.	Date & time of opening of bid
1	2	3	4	5	6	7	8
1.	54/EE(E)/PEED/2026-2027 Dated: 02/09/2026	Name of Work:- Operation and maintenance of E&M Services at RP Nilayam, Hyderabad. SH: Providing and repairing of various E&M equipments and laying of Cable).	Rs. 51,47,229.00	Rs. 1,02,945.00	3 Months	10/09/2026 upto 15:00 Hrs.	10/09/2026 at 15:30 Hrs.

- 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.
- Information and Instructions for bidders posted on website shall form part of bid document.
- The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website www.etender.cpwd.gov.in free of cost.
- 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 (E), President Estate Electrical Division, Rashtrapati Bhavan, New Delhi-110004 and receipt for deposition of original EMD to Division office of any Executive Engineer (Including NIT issuing EE/AE), CPWD and other documents as specified.

5. 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>.
6. 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 e-signer on their system as per instructions available on download section of <https://etender.cpwd.gov.in>.
7. On opening date, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.
8. Contractor can upload documents in the form of JPG format and PDF format.
9. 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.
10. If any information furnished by the applicant is found incorrect at a later stage, he shall be liable to be debarred from tendering/ taking up of works in CPWD. The Department reserves the right to verify the particulars furnished by the applicant independently.
11. If the bidder has not possessed valid electrical license then in such a case the bidder shall scan and upload following undertaking along with other bid documents. "If work is awarded to me, I/we shall either obtain valid electrical license at the time of execution of electrical work or associates contractor having valid electrical license of eligible class."
12. The existing enlisted contractor either himself or his authorized representative shall take compulsory ERP (Enterprise Resource Planning) training through any of the CPWD Regional Training institutes (RTIs) at Delhi, Mumbai, Chennai and Kolkata, National CPWD Academy (NCA) Ghaziabad, Training arranged by Graduates of ERP "Train the Trainers Programme" conducted by NCA, Ghaziabad or through any other special training arranged by ERP unit of CPWD before 30.06.2024. Training will be valid only when participants are registered in LMS (Learning Management System) of ERP and certificate is issued through LMS of ERP. From 01.07.2024, the enlisted contractor will not be allowed to participate in tendering process without uploading the certificate of above training. In case of non-enlisted contractor being first lowest in any of the tender then either contractor himself or his authorized representative shall take compulsory ERP training through any of the CPWD Regional Training Institutes (RTIs) at Delhi, Mumbai, Chennai and Kolkata, National CPWD Academy (NCA) Ghaziabad, Training arranged by Graduates of ERP "Train the Trainers Programme" conducted by NCA, Ghaziabad or through any other special training arranged by ERP unit of CPWD within two months from the date of issue of intent letter. Training will be valid only when non enlisted contractor is registered in LMS of ERP and certificate is issued through LMS of ERP. Failure to do so, a recovery of Rs.10,000/- per week shall be made from the R/A bill without giving any show cause notice in this regard. (OM No. DG/Enlist.Rules-2023/ 10 dated 22.04.2024).

List of Documents to be filled in by the bidders in various forms to be scanned and uploaded in JPG/PDF format within the period of bid submission.

1.	Copy of receipt for deposition of original EMD issued from Division office of any Executive Engineer CPWD. (Including NIT issuing EE/AE, CPWD) 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 against EMD. Form-B.
2.	Scan copy of original EMD.
3.	CPWD Enlistment Order of the Contractor.
4.	Certificate of Registration for GST or Undertaking as perform 'A'.
5.	Permanent Account Number (PAN) Card as issued by the Income Tax Department.
6.	Valid Electrical License or Undertaking as per Para-11 above if applicable.
7.	Undertaking by contractor on his Letter-Head in the following format: "I/We Declare that, I/We have not been Debarred/Blacklisted by Central Government/State Government."
8.	ERP training certificate issued through LMS of ERP. The Non-CPWD Contractors shall be allowed to participate in tender with an undertaking that "I/We will obtain ERP certificate as per OM No. DG/Enlist. Rules-2023/10 dated 22.04.2024".

UNDER TAKING REGARDING GST REGISTRATION

To,

Executive Engineer (E)
President Estate Elect. Division
CPWD, Rashtrapati Bhavan
New Delhi - 110004

**Name of Work:- Operation and maintenance of E&M Services at RP Nilayam, Hyderabad.
SH: Providing and repairing of various E&M equipments and laying of Cable).**

Sir,

Having examined the details given in the bid document for the above work, I/we hereby submit the following undertaking along with bid documents as given below:

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

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

Date of Submission:

EMD Receipt format

Receipt of deposition of original EMD (Receipt No...../date.....)	
1. Name of Work:- Operation and maintenance of E&M Services at RP Nilayam, Hyderabad. SH: Providing and repairing of various E&M equipments and laying of Cable). 2. NIT No.54/EE(E)/PEED/2026-2027 3. Estimated Cost: ₹ 51,47,229.00 4. Amount of Earnest Money Deposit: ₹ 1,02,945.00 5. Last date of submission of bid: 10/09/2026 (*To be filled by NIT approving authority/EE at the time of issue of NIT and uploaded along with NIT)	
1. Name of Contractor:# 2. Form of EMD:.....# 3. Amount of Earnest Money Deposit:.....# 4. Date of submission of EMD:.....# Signature, Name and Designation of EMD Receiving officer (EE/AE(P)/AE/AAO) Along with office stamp (# to be filled by EMD receiving EE)	

Note:

The EMD document shall only be issued from the place in which the office of receiving Division office is situated

FORM 'C'

(On Non- Judicial stamp paper of minimum Rs.100)

(Guarantee offered by Bank to CPWD in connection with the execution of contracts)

Form of Bank guarantee/e-bank guarantee for Earnest Money Deposit /Performance Guarantee/Security Deposit/Mobilization Advance

1. Whereas the Executive Engineer..... (Name of Division), CPWD on behalf of the President of India (here in after called "The Government") has invited bid sunder.....(NIT number).....dated.....for (name of work).
.....The Government has further agreed to accept irrevocable Bank guarantee/e-bank guarantee for Rs..... (Rupees.....only) **in favour of Executive Engineer (E), PEED, CPWD, Rashtrapati Bhavan, New Delhi-110004** valid upto..... (date)*.....as **Earnest Money Deposit** from.....(Name and address of contractor) (Here in after called "the contractor") for compliance of his obligations in accordance with the terms and conditions of the said NIT.

