

**GOVERNMENT OF INDIA**  
**CENTRAL PUBLIC WORKS DEPARTMENT**  
NIT No. 67/AE(E)/Hindan/GED/2026-27

**Name of Work:** Replacement of Wiring at Affwa Complex at AF Stn Hindan.

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**Rs. 1,78,590/- (Rupees One Lakh Seventy Eight Thousand Five Hundred and Ninety only)**

Assistant Engineer (E)  
Hindan Electrical Sub Division,  
CPWD, Hindan, Ghaziabad

## ई-निविदा आमन्त्रण सूचना

सहायक अभियन्ता (वै0), हि.वै.उ.मं, के.लो.नि.वि., हिन्दन हवाई अड्डा, गाजियाबाद-201004 द्वारा भारत के राष्ट्रपति की ओर से निम्नलिखित कार्य के लिए ऑनलाईन दर प्रतिशत निविदा from approved and eligible CPWD Building & Roads Category Contractor in single bid system for the following work(s) से आमन्त्रित की जाती हैं।

नि.आ.सू.स0. 67/AE(E)/Hindan/GED/2026-27

कार्य का नाम: Replacement of Wiring at Affwa Complex at AF Stn Hindan.

अनुमानित लागत: रू0. 1,78,590/-

धरोहर राशि: रू. 3,572/-

समापन की अवधि: 03 Months

निविदा भरने की अन्तिम तिथि एवं समय: 14/07/2026 को 15:00 बजे तक।

निविदा खुलने की तिथि एवं समय: 14/07/2026 को 15:30 बजे तक।

Tender forms and other details can be obtained from the website <http://etender.cpwd.gov.in>

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23(NIT)/स0अभि0(वै0)/हिण्डन/2026-27/

दिनांक:

प्रतिलिपि:

1. कार्यपालक अभियन्ता(वै0), गाजियाबाद वैद्युत मंडल, केलोनिवि, हिण्डन, गाजियाबाद
2. सूचना पट, हि.वै.उ.मं, के.लो.नि.वि., हिन्दन गाजियाबाद।
3. निविदा आमन्त्रण सूचना।
4. <http://etender.cpwd.gov.in>

सहायक अभियन्ता (वै0)

**INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR E-  
TENDERING FORMING PART OF BID DOCUMENT  
(Applicable for inviting open bids)**

Assistant Engineer (E), Hindan Electrical Sub Division, CPWD, Hindan Air Force Station, Ghaziabad, (9818269865) on behalf of the President of India, invites online percentage rate e-tenders from approved and eligible CPWD Building & Roads Category Contractor in single bid system for the following work(s)

S. No.	NIT NO.	Name of work & Location	Estimated cost put to tender	Earnest Money	Stipulated Period of Completion of work	Last date of online Submission of bid, copy of receipt of deposition of original EMD, and other documents as specified in the bid document.	date & Time of opening of bid.
1	2	3	4	5	6	7	8
1-	67/AE(E)/Hindan/GED/2026-27	Replacement of Wiring at Affwa Complex at AF Stn Hindan.	Rs. 1,78,590/-	Rs. 3,572/-	03 (Three) Months	Upto 15:00 PM on <b>14.07.2026</b>	AT 15:30 PM on or after <b>14.07.2026</b>

- The intending bidder must read the terms and conditions of **CPWD-6** carefully. He should only submit his tender 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 tender 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 <https://etender.cpwd.gov.in> or [www.cpwd.gov.in](http://www.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 Banker's Cheque or Fixed Deposit Receipts or / and Bank Guarantee (for balance amount as prescribed) from any Commercial Bank towards EMD in favour of the **Executive Engineer (E), Hindan Central Electrical Division, CPWD, AFS Hindan, Ghaziabad**, 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 the 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>.**
7. On opening date, the contractor can login and see the tender opening process. After opening of tenders, he will receive the competitor tender 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 the 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 the bidder has not possessed valid electrical license of appropriate voltage to execute electrical work, then in such a case the bidder shall scan and upload following under taking 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 with contractor registered in Buildings & Roads Category in appropriate class in CPWD for execution of the above said work possessing Valid Electrical License of appropriate issued by competent authority”**

**11. List of documents to be scanned and uploaded within the period of bid submission.**

- i. Account Payee Demand Draft of a Commercial Bank or Banker's Cheque of a Commercial Bank or Fixed Deposit Receipts (FDR) of a Commercial Bank or Insurance Surety Bonds or / and Bank Guarantee (for balance amount as prescribed) from a Commercial Bank against EMD.
- ii. Copy of receipt for deposition of Original EMD to division office of any Executive Engineer, CPWD.
- iii. Enlistment order of contractor in CPWD of appropriate class.
- iv. Valid electrical contractor's License/ **Undertaking** as per para 10 above.
- v. Certificate of ERP training issued through LMS, CPWD.