OR

Where as the Executive Engineer.....(Name of Division), CPWD on behalf of the President of India (here in after called "The Government") has entered into an agreement bearing number.....with.....(name and address of the contractor).....(Here in after called" the Contractor") for execution of work..... (Name of work)The Government has further agreed to accept an irrevocable Bank guarantee/e-bank guarantee for Rs.....(Rupees.....only) **in favour of Executive Engineer (E), PEED, CPWD, Rashtrapati Bhavan, New Delhi-110004** valid upto.....(Date) As **Performance Guarantee/Security Deposit/Mobilization Advance** from the said Contractor for compliance of his obligations in accordance with the terms and conditions of the agreement.

2. We, (indicate the name of the bank) (herein after referred to as "the Bank"), hereby undertake to pay to the Government an amount not exceeding Rs.....(Rupees only) on demand by the Government within 10 days of the demand.
3. We,(indicate the name of the Bank)....., do hereby under take to pay the amount due and payable under this guarantee without any demur, merely on a demand from the Government stating that the amount claimed is required to meet the recoveries due or likely to be due from the said Contractor. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs..... (Rupees only).
4. We..... (indicate the name of the Bank), further undertake to pay the Government any money so demanded notwithstanding any dispute or disputes raised by the contractor in any suit or proceeding pending before any Court or Tribunal, our liability under this Bank guarantee/e-bank guarantee being absolute and unequivocal. The payment so made by us under this Bank guarantee/e-bank guarantee shall be a valid discharge of our liability for payment there under and the Contractor shall have no claim against us for making such payment.

5. We..... (indicate the name of the Bank)....., further agree that the Government shall have the fullest liberty without our consent and without affecting in any manner our obligation here under to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Contractor from time to time or to postpone for any time or from time to time any of the powers exercisable by the Government against the said contractor and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation or extension being granted to the said Contractor or for any forbearance, act of omission on the part of the Government or any indulgence by the Government to the said Contractor or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.
6. We,.....(indicate the name of the Bank),further agree that the Government at its option shall be entitled to enforce this Guarantee against the Bank as a principal debt or at the first instance without proceeding against the Contractor and notwithstanding any security or other guarantee the Government may have in relation to the Contractor's liabilities.
7. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor.
8. We, (indicate the name of the Bank), undertaken Otto revoke this guarantee except with the consent of the Government in writing.
9. This Bank guarantee/e-bank guarantee shall be valid up to unless extended on demand by the Government. Not with standing anything mentioned above, our liability against this guarantee is restricted to Rs..... (Rupees only) and unless a claim in writing is lodged with us within the date of expiry or extended date of expiry of this guarantee, all our liabilities under this guarantee shall stand discharged.

Date:

Witnesses:

Authorizes Signatory

1. Signature.....

Name & Address

Designation

Staff Code No
Bank Seal

2. Signature.....

Name &Address

* Date to be worked out on the basis of validity period 90 days for Single bid system from the date of submission of tender.

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

The Executive Engineer (E), PEED, CPWD, Rashtrapati Bhavan, New Delhi-110004 on behalf of President of India invites online percentage rate bid from the “CPWD enlisted contractors of appropriate class in Buildings & roads” only, for the following work:- Operation and maintenance of E&M Services at RP Nilayam, Hyderabad. SH: Providing and repairing of various E&M equipments and laying of Cable). 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.

- 1. The work is estimated to cost Rs. 51,47,229.00 This estimate, however, is given merely as a rough guide.**
2. Agreement shall be drawn with the successful bidders on prescribed Form No. CPWD 7 which is available as a Govt. of India Publication and also available on website www.cpwd.gov.in. Bidders shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.
- 3. The time allowed for carrying out the work will be 3 Months 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 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 in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee including e- Bank Guarantee (for balance amount as prescribed) from any of the Commercial Banks (drawn in favour of Executive Engineer President Estate Electrical Division) 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 including e- Bank Guarantee of any Commercial bank having validity for a period of 90 days for single bid works 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 are found in order.

The bid submitted shall be opened at 15:30 Hrs. on 10/09/2026

9. The bid submitted shall become invalid and e-Tender processing fee (if applicable) 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 as follows: Operation and maintenance of E&M Services at RP Nilayam, Hyderabad. SH: Providing and repairing of various E&M equipments and laying of Cable).** Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidders shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a 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 condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.
13. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable for rejection.
15. 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.

16. The contractor shall not be permitted to bid for works in the CPWD Circle (Division in case of contractors of Horticulture/Nursery category) responsible for award and execution of contracts, in which his near relative is posted a Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the Central Public Works Department or in the Ministry of Housing and 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.
- (i) If any tenderer withdraws his tender or makes any modification 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 modification 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 15 Days from the stipulated date of start of the work, sign the contract consisting of:-**
- (a) The Notice Inviting Bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.**
- (b) Standard C.P.W.D. Form 7.**
19. The intending bidders are required to update their profile in CPWD e- tender portal and to upload their bids well in advance of last date of submission of tender. Any issue related to updating profile/uploading tender can be resolved through the concerned Executive Engineer/ Assistant Engineer (Phone no *....., e- mail Id *.....) or ERP helpline no. 18001803286 or e-mail Id cpwd.support@techmahindra.com. The e- tendering bidders are also advised not to wait to raise any issues till the last date of submission of bid in their own interest.

**GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT**

Percentage Rate Tender and contract for works

Tender for the work of: Operation and maintenance of E&M Services at RP Nilayam, Hyderabad. SH: Providing and repairing of various E&M equipments and laying of Cable).

- I. To be uploaded by 15:00 hours on 10/09/2026 at etender.cpwd.gov.in**
- II. To be opened in presence of tenderers who may be present at 15:30 hours on 10/09/2026 in the office of Executive Engineer (E), PEED, CPWD, Rashtrapati Bhavan, New Delhi-110004.**

Issued to*

Signature of officer issuing the documents*

Designation*

Date of Issue*

TENDER

I/We have read and examined the notice inviting tender, schedule, A, B, C, D, E&F Specifications applicable, Drawings & Designs, General Rules and Directions, General Conditions of Contract maintenance work 2023 with up to date amendments clauses of contract, Special conditions, Schedule of Rate & other documents and Rules referred to in the conditions of contract and all other contents in the tender documents 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 respect with the specifications ,designs, drawing and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause11 of the Conditions of contract of 2023 for work with up to date amendments and with such materials as are provided for, by, and in respect of accordance with, such conditions so far as applicable.

We agree to keep the tender open for Thirty (30) Days from the date of opening of bids in case of single bid system and not to make any modification in its terms and conditions.

A sum of ₹1,02,945.00 is hereby forwarded in the form of insurance Surety Bonds/Account Payee/ Demand Draft/ Fixed Deposit Receipt/Banker's Cheque/ Bank Guarantee (as prescribed) issued by a Commercial Bank against EMD. If I/We, fail to furnish the prescribed performance guarantee within prescribed period. I/We agree that the said President of India or his successors, 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 work as specified, I/We agree that President of India or the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely. The said performance guarantee shall be 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 of the tender form. Further, I/We agree that in case of forfeiture of Earnest Money or 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: **

Signature of Contractor **

Witness: **

Postal Address **

Address: **

Occupation: **

(*) to be filled by EE

ACCEPTANCE

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for an on behalf of the President of India for a sum of s.....*..... (Rupee.....*.....).

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

- (a) *
- (b) *
- (c) *

For & on behalf of President of India

Signature.....*

Dated...*

Designation.....*

PROFORMA OF SCHEDULES

(Operative Schedules to be supplied separately to each intending tenderer)

SCHEDULE 'A' Schedule of quantities	As per Schedule of Quantity - Page No. 26 - 34
SCHEDULE 'D' Extra schedule for specific requirements/ document for the work, if any.	Nil
SCHEDULE 'E' Reference to General Conditions of Contract	Applicable GCC is GCC Maintenance Works2023 as modified and corrected upto Previous day of the last date of submission of the tender.
Name of Work	Operation and maintenance of E&M Services at RP Nilayam, Hyderabad. SH: Providing and repairing of various E&M equipments and laying of Cable).
Estimated cost of work	Rs. 51,47,229.00
Earnest money	Rs.1,02,945.00
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.
Security deposit	2.5 % of Tendered Amount
SCHEDULE 'F'	
GENERAL RULES & DIRECTIONS: Officer inviting tender	Executive Engineer (E), President Estate Electrical Division, CPWD, New Delhi -110004
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	Deleted
Definitions:	
Engineer-in-Charge	Executive Engineer (E), President Estate Electrical Division, CPWD, New Delhi -110004
Accepting Authority	Executive Engineer (E), President Estate Electrical Division, CPWD, New Delhi -110004
Percentage on cost of materials and labour to cover all overheads and profits:	15%
Standard Schedule of Rates	DSR-2025 modified and corrected upto Previous day of the last date of submission of the tender.
Department	Central Public Works Department.
Standard CPWD Contract Form	General Conditions of Contract Maintenance Works-2023, CPWD Form 7 modified and corrected upto Previous day of the last date of submission of the tender.
Clause 1	

(i)Time allowed for submission of Performance Guarantee, Programme chart (time and progress) and applicable labour licenses, registration with EPFO, ESIC, action Plan for Green Rating Certification, BOCW Welfare Board or proof of applying thereof from the date of issue of letter of acceptance.		7 days	
(ii) Maximum allowable extension with late fee at 0.1% per day of performance guarantee amount beyond the period provided in (i) above		3 days	
Clause 2			
Authority for fixing compensation under clause 2		Superintending Engineer, President Estate Circle, New Delhi-110004	
Clause 2A			
Whether Clause 2A shall be applicable		Not Applicable	
Clause 5			
Number of days from the date of issue of letter of acceptance for reckoning date of start		7 days after Letter of Acceptance (LOA) award of work or from the date of hand over of site whichever is later.	
Table of Milestones			
S.No.	Financial Progress	Time allowed (from date of start)	Amount to be withheld in case of non-achievement of milestone.
-----NIL-----			

~~Note: — 1. The “L1” can submit milestone as per his programme of work within 2 Months of acceptance for approval by Engineer in charge.~~

~~The amount so withheld may be released, if specifically requested by the contractor, on submission of Bank Guarantee in prescribed proforma.~~

Time allowed for execution of work from date of start	3 Months
Authority to decide:	
(i) Authority to convey the decision of shifting of milestone and extension of time	Executive Engineer (E), President Estate Electrical, New Delhi-110004
(ii) Authority to decide rescheduling of milestone and extension of time	Superintending Engineer, President Estate Circle, New Delhi-110004
(iii) Authority for Shifting of date of start in case of delay in handing over of site	Superintending Engineer, President Estate Circle, New Delhi-110004
Clause 5 A	Not Applicable
Clause 6	EMB
Clause 7	
Gross work to be done together with net payment / adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment	Rs.15 Lakh part there of as decided by Engineer-in-Charge.
Clause 7A No Running Account Bill shall be paid for the work till the applicable labour licenses, Registration with EPFO, ESIC and BOCW Welfare Board, whatever applicable are	