**Note:-**

**In case of non-enlisted contractor being first lowest in 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.**

- vi. 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 along with bid documents.

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

Assistant Engineer (E)  
Hindan Electrical Sub Division,  
CPWD, Hindan, Ghaziabad

**GOVERNMENT OF INDIA  
CENTRAL PUBLIC WORKS DEPARTMENT  
NOTICE INVITING TENDER  
CPWD-6 for e-Tendering**

- 1- Percentage rate bids are invited on behalf of President of India invites notice online e-tenders from approved and eligible CPWD Building & Roads Category Contractor in single bid system for the following work(s)

**Replacement of Wiring at Affwa Complex at AF Stn Hindan.**

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 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.

- 1.1 The work is estimated to cost **Rs. 1,78,590/-**. This estimate, however, is given merely as a rough guide.
- 1.2 Intending bidders is eligible to submit the bid provided he has definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority, of having satisfactorily completed similar works of magnitude specified below:-
2. Agreement shall be drawn with the successful bidders on prescribed Form No. CPWD 7 (or other Standard Form as mentioned) which is available as a Govt. of India Publication and also available on website <http://etender.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 **03 (Three) 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 <http://etender.cpwd.gov.in>
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. When bids are invited in three stage system and if it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted then the bid submitted earlier shall become invalid.

9. Insurance Surety Bonds/Account Payee Demand Draft/ Fixed Deposit Receipt/Banker's Cheque Bank Guarantee of any Commercial Bank against **EMD (drawn in favour of Executive Engineer (E), HCED, CPWD, HAF, HINDAN, GHAZIABAD)** shall be scanned and uploaded to the e-Tendering website within the period of bid submission. The original EMD should be deposited either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, 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 scheduled bank having validity for six months or more from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders.

Copy of Enlistment Order and certificate of work experience and other documents shall be scanned and uploaded to the e- Tendering website within the period of bid submission. Online bid documents submitted by intending bidders shall be opened only of those bidders, whose original EMD deposited with any division of CPWD and other documents scanned and uploaded are found in order.

9A The contractors registered prior to 01.04.2015 on e-tendering portal of CPWD shall have to deposit tender processing fee at existing rates, or they have option to switch over to the new registration system without tender processing fee any time.

The bid submitted shall be opened at **15:30 PM** on **14.07.2026**

10. 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.
- (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.

The contractor whose bid is accepted will be required to furnish performance guarantee as specified in Schedule 'E' within the period as mentioned specified in Schedule 'F'. This guarantee shall be in the form of earnest money Deposit at Call receipt of any scheduled bank/Banker's cheque of any scheduled Account Payee, Demand Draft of any scheduled bank/ Insurance Surety Bonds of any Scheduled Bank (in case guarantee amount is less than Rs. 1,00,000/-) or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F', including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor. The earnest money deposited alongwith 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 sub contractors, if any engaged by the contractor for the said work within the period specified in Schedule F.

1. The description of the work is as follows:

#### **Replacement of Wiring at Affwa Complex at AF Stn Hindan.**

Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub- soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidders shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidders implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.

- 13- 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.
14. 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 Urban Development. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.

17. 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.
18. The bid for the works shall remain open for acceptance for a period of **thirty (30) days** from the date of opening of bids (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.** Further the bidders shall not be allowed to participate in the rebidding process of the work
19. This notice inviting Bid shall form a part of the contract document. The successful bidders/contractor, on acceptance of his bid by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of:-
  - (a) The Notice Inviting Bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.
  - (b) Standard C.P.W.D. Form 7/8 or other Standard C.P.W.D. Form as applicable.