submitted by the contractor to the Engineer-in-charge. Whether Clause 7A shall be applicable	Applicable
Clause 8A Authority to decide compensation on account if contractor fails to submit completion plans, As built drawings, Services drawing, Standard Measurement Book and Other documents specified in NIT.	Executive Engineer (E), President Estate Electrical Division, CPWD, New Delhi -110004 or its Successor thereof.
Clause 10A List of testing equipments to be provided by the contractor at site	As per CPWD Specification
Clause 10C Components of labour expressed as percent of value of work:	Not Applicable
Clause 10CC Clause 10CC to be applicable in contracts with stipulated period of completion exceeding the period shown in next column	Not Applicable
Schedule of component of other Materials, Labour etc. for price escalation. Component of Electrical/Electrical construction value of work: Xm 50% Component of Labour expressed as percent of total value of work – Y 25%	
Clause 11	All CPWD General specification for electrical Works with correction slips issued upto last day of receipt of Bids.
Note	Order of precedence shall be following: (i) Description of Schedule of Quantities. (ii) Particular Specification and Special Condition, if any. (iii) Drawings. (iv) CPWD Specifications. (v) Indian Standard Specifications of B.I.S. (vi) Manufacturer's specifications and as decided by the Engineer-in-Charge.
Clause 12	
Type of work	Maintenance Work
12.2. & 12.3 Deviation limit beyond which clauses 12.2 & 12.3 shall apply for building work. For all items of the work (All the deviated quantities shall be paid at agreement rates)	No Limit
Clause 16 Competent authority for deciding reduced rates.	Upto 5% of tendered amount - Superintending Engineer, President Estate Circle, New Delhi-110004.
Clause 18 List of mandatory machinery, tools & plants	As per CPWD Specification

to be deployed by the contractor at site						
Clause 19 C		Engineer-in- Charge				
Clause 19 D		Engineer-in- Charge				
Clause 19 G		Engineer-in- Charge				
Clause 19 K		Engineer-in- Charge				
Clause 25						
Settlement of disputes by Conciliation and Arbitration						
Conciliator for Conciliation of dispute		Additional. Director General, CPWD, Region Delhi				
Arbitrator appointing Authority		Superintending Engineer, President Estate Circle				
Place of Arbitration		New Delhi				
Clause 32						
Requirement of technical representative(s) and recovery rate						
Sl. No.	Minimum Qualification of Technical Representative	Designation of Technical Staff	Minimum experience (Years)	Number (of major + minor component)	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 32	
					Figures	Word
1	Graduate Engineer Or Diploma Engineer (Electrical)	Project Manager Cum planning / Quality/site /Billing Engineer	2 Years Or 5 Years respectively	1	Rs.15,000/- Per month	Rupees Fifteen Thousand per Month.

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

Diploma holder with minimum 10 years relevant experience with a reputed construction company 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.

Executive Engineer (E)
President Estate Elect. Division
Rashtrapati Bhavan, New Delhi.

GENERAL TERMS AND CONDITIONS

Name of Work: - Operation and maintenance of E&M Services at RP Nilayam, Hyderabad. (SH: Providing and repairing of various E&M equipments and laying of Cable).

1. During the submission of performance guarantee, contractor has to submit the following details of workers proposed to be engaged by him: -

S. No.	Name of worker/ Employee	Category	Address	Qualification & Experience in case of skilled Worker	Adhar Card No. (Photo copy to be enclosed)	Workers/Employee Bank Details i.e. A/c No., Bank & Branch (Copy of Cancelled Cheque/ photocopy of passbook to be enclosed)
1.						

2. The contractor is instructed to submit the verification form for the labour to be deployed by him during course of execution of work in Rashtrapati Bhawan. The verification form can be obtained from the O/o DCP/Sec (RB) and / or concerned JE (E). No labour will be changed without written approval of Engineer-in-charge. If any changes have been done without written approval, then no payment will be released for the changed labour
3. The work shall be carried out at Rashtrapati Bhawan, New Delhi, the contractor is advised to quote his rates accordingly.
4. Contractor is advised to visit the site & check and go through all equipment's mentioned in Schedule of Work / Inventory / Terms & Conditions and also confirm the prevailing market rates before quoting the tender. Nothing shall be paid by Department on account of repairing / replacement of faulty & non-working switch gear / component during the handover of site.
5. The rates quoted shall be inclusive of all Taxes and duties, nothing extra shall be paid on this Account.
6. **All modular switch and socket with plate should be same as existing as per direction of Engineer In charge. The color and shape of the new modular switch and socket must be matched with the existing.**
7. If any item is to be different than whatever mentioned in the schedule of work it should specifically be brought out to the notice of department while quoting for the tender.
8. No T & P shall be issued by the department.
9. Staff provided for duty shall be professionally competent and experienced to handle the eventualities of electrical installations.
10. All tradesmen shall be appropriately skilled to carry out their trade related works. In case no relevant trade job is available for a particular tradesman / worker during any working hour, his services may be utilized for assisting other tradesman/ or any other maintenance related job may be assigned as per the directions of Engineer-in-charge, no extra claim shall be entertained by the department on this account.

11. The contractor shall furnish Name & Contract Number and a valid email ID of the Firm and person, who should be contracted during general/emergency contact/complaint emergency.
12. No extra payment payable for wastage of labour.
13. All the dismantled material if any received from site shall be returned to the department and deposited in the store of the JE(E), President Estate for which nothing extra shall be paid.
14. Department shall in no way be involved in any dispute of whatever kind, between the contractor and the staff engaged by him.
15. Any loss or damage to the inventory (as per NIT) by way of theft sabotage or mal-operation of equipment, switch gears shall be made good by the contractor.
16. Staff shall wear the uniform/dress as per the instruction of Engineer-in-Charge during duty hours at Rashtrapati Bhawan. If any of the staff found without/dress then recovery shall be made @200/- each per day from the contractor's bill.
17. Site is located in sensitive and high security & VVIP area, where movement and routes are restricted. Some restrictions may be imposed by the Security Agency on the working and for movement of labour, materials etc. The movement of trucks and vehicles shall be regulated in accordance with rules and regulations as approved by competent authority. The contractor shall be bound to follow all such restrictions/instructions and nothing extra shall be payable on this account. No claim whatsoever will be entertained by the department on account of any, restrictions (including temporary suspension of work) imposed by the security agencies in execution of work.
18. There may be some restrictions on free movement of laborers at site and restriction of working hours and the agency shall consider this fact while quoting the rates and executing the work. Photo passes if any required for worker shall be responsibility of the contractor.
19. The personal deployed at site should be well behaved having good integrity and shall follow the security protocols of Rashtrapati Bhawan. The personals found misbehaved or of doubtful integrity shall be immediately removed this site and his entry shall be banned. The contractor shall take all precautions while deploying manpower and provide suitable manpower immediately occurrence of such incidents in writing by Engineer-in-charge at his own cost.
20. The Contractor has to maintain record of all visits and inspection made by staff in a register and shall submit to Engineer-in-charge at every running account bill.
21. If break down occurred due to negligence of the contractor's staff, then contractor shall have to replace / repair defective/unserviceable parts/equipment's within his quoted rates. Nothing extra shall be paid by the department. If beyond reasonable delay in replacement of parts, then recovery shall be made from the bill as assessed by the Engineer in Charge.
22. No labour huts shall be allowed inside the campus of above said work. The contractor shall make his own arrangement for the stay of labour outside the campus including transportation and nothing extra shall be payable on this account.

23. The Contractor shall also be required to follow the rules & restrictions imposed on working/movement/stacking of materials by the local competent authority at all times. Nothing extra shall be payable on this account.
24. All the materials which are intended to be used in the work shall be got approved from the Engineer-in- Charge before put to work.
25. The watch and ward of the materials issued to the Contractor or installed at site shall be responsibility of the Contractor till the installations on completion are finally handed over to the Department.
26. Income Tax, GST and Labour Welfare cess will be deducted at prevailing rates from gross amount of contractor bills.
27. The contractor shall carryout the work at his own responsibility and risk. In case of any accident no claim hall be given to the contractor or his employee by the department.
28. The staff deputed in the work shall be contractor's liability, therefore no claim for continuous or regular employment with the department.
29. The contractor shall replace the staff, in the event of misconduct by him.
30. The department shall not provide any store accommodation for the stores brought by the contractor or issued by the department.
31. The makes of material will be as per attached list of approved makes against each item of work or as per instructions of Engineer in charge.
32. The execution of the job shall be done in a workman like manner to give structurally sound and neat appearance.
33. The work shall be carried out in highly security area hence labour is to be engaged as per availability of site, no claim for idle labour will be accepted.
34. The contractor shall take all precautions for safety of the workman. If any accident/mishap occur, the department shall not be responsible for the same. Consequently, any compensation payable shall be at the contractor's cost.
35. Any malba generated due to dismantling/execution shall be cleared from the site of work immediately without any extra cost failing which same shall be done by the department and suitable recovery shall be made form the bill of the bill of the contractor.
36. The entry of labour/workers and materials into the Rashtrapati Bhawan / President Estate is through temporarily working passes by Security of Rashtrapati Bhawan and DCP Traffic Police for which contractor has to submit the details as required for issue of passes. Any type of losses due to delay and non-issue of passes/permit shall not be the responsibility of department. No claim whatever due to the above aspects shall be entertained by the department.
37. Strictly no electronic gadget like microphone, mobile phone, pen drive, camera, chip, SIM or other electronic equipment is not allowed in Rashtrapati Bhawan.

38. Any misbehavior, impersonation & security breaches caused by the labour will not be tolerable at all. The contractor shall be fully responsible for such acts of omission if any legal action is initiated by the competent authority for violating the security measures.
39. **The agency has to provide the warranty for repair and replacement of product for minimum 12 months.**
40. **All the materials shall be purchase through OEM or their authorized distributor or dealers only. In support of purchase photocopy of GST paid invoice will be submitted by the firm along with supply of materials.**
41. **Total quantity taken in BOQ to be installed as & when required as per direction of Engineer-in-Charge.**
42. **The post top fittings must be same as previously installed fittings in the area around the installation of new fittings.**
43. After the expiry of the contract, system will be handed over back to the department's authorized representative with all systems and equipments in 100% functional condition & with complete inventory including as updated during the currency of contract, failing which recovery will be made from contractor's final bill. The decision of Engineer in charge shall be final and binding.

Assistant Engineer (E) (P)
President Estate Elect. Division
Rashtrapati Bhavan, New Delhi.

Executive Engineer (E)
President Estate Elect. Division
Rashtrapati Bhavan, New Delhi.

List of acceptable makes

Sl.no.	Description of items	Makes
1.	Wire / Cable/ telephone/ CAT 6A	Polycab / Finolex / Havells / RR kabel
2.	Modular type switch socket regulator / GI box / base & cover /Plug top plate/Telephone	LEGRAND / CRABTREE / ANCHOR ROMA / Havells / North West
3.	Steel Conduit & accessories	NIC / AKG / BEC / Rmcon
4.	PVC Conduit & accessories	AKG / BEC / Astral / Finolex / Ashirvad / Prince
5.	MCCB'S / MCB / INDUSTRIAL SOCKET / MCB DB / RCCB	LEGRAND / SCHNEIDER / ABB / L&T/ SIEMENS
6.	Gland & Lugs	Action / Comet / Dowell's /Jainson/ Raychem
7.	Straight through Joints / Heat Shrinkable Kit	M-Seal (3-M) / Raychem / Denson / Grip-sil / Elechem
8.	Contactors, Timer, HRC Fuses & Fuse Fittings/MPCB	Siemens/L&T/Schneider/Abb
9.	Voltmeter, Ammeter, Multifunction Meter,KWh Meter	L & T / Konzerv/ Trinity /Dief/ Crompton Grieves/ Secure/Neptune/ Ab Socomec
10.	Current Transformer/ Potential Transformer	Kappa/Ae/Gilbert & Maxwell/L&T/Matrix
11.	Protective Relays	Alstom/Abb/Siemens/L&T
12.	LED Fitting	Lighting Technology/ Philips/ Regent
13.	M.S. Pipe / G.I. Pipe	TATA / Jindal (Hisar) / SAIL
14.	SMC/ FRP Junction box	Sintex / Rittal / Hensel /GE Power / Gewiss
15.	DWC HDPE Pipe	Rex / Duraline / Tirupati
16.	Data/ voice networking cable and components (passive components) /optical fibre cable	PANDUIT /SYSTIMAX / Schneider/ SIEMON / CORNING
17.	Data/ voice networking components (active components) core switch / access switch/fiber module /router	CISCO/HP ARUBA / JUNIPER/ EXTREME/ ALLIED TELESIS
18.	LT power distribution panel	Tricolite Electrical Industries/C&S/ Sterling & Wilson /Milestone/Adlec Control System Pvt. Ltd./ Advance Panels & Switchgears/ Precision system control/ Neptune India ltd