**INFORMATION AND INSTRUCTIONS FOR TENDER INVITING AUTHORITY FOR E-TENDERING**

1. The Engineer-in-Charge/DDH of any divisions/projects of CPWD or any other officer designated by CPWD Directorate from time to time, are authorized to receive the EMDs. These authorities should receive the original EMD for their tenders or tenders of any other division/projects.
2. The NIT approving authority/ Tender inviting authority at the time of issue of NIT shall also fill and upload the following prescribed format of receipt of deposition of original EMD along with NIT:-

**\*Name of work:- Replacement of Wiring at Affwa Complex at AF Stn Hindan.**

1.	*NIT No	<b>67/AE(E)/Hindan/GED/2026-27</b>
2.	*Estimated cost	<b>Rs. 1,78,590/-</b>
3.	*Amount of Earnest Money Deposit	<b>Rs. 3,572/-</b>
4.	*Last date of submission of bid	<b>14.07.2026</b>

*(\*To be filled by NIT approving authority/EE at the time of issue of NIT and uploaded alongwith NIT)*  
**Receipt of deposition of original EMD**

(Receipt No.....date .....)

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/AAO/AE(P)] alongwith Office stamp

(#To be filled by EMD receiving EE)

3. The Authority receiving EMD in original form examines the EMD deposited by the bidder and issues receipt of deposition of earnest money to the agency in a given format uploaded by tender inviting authority. The receipt can also be issued by any subordinate gazette authority as authorized by the Engineer-in-Charge/DDH.
4. The authority receiving original EMD also intimates tender inviting authority about deposition of EMD by the agency by email/fax/telephonically.
5. The original EMD receiving authority releases the EMD to unsuccessful bidders after the expiry of stipulated bid validity period or immediately after acceptance of the successful bidder, whichever is earlier, after verification from the e-tendering portal website (<https://etender.cpwd.gov.in>> tender free view > advance search> awarded tenders) that the particular contractor is not L-1 tenderer and work is awarded.
6. The tender inviting authority calls for original EMD of the L-1 tenderer from EMD receiving authority immediately.

**Note:- Receipt of EMD issued by Sub- Division will not be accepted.**

Account Payee Demand Draft of a Commercial Bank or Banker's Cheque of a Commercial Bank or Fixed Deposit Receipts (FDR) of a Commercial Bank or Insurance Surety Bonds or / and Bank Guarantee (for balance amount as prescribed) from a Commercial Bank against **EMD in favour of Executive Engineer (E), HCED, CPWD, HAF, HINDAN, GHAZIABAD.**

Assistant Engineer (E)  
Hindan Electrical Sub Division,  
CPWD, Hindan, Ghaziabad

**GOVERNMENT OF INDIA  
CENTRAL PUBLIC WORKS DEPARTMENT**

**Percentage Rate Tender & Contract for Works**

(A) Tender for the work of:-

**Replacement of Wiring at Affwa Complex at AF Stn Hindan.**

- (i) To be submitted on-line by **15:00 P.M.** Hours on **14.07.2026** to **Assistant Engineer (E), HESD, CPWD, HAF, Hindan, Ghaziabad**
- (ii) To be opened on-line in presence of tenderers who may be present at **15:30 P.M** hours on **14.07.2026** in the office of **Assistant Engineer (E), HESD, CPWD, HAF, Hindan, Ghaziabad**

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, Conditions of Contract, 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 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 respect with the specifications, designs, drawing and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the Conditions of contract 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 financial bid and not to make any modification in its terms and conditions.

A sum of Rs. **3,572/-** is hereby forwarded in cash ..... 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 performance guarantee absolutely. The said Performance Guarantee shall be a guarantee to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form. Further, I/We agree that in case of forfeiture of 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:

#### 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 Rs. .... (Rupees

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****SCHEDULE 'A'**

Schedule of quantities- Enclosed in Page No: 28

**SCHEDULE 'D'**

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

**SCHEDULE 'E'**

Reference to General Conditions of contract: - **General Conditions of Contract 2023 for Maintenance works for CPWD works (amended with amendments issued up to last date of submission of tender).**

Name of work:	<b>Replacement of Wiring at Affwa Complex at AF Stn Hindan.</b>
Estimated cost of work:-	<b>Rs. 1,78,590/-</b>
(i) Earnest money:-	<b>Rs. 3,572/-</b>
(ii) Performance Guarantee:-	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.
(iii) Security deposit :-	2.5% of tendered value

**SCHEDULE 'F'**

General Rules & Directions: -

Officer inviting tender:

**Assistant Engineer (E), HESD, CPWD,  
Hindan, Ghaziabad.**

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 Clause – 12 below**

**Definitions:**

2 (v)	Engineer-in-Charge	<b>Assistant Engineer (E), HESD, CPWD, Hindan, Ghaziabad</b>
2 (viii)	Accepting Authority	<b>As per delegation of financial power</b>
2 (x)	Percentage on cost of materials and labour to cover all overheads and profits.	<b>15%</b>
2 (xi)	Standard schedule of Rates	<b>DSR (E&amp;M) 2025 and Market Rates</b>
2 (xii)	Department	<b>C.P.W.D.</b>
9 (ii)	Standard CPWD contract form	<b>General Conditions of Contract 2023 for Maintenance works for CPWD works (amended with amendments issued up to last date of submission of tender).</b>

**Clause 1**

i) (i)	Time allowed for submission of Performance Guarantee from the date of issue of letter of acceptance.	<b>7 Days</b>
ii) (ii)	Maximum allowable extension with late fee @ 0.1% per day of performance guarantee amount beyond the period provided in (i) above	<b>3 Days</b>

**Clause 2**

Authority for fixing compensation under clause 2	<b>Chief Engineer (GZB), CPWD, Hapur Chungi, Ghaziabad</b>
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**Clause 2A**

Whether Clause 2A shall be applicable	<b>Yes</b>
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**Clause 5**

Number of days from the date of issue of letter of acceptance for reckoning date of start	<b>10 (Ten) Days</b>
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**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.

**Final Bill**

**Clause 7A**

Whether Clause 7A shall be applicable

- (a) No running Account bill/Final 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.
- (b) The following documents shall also be part of the bill submitted by the contractor (these documents shall be owned by the contractor) before making payment:-
  1. Details of person employed with date of their employment up to previous month.
  2. Documents of payment made to the employees directly into their bank account up to previous month.
  3. Documents of attendance through biometric attendance or other mode up to previous month.
  4. Documents of deposition of EPF and ESI deductions in the employee's accounts up to previous month.
  5. Any penalty imposed on the agency for delay in disbursing payment and deposition of EPF and ESI deductions in the employee's accounts up to previous month.
  6. Any other documents(s) required as per statutory requirement and/or as directed by Engineer-in-charge.

**N/A**

In case, any of the documents submitted by the contractor is found false/forged at a later date, action for debarment of contractor will be taken by the SE/CE concerned.

**Clause 8**

Competent Authority to inspect & issue completion Certificate requirement and/or as directed by Engineer-in-charge.

Assistant Engineer (E), HESD, CPWD, Hindan, Ghaziabad

**Clause 10A**

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

As per scope of work & requirement of work.

Equipment required for field test as per specification for the item under execution as per agreement

**Clause 10 B (ii)**

As per Requirement at site

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

Whether clause 10-B(ii) shall be applicable

**Clause 10 C**

N/A

Component of labour as expressed of value of work

20%

**Clause 11**

Specifications to be followed for execution of work

CPWD General Specifications for Electrical Works Part-I Internal 2023, amended upto date

**Clause 12**

**The completion cost shall, in no case, exceed 1.5 times the contract amount.**

**Work executed beyond above limit will neither be recorded nor be paid.**

**The contractor will not have any claim(s) whatsoever on this account.**

**Clause 16**

Competent Authority for deciding reduced rates.

**Chief Engineer (GZB), CPWD, Hapur Chungi, Ghaziabad**

**Clause 18**

List of mandatory machinery, tools & plants to be deployed by the contractor at site.

As per requirement of work

Clause 19 C..... authority to decide penalty for each default **Engineer- in-charge.**

Clause 19 D..... authority to decide penalty for each default **Engineer- in-charge.**

Clause 19 G ..... authority to decide penalty for each default **Engineer- in-charge.**

Clause 19 K ..... authority to decide penalty for each default **Engineer- in-charge.**

**Clause 25**

(i)	<b>Conciliator:</b>	<b>ADG(RL), CPWD or his successor thereof.</b>
(ii)	<b>Arbitrator appointing authority:</b>	<b>Chief Engineer (GZB), CPWD, Hapur Chungi, Ghaziabad</b>

### Clause 32

#### “Requirement of Technical Representative (s) and Recovery Rates”

Sl. No.	Requirement of Technical		Minimum Experience (Years)	Designation Technical Staff	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 36 (i)	
	Qualification	Number of Major + Minor component			Figures (in Rs.)	Words
1						
NIL						

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 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.

**Note:- Contractor shall provide documentary proof of employment and payment with each bill to the Engineer for this work under this clause otherwise suitable recovery shall be made by the Engineer-in-charge..**

### Clause 38

- (i) (a) Schedule/statement for determining theoretical quantity of cement & bitumen on the basis of **DSR (E&M) - 2025** printed by CPWD with upto date correction slips till last date of submission of tender.
- (ii) Variations permissible on theoretical quantities:
- a) Cement
- (i) For works with estimated cost put to tender not more than Rs. 25 lakhs 3% plus/minus
- (ii) For works with estimated cost put to tender more than Rs 25 lakh 2% plus/minus
- b) Bitumen for all works. 2.5% on plus side only & nil on minus side
- c) Steel Reinforcement and structural steel sections for each diameter, section and category. 2% plus/minus
- d) All other materials. Nil

**Assistant Engineer (E)**

केन्द्रीय लोक निर्माण विभाग  
कार्यालय ज्ञापन

No. DG/Manual- 2024/14

ISSUED BY THE AUTHORITY OF DIRECTOR GENERAL, CPWD

Nirman Bhawan, New Delhi


Dated: 05.05.2025

Sub: Modifications in para 5.1.7 of CPWD Works Manual 2024- regarding Forfeiture of Earnest Money.


Following modifications are made in para 5.1.7 of CPWD Works Manual 2024:

Existing Provision	Modified Provision
<p><b>5.1.7 Forfeiture of Earnest Money</b></p> <p>(1) (i) If any tenderer withdraws his tender or makes any modification in the terms &amp; conditions of the tender which is not acceptable to the department within 7 days after last date of submission of bids, ..... of letter of acceptance for the work is issued or not.</p> <p>(ii) If any tenderer withdraws his tender or makes any modification in the terms &amp; conditions of the tender which is not acceptable to the department after expiry of 7 days after last date of submission of bids, .....of acceptance for the work is issued or not.</p> <p>(iii) No Provision</p>	<p><b>5.1.7 Forfeiture of Earnest Money</b></p> <p>(1)(i) If any tenderer withdraws his tender within 7 days after last date <b>and time (24 hours basis)</b> of submission of bids, ..... of letter of acceptance for the work is issued or not.</p> <p>(ii) If any tenderer withdraws his tender after expiry of 7 days after last date <b>and time (24 hours basis)</b> of submission of bids, ..... of acceptance for the work is issued or not.</p> <p>(iii) <b>Withdrawal of the tender, by the tenderer, shall only be made through e-tender portal. Any other method i.e. through letter / e-mail etc. shall not be considered. The tender inviting authority gets intimation through SMS and email in this regard.</b></p>

This issues with the approval of DG CPWD.

  
(अनिल कुमार गुप्ता)  
अधीक्षण अभियंता (सी.एंड एम.)

Issued from file No. CSQ/CM/16(1)/2025 e-file- 9179524 (DFA/9325430)  
केलोनवि तथा लोनवि दिल्ली के सभी अधिकारियों को आवश्यक सूचना एवं कार्यवाही हेतु। (केलोनवि वेबसाईट के माध्यम से)

  
R K SINGH  
EE(Manual)

केन्द्रीय लोक निर्माण विभाग  
कार्यालय ज्ञापन

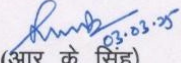
**No. DG/CON/ Maintenance 2023/15**  
**ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD**

**NIRMAN BHAWAN, NEW DELHI** Dated: 03.03.2025  
**Subject: Modifications in Clause 14 of GCC 2023 for Maintenance Works.**

The following amendments are made in the Clause 14 of GCC 2023 for Maintenance Works:

Existing provision	Modified provision
<p><b>Clause 14 Carrying out part work at risk &amp; cost of contractor</b></p> <p>If contractor:</p> <p>(iii) The Engineer- in-Charge without invoking action under clause 3 may, without prejudice to any other right or remedy against the contractor which have either accrued or accrue thereafter to Government, by a notice in writing to take the part work / part incomplete work of any item(s) out of his hands and shall have powers to :</p> <p>(a) Take possession of the site and any materials, constructional plant, implements, stores, etc., thereon; and/or</p> <p>(b) Carry out the part work / part incomplete work of any item(s) by any means at the risk and cost of the contractor.</p>	<p><b>Clause 14 Carrying out part work at risk &amp; cost of contractor</b></p> <p>If contractor:</p> <p>(iii) The Engineer- in-Charge without invoking action under clause 3 may, without prejudice to any other right or remedy against the contractor which have either accrued or accrue thereafter to Government, by a notice in writing to take the part work / part incomplete work of any item(s) out of his hands and shall have powers to :</p> <p>(a) Take possession of the site and any materials, constructional plant, implements, stores, etc., thereon; and/or</p> <p>(b) Carry out the part work / part incomplete work of any item(s) by any means at the risk and cost of the contractor. <b>The contractor, from whom a part work / part incomplete work of any item(s), has been taken out of his hands, shall not be allowed to participate in the tendering/quotation process of part work / part incomplete work of any item(s).</b></p>

This issues with the approval of DG, CPWD.

  
(आर. के. सिंह)  
कार्यपालक अभियन्ता (एम.)

**Issued from file No. CSQ/CM/17(1)/2023/ Maintenance e-file-9184028 (DFA/9319526)**  
केलोनवि तथा लोनवि दिल्ली के सभी अधिकारियों को आवश्यक सूचना एवं कार्यवाही हेतु।  
(केलोनवि वेबसाईट के माध्यम से)

R K SINGH  
EE(Manual)

On non-judicial stamp paper of minimum Rs. 100

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

**Form of Bank Guarantee for Earnest Money Deposit /Performance  
Guarantee/ Security Deposit**

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

**OR\*\***

Whereas the Executive Engineer .....(name of division)....., CPWD on behalf of the President of India (hereinafter called “The Government”) has entered into an agreement bearing number ..... with .....(name and address of the contractor) .....(hereinafter called “the Contractor”) for execution of work ..... (name of work) ..... The Government has further agreed to accept an irrevocable Bank Guarantee for Rs. .... (Rupees ..... only) valid upto ..... (date) .....as Performance Guarantee/Security Deposite/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 here by undertake to pay the amount due and payable under this guarantee without any demur, merely on a demand from the Government stating that the amount claimed is required to meet the recoveries due to likely to be due from the said Contractor. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. ....(Rupees ..... only)

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

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

Contractor 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 as its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor at the first instance without proceeding against the Contractor and not withstanding any security or other guarantee the Government may have in relation to the Contractor's liabilities.

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

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

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

Date .....

Witnesses:

Signature .....  
Name and address

Authorized signatory

Name

Designation

Staff code no

Bank seal

Signature .....  
Name and address

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

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

## **TERMS & CONDITIONS**

1. The work shall be carried out strictly in accordance with CPWD General Specifications for Internal electrical work – 2023 (Internal) as amended upto date and in accordance with the Indian electricity Rules 1956 and Indian Electricity act 1910 as amended upto date and as per instruction of the Engineer-in-charge.
2. All material shall be got approved from Engineer-in-Charge before use.
3. As the work is to be executed in highly secured area hence contractor must insure the labour losses before quoting the rates, No excuse will be entertained regarding labour losses during execution.
4. All damages done to the building during execution of Electrical work shall be the responsibility of the contractor and the same will be made good immediately at his own cost to the satisfaction of the Engineer-in-Charge. Any expenditure incurred by the department in this condition shall be recovered from the contractor and decision of the Engineer-in-Charge about recovery shall be final.
5. All the hardware items such as screws, ‘thimbles’, G.I. wires etc which are essentially required for completing an item as per specifications will be deemed to be included in the item even when the same have not been specifically mentioned. All hardware materials such as nuts/bolts/screws/washers etc., to be used in the work shall be zinc/cadmium plated iron.
6. The work shall be carried out in engineering like manner. The bad workmanship will not be accepted and defects shall be rectified at contractor’s cost of the satisfaction of the Engineer-in-charge. The programme of electrical works are to be co-ordinate in accordance with the building work and no claim for idle labour will stipulated in the tender, electrical work shall have to be completed along with completion of civil work.
7. All the debris of the electrical works should be removed and the site should be cleared by the contractor immediately after the accruing of debris. Similarly any rejected material should be immediately cleared off from the site by the contractor.
8. The contractor or his representative is bound to sign the site order book as and when required by the Engineer-in-charge and to comply with the remarks therein.
9. The entire installation shall be at the risk and responsibility of the contractor until these are tested and handed over to the department. However if there is any delay in construction from the department side, the installation may be taken over in parts, but the decision on the same shall rest with Engineer-in- charge which shall be a binding on the contractor.
10. **Compliance with Regulations and Indian Standards:**
  - a) All works shall be carried out in accordance with relevant regulation, both statutory and those specified by the Indian Standards related to the works covered by this specification in particular, the equipment and installation will comply with the following:
    - i) Factories Act.
    - ii) Indian Electricity Rules.
    - iii) I.S. & BS Standards as applicable.
    - iv) Workmen’s compensation Act.
    - v) Statutory norms prescribed by local bodies etc
11. Contractor is advised to visit site before quoting rates for determining site conditions. No claim or argument shall be entertained in this regard at later stage.