19.	NETWORK RACK	APW-VERO/ RITTAL / NETRACK/ VALRACK/TOA
20.	Pump set	Kirloskar /KSB / WILO / Grundfos
21.	Post top fitting	K Lite/ Twinkle / Hi Lite / Lustre
22.	Television	Samsung / Sony/ LG
23.	Any Other Item	With approval of Engineer- in- Charge

Assistant Engineer (E) (P)
President Estate Elect. Division
Rashtrapati Bhavan, New Delhi.

Executive Engineer (E)
President Estate Elect. Division
Rashtrapati Bhavan, New Delhi.

SCHEDULE OF WORK

Name of Work: Operation and maintenance of E&M Services at RP Nilayam, Hyderabad. SH: Providing and repairing of various E&M equipments and laying of Cable).

S. No.	Description of items	Qty.		Rate	Unit	Amount
1	Supplying of following capacity and size XLPE insulated and PVC sheathed industrial Aluminium conductor Armoured cable conforming to IS 7098 (part 1) 1988 of 1.1 KV grade complete etc as required.					
a)	4 x 16 Sq mm	400	Mtr.	415.00	Per Mtr.	166000.00
b)	3.5 x 25 sqmm	1000	Mtr.	431.00	Per Mtr.	431000.00
2	Supplying and laying of following size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc.direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required.					
a)	63 mm dia (OD-63 mm & ID-51 mm nominal)	2300	Mtr.	289.00	Per Mtr.	664700.00
3	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL pipe as required.					
a)	Upto 35 sq. mm	800	Mtr.	47.00	Per Mtr.	37600.00
4	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface/ recessed conduit/ submain wiring/ cable as required.	1600	Mtr.	50.00	Per Mtr.	80000.00

5	SITC of outdoor weather proof LT panel Feeder Pillar suitable for 415v, 3 Phase , 4 wire 50 Hz Ac supply system fabricated in fully compartmentalized design, double door, from CRCA sheet steel of 2 mm thick for frame work and covers, 3mm thick for gland, plates i/c cleaning and finishing complete with 7 tank process for powder coating in approved shade, hinged front openable double leaf door, having following Amp capacity TPN aluminium alloy bus bars of high conductivity, DMC/SMC bus bars supports with short circuits withstand capacity of 31 MVA for 1 sec., bottom base channel of MS section not less than 50mm x 50mm x 5mm thick, fabrication shall be done in transportable sections, entire panel shall have a suitable size common earth bar at the rear with 02 Nos. earthstud, solid connections from main bus bar to switch gears with 800Amp. TPN Al. bus bars and control wiring with 2.5 sqmm PVC insulated copper conductor S/C cable, cable alley, cable glands plates in two half, Multifunction meter i/c excavation and CC foundation of 1:2:4 (1 Cement: 2 Coarse sand : 4 stone aggregate 20mm nominal size) 400 mm deep and 300 mm above ground level, plastering, finishing etc. complete as required. (for MCCB ICs = 100% ICu)					
a)	Fabrication of panel size depth upto 350mm- 450mm	10.00	Sqm.	41,108.00	Per Sqm.	4,11,080.00
6	Providing and fixing following rating and breaking capacity and pole MCCB with thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required.					
a)	100 A, 16 KA,TPMCCB	30	Nos.	4,003.00	Each	120090.00
b)	200 A, 25 KA,TPMCCB	1	Nos.	8,111.00	Each	8111.00
c)	250 A, 25 KA, TPMCCB	1	Nos.	13,647.00	Each	13647.00
d)	400 A, 50 KA, FPMCCB	4	Nos.	44,663.00	Each	178652.00
e)	125 A,36KA,FPMCCB	3	Nos.	8,644.00	Each	25932.00
f)	Digital Time switch	2	Nos.	2,425.00	Each	4850.00
g)	Multi Function LED Meter with three line display	5	Nos.	5,183.00	Each	25915.00
7	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 refilling etc. as required.	30	Mtr.	755.00	Per Mtr.	22650.00