12. **Rates**

- 12.1 The work shall be treated as on works contract basis and the rates tendered shall be for complete items of work (except the materials, if any, stipulated for supply by the department) inclusive of all taxes, GST (including works contract tax, if any), 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 (including those, if any, supplied by the department) for the work at site etc.
- 12.2 Prices quoted shall be firm. Price adjustments shall however be governed by Clause 10C/ 10CC of the Conditions of Contract given in form CPWD 7 or 8 of the tender documents, for works executed under these forms. All relevant documents shall be produced by the contractor to the Engineer-in-charge, whenever called upon by him to do so, for working out such adjustments in rates.

13. **Taxes and Duties**

- 13.1 Being an indivisible, works contract GST or any other taxes or duties etc. are not payable separately.
- 13.2 The GST/works contract tax shall be deducted from the bills of the contractor as applicable in the State in which the work is carried out, at the time of payments.

14. **Mobilization Advance**

- 14.1 No mobilization advance shall be paid for the work, unless otherwise stipulated in tender papers for any individual work.

15. **Completeness of Tender**

- 15.1 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, irrespective of the fact whether such items are specifically mentioned in the tender documents or not.

16. **Works to be Arranged by the Department**

Unless and otherwise specified in the tender documents, the following works shall be arranged by the Department:

- 16.1 Storage space for all equipment, components and materials for the work.
- 16.2 Supply of materials to the contractor, if any, stipulated in the tender documents.

17. **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: -

- 17.1 Foundations for equipment and components where required, including foundation bolts.
- 17.2 Cutting and making good all damages caused during installation and restoring the same to their original finish.
- 17.3 Sealing of all floor openings provided by him for pipes and cables, from fire safety point of view, after laying of the same.
- 17.4 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.
- 17.5 Testing and commissioning of complete installation.
- 17.6 The openings/sleeves for the cables, Conduits, Pipes, ducts, rising mains etc. shall be marked in the drawing and provided during construction. No core cutting / openings in walls shall be allowed once the slab is cast or wall is constructed.

- 18 **Storage and Custody of Materials**
- 18.1 Unless otherwise specified, Suitable space for storage shall be provided by the Department free of cost to the contractor but the required arrangement/set up for storage of materials in the spared space including locking arrangement shall be provided by the agency. Also, the watch and ward of the stores and their safe custody shall be the responsibility of the contractor till the final taking over of the installation by the Department.
19. **Tools for Handling and Erection**
- 19.1 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.
- 20 **Payment Terms**
- 20.1 Unless otherwise specified in the additional conditions of the contract, the payment shall be made as per the relevant clauses of GCC and form PWD 7/8 forming a part of the tender documents.
- 20.2 Security deposit shall be deducted in such form and as per provisions contained in CPWD form 7/8 as amended from time to time. The earnest money deposit shall be adjusted against this security deposit. The security deposit shall be released on the expiry of guarantee/ maintenance period stipulated in the contract.  
Original copies of supplier's GST invoice showing contract number, goods description, quantity, packing list, unit price and total amount, dispatch detail, test done at factory etc. have to be submitted by agency for ascertaining the genuinity of material source and supply.
- 20.3 The following percentage of contract rates shall be payable against the stages of work shown herein for E &M services including in the tender.
- a) Final Bill shall be paid.
21. 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 the work. Recessed conduit and other works, which directly affect the progress of building work, should be given priority.
22. **Care of Buildings**
- 22.1 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 cost all unwanted and waste materials arising out of his work from the site.
23. Structural Alterations to Buildings
- 23.1 No structural member in the building shall be damaged/altered, without prior approval from the competent authority through the Engineer-in-charge.
- 23.2 Structural provisions like openings, cut-outs, if any, provided by the department for the work, shall be used. Where these require modifications, or where fresh provisions are required to be made, such contingent works shall be carried out by the contractor at his cost.
- 23.3 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.
- 23.4 All chases required in connection with the electrical works shall be provided and filled by the contractor at his own cost to the original architectural finish of the buildings.
24. **Addition to an Installation**
- 24.1 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.