8	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required.	20	Mtr.	287.00	Per Mtr.	5740.00
9	Supplying of openwell submersible 7.5 HP pumpset in the existing UG sump, suitable for DOL starter and operation on 415V, 50Hz, stainless steel shaft, three phase AC supply and capable of providing Discharge rate not less than 10 LPS at head not less than 30mtrs suitable for 80 x 65 mm pipe size including making submersible cable joint, testing and commissioning etc complete as required.	2	Nos	48,378.00	Each	96756.00
10	Supplying of multistage bore well submersible 5 HP pump set suitable for discharge working range 66 lpm at a head range of 40mtr respectively, suitable for 100 mm dia. bore with nozzle/Impellers, diffuser stainless steel shaft and housing, suitable for 415V, 50Hz three phase AC supply complete with connections etc. as required.	2	Nos	57,166.00	Each	114332.00
11	Supply installation testing and commissioning of 35-40W LED Ornamental post top made out of aluminium die cast base with, polycarbonate diffuser with stainless steel pins & toggle PU painted with Highly effacing electronic external driver high voltage protection, power LED white/warm white mounted on MCPCB with better heat dissipation arrangement minimum lumen 100lm per W suitable for cool/warm white light having minimum CCT 3000K power factor not less than 0.90,CRI>70%, complete with all accessories and external LED driver complete etc as required .	40	Nos	24,474.00	Each	978960.00
12	Supply of Diagonal Size -1m 08cm (45") 4K ultra HD TV, suitable processor with OS, 50/60Hz ,Resolution 3,840 x 2,160,Pixel , HDMI In 3, USB 2,IR In , Inbuilt 20 Watt speakers ,Audio Out , RJ45 In , WiFi, Bluetooth , wall mount kit and accessories etc complete as required.	5	Nos.	52,105.00	Each	2,60,525.00

13	Supply of TV stand suitable for LED/ LCD/ Plasma screen TV, Body material: Steel alloy, Surface Finish: Powder Coating, Color: Fine Texture Grey & Matte Black, Suitable for TV size 43" to 85" having weight not less than 50 Kg., height adjustable type minimum 3.5ft. maximum upto 5.5 ft., shelf for laptop/switcher placing, having 4 Nos. of wheels with lock arrangement for shifting purpose, tilting arrangement $\pm$ 5 Deg. to 10 Deg., screen rotation 0 Deg. to 90 Deg. shelf weight capacity not less than 10 Kg. complete etc. as reqd. (drawing shall be approved by Engineer-in-charge).	10	Nos.	16,463.00	Each	1,64,630.00
14	Supplying and fixing cable route marker with 10 cm X 10 cm X 5 mm thick G.I. plate with inscription there on, bolted /welded to 35 mm X 35 mm X 6 mm angle iron, 60 cm long and fixing the same in ground as required.	300	Nos	598.00	Each	1,79,400.00
15	Supplying of outdoor type pressure boosting pump set suitable for discharge working range 20lpm at a head range of 40mtr , 1HP, with stainless steel impellar,aluminium body having mechanical seal and pressure tank suitable for 220V, 50Hz single phase AC supply complete with connections etc. as required.	7	Nos	35,233.00	Each	2,46,631.00
16	Supplying and fixing of push button operated sanitary napkin vending machine fully automatic electronically operated made of anticorrosive powder coated steel ,with a LCD display and dimensions of machine not less than 15cmx45cmx70cm with stock window, lockable body and with capacity of minimum 50 napkins etc as required.	4	Nos	11,974.00	Each	47,896.00
17	Supplying and fixing of Automatic sanitary napkin incinerator with auto turn off feature, capacity min 80 napkins per day and 7 per load with dimensions not less than 200x200x300mm of MS body of 12mm thickness and coil wattage of 1000w including exhaust pipe as required.	4	Nos	13,419.00	Each	53,676.00

18	Supplying of 35feet height (20 feet closed height and extended height upto minimum 35 feet with 4 feet of overlap), 600mmx600mm extendable telescopic square vertical tiltable tower ladder fabricated from Aluminium for tower, platform height upto 33 feet made out of 20 x 20inch x minimum 3mm thick aluminium chequered plate and top side covered with aluminium sheet comprising four vertical corner members interconnected with horizontal/diagonal bracing members to form a rigid and stable square tower ladder. section of vertical member should be minimum 65mm x 30mm x 3mm thick. Trolly base size 6feet x 8feet made out of MS channel of size 100mm x 50mm x 6mm and side angle side 50mm x 50mm x 6mm, 2 Nos. heavy duty winch (Gear box) weight capacity upto 0.5 Ton each, 8mm dia tested steel rope, 2 inch x 8 inch MS forged solid rubber wheels (2fix and 2 swivels) with double ball bearing, The ladder shall be provided with suitable intermediate supports, connection plates, brackets and anchorages and securely fixed to the structural framework, Four Nos. parking jack screw, Tool tray on top of ladder and painting with one coat of anti corrosive rimer and two coats of protective PU paint including safety locks, safety gate etc. as required and approved by engineer in charge.	1	Nos	1,70,398.00	Each	1,70,398.00
20	Supplying, Installation, Testing & Commissioning of Flood Light, powder coated pressure die cast aluminium body with built in or separate driver as per the requirement with Driver efficiency >85%, Input voltage: Input voltage: 140-270 Volt AC, frequency 50/60 hz, Operating temp range -5 0C to 50 0C, internal surge protection of 5 KV L,N,E as per IEC 61000-4-5, Driver efficiency >85%,THD < 10% as per IEC 61000-3-2, P. F.≥0.95, IP-66,IK-10, CRI>70, under voltage and over voltage protection, EMI-EMC as per CISPR -15, lenses for beam angle 30 deg-120deg as per the application and the project requirement,					

	suitable tilt able fitting, life time(LED, Driver & electrical circuitry) of minimum 50000 Burning Hours with 70% of initial Lumen maintained till life ends as per LM80 extrapolation IES TM-21-11 report, CCT 3000°K /4000°K / 5700°K /6500°K (As per ANSI Bin) ,SDCM(Standard Deviation Color Matching) <5,Maximum power consumption should not more than the specified rating and Fixture shall be of relevant BIS standard complete in all respect i/c external connections with 1.5 sq mm FRLS/HFFR, PVC insulated copper conductor single core cable and earthing etc. as required with Minimum 5 year OEM warranty. System lumen efficacy ≥ 105 <120 lm/Watt output .LM79 & LM80 Test report and all testing required for LED fixtures as per BIS shall be submitted.. Shape size and CCT shall be as approved by Engineer-in- Charge as per requirement. (Thermal management: heat sink of aluminium housing such that LED junction temperature shall not rise above 90°C).					
20.1	100 watt	25	Nos	2,266.00	Each	56650.00
21	Supplying and drawing following core Fiber Optic Cable having corrugated steel armoring. The Fiber should be SM Fiber Central -loose tube filled with Thixotropic jelly, duly following Standards: ISO 11801, IEC 60793-1/60794-1-2, ITU-T-REC G.652D and Telecordia GR-20-core, High quality Electro Chromium Coated Corrugated Steel tape (ECCS) and HDPE- Sheath, Operating ambient Temperature should be – 5 0C to +50 0C and Storage Temperature shall be – 5 0C to +50 0C, Max Attenuation ± 0.36 (db / km) at Operational Wavelength 1310 nm and ± 0.22					
	db / km at Operational Wavelength 1550 nm. type of fiber should be 9/125 / G.652D & Refractive Index should be 1.4670/1.4675. The value for Mode-filed, Cladding Diameter $9.2 \pm 0.4 \mu\text{m}$ and $125 \pm 0.7 \mu\text{m}$ correspondingly. The Dispersion value < 3.5 < 18 ps/nm-km and PMD value < 0.2 ps/km and Cable Cutoff wavelength < 1260 nm i/c splicing & marking etc complete as required.					
21.1	Single Mode 12 Core Optical fiber cable	1800	Mtrs	89.00	Per Mtr.	160200.00

22	Supplying and fixing Outdoor Pole/Wall mount 6U Rack, IP55, Front Door with Filter, Louver & Unique key Lock. 3 Socket PDU 5Amp - 1 No. Self adhesive thermal foam from inside. Hood For Air Inlet at front side.1U Cantilever Tray 250mmDepth, Gasket. etc complete as required.	2	Nos	22,228.00	each	44456.00
23	Supply and fixing following port Rack Mount loaded LIU with pigtail, Front-mounted cable saddles for jumper management, suitable to manage both splices and terminations, Pre-assembled shelves in multiple configurations, Rubber fiber slotted bracket built-in, metal splice shelf to protect the fibers, 2 fiber spools built-in for 900µm tight buffered fiber storing, Capable of storing up to 3 meters of 900µm tight buffered fiber					
	per adapter, Removable front and rear covers for better access to interior of LIU, Should be Single / Multi mode LC Type fully loaded. Accessory kit consists of cable ties, mounting ear screws, and spiral wrap tube etc complete as required.					
23.1	24 Port LIU	2	Nos	10,049.00	Each	20098.00
24	Supplying, Installation, Testing and commissioning of small form-Pluggable (SFP) for Network Switches. Must be hot Pluggable, RoHS Complaint, etc. complete as required.					
24.1	1G SFP Single Mode/Multi Mode	2	Nos	4,211.00	Each	8422.00

25	Supplying, installation, Testing and commissioning of following capacity 8 port Layer 2 indoor Network Switch having features and specifications etc. as mentioned here under: Minimum 8 X RJ-45 Gigabit Ethernet Ports and additional 2 X 1G SFP Ports with non-blocking architecture by having Switching capacity of minimum 20Gbps and packet forwarding rate of 14Mpps or higher, 8K MAC table. Internal dual AC Power supply with operating temperature of -5 0C to +50 0C. Jumbo frame: 10KB or higher, IGMP Snooping, IGMP snooping querier and support for IGMP Snooping Fast Leave, Should create 250 or more MLD groups, MLD Snooping, Per VLAN MLD Snooping C MLD Snooping Fast Leave, STP, RSTP, MSTP, Loopback detection, Multicast filtering, VLAN Tagging, QOS: 8 Que per port, WRR, IPv4/IPv6 Interface : minimum 100 IPv4 static route entries and minimum 50 IPv6 static route entries, 700 Access Control entries, SSH CSSL for IPv4 and IPv6, 802.1x, ARP Spoofing, DHCP Snooping and server screening, IP+MAC+Port Binding, Per Port Bandwidth Control, 802.1X Authentication (Supports local/RADIUS database, Port-based Access Control and EAP, OTP, TLS, TTLS, PEAP Support) Cable Diagnostic feature, LLDP, LLDP-MED, SNTP/NTP, RMON, SNMP v1,v2c, v3 and SNMP Traps. Certifications: UL, CE, FCC, RoHS, MTCTE, OEM/Product must be on Trusted Telecom Portal of Department of Telecommunication, Government of India etc. complete as required.					
25.1	8 port PoE Layer 2 Network Switch with PoE Support of 130W or higher with each copper port supporting 802.3at PoE+.	2	Nos	35,091.00	Each	70182.00
26	Supplying, drawing, Installation, Testing and commissioning of outdoor type CAT6A UTP LSZH 23AWG Twisted Pair Cable in existing conduit/ on surface, Category 6 Unshielded Twisted Pair, 4 pair should be complied as per UL/ETL verification program for compliance with ANSI/TIA-568.2-D standard, rugged double sheathed construction, Outdoor compliant complete as required.	600	Mtr	96.00	Each	57600.00

27	Supplying Installation, Testing and commissioning of Gigabit ethernet fibre optic media converter, having 1 No.10/100/1000 Mbps RJ45 Ethernet port and 1 No. Fibre Optic port, compatible with IEEE 802.3/802.3u standards, auto negotiation, LED indications for power/link/activity, suitable for single-mode/multi-mode optical fibre, complete with SMPS/power adapter etc complete s required.	10	Nos	3,195.00	Each	31950.00
28	Supplying of 3 core x 4 Sq.mm PVC insulated and PVC Round Sheathed, Multicore Annealed Bare Copper Conductor flexible industrial cable for Voltage Grade 1100 Volt, Conforming to IS 694: 2010 ISI marked etc as required	500	Mtr	377.00	Per Mtr.	188500.00
		Total				51,47,229.00

Assistant Engineer (E) (P)
President Estate Elect. Division
Rashtrapati Bhavan, New Delhi.

Executive Engineer (E)
President Estate Elect. Division
Rashtrapati Bhavan, New Delhi.

DRAWING FOR ITEM NO. 11