25. **Work in Occupied Buildings**

- 25.1 When work is executed in occupied buildings, there would be minimum of inconvenience to the occupants. The work shall be programmed in consultation with the Engineer-in-charge and the occupying department. If so required, the work may have to be done even before and after office hours.
- 25.2 The contractor shall be responsible to abide by the regulations or restrictions set in regard to entry into, and movement within the premises.
- 25.3 The contractor shall not tamper with any of the existing installations including their switching operations or connections thereto without specific approval from the Engineer-in-charge.

26. **Submission of drawings and compliance sheet**

- 26.1 The contractor shall submit the drawings and compliance sheet to the Engineer-in-charge for approval before start of work.

27. **SUBMISSION OF PROGRAMME**

- 27.1 As per the time stipulated in the NIT from the date of receipt of the letter of acceptance, the successful tender shall submit a program indicating submission of drawings, supply of equipment, installation, testing, commissioning and handing over of the installation to the Engineer-in-Charge. This program shall be framed keeping in view the milestones stipulated in the contract, wherein building progress shall be given priority. In case of EPC contract, in which Internal EI is one of the works, the complete program for the project will include this work also with detailing, to achieve the overall completion as per the target set for the project, as stipulated in the NIT.

28. **Quality of Materials**

- 28.1 All materials and equipment supplied by the contractor shall be new. 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.  
None of the material/ items/ equipment etc supplied shall be more than six months old from date of supply at site. Copy of GST Gate Pass/ Invoice/ Shipment / Custom Clearance certificate/ details (in case of imported equipment) shall be submitted to prove the date of manufacture & genuineness of the equipment/ machines supplied.

29. **Testing**

- 29.1 All tests prescribed in these General Specifications, 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

30. **Commissioning on Completion**

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

31. **WARRANTY**

- 31.1 All the material shall have warranty of 01 year after successful completion of work.

**ASSISTANT ENGINEER (E)**

## **ACCEPTABLE MAKES OF MATERIAL**

1.	XLPE Insulated, PVC Sheathed Aluminium conductor UG armoured cable	Havells / Polycab / Finolex /RR Kabel/Grandlay/ KEI/ Plaza
2.	MCCB / MCCB enclosure	Legrand / Seimens/ LK / Schneider / ABB /Havells
3.	Sollar Bollard light	Havells / Philips / Twinkle / Lustre
4.	Brass compression gland	Commet / Gripwell / Hensel / Dowells
5.	LT cable end termination	Raychem / 3M / M-Seal/ Denson
6.	Any other material	With prior approval of Engineer-in-Charge

### **NOTES:-**

1. In respect of materials for which approved makes are not specified above, then proposed makes shall be decided by the Engineer-in-Charge and as per sample approved before procurement & Installation.
2. The contractor shall submit samples of all materials, 07 Days before procurement for approval and shall procure directly from the manufacturer or their authorized distributor only.

**ASSISTANT ENGINEER (E)**

**CENTRAL PUBLIC WORKS DEPARTMENT****NIT No. 67/AE(E)/Hindan/GED/2026-27****Name of Work:** Replacement of Wiring at Affwa Complex at AF Stn Hindan.**SCHEDULE OF QUANTITY**

Name of the Agency						
S.No	Description of Items	Qty	Unit	Quoted rates are negative or positive	Rate in Figures in Rupees	Amount
1	Supplying of XLPE insulated, PVC outer sheathed, armoured with stranded aluminium conductor suitable for rated voltage of 1.1 KV grade ISI marked confirming to relevant IS codes as amendment up to date of following size as required.					
a)	3½ X 50 sq. mm	100	Mtrs	Normal Item	728.00	72800.00
2	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, Ics=100% Icu and Operational Voltage 690V etc. as required.					
a)	125 A, 36 KA, FP MCCB	2	No.	Normal Item	8644.00	17288.00
3	Supplying and making end termination with brass compression gland and aluminum lugs for following size of PVC insulated and PVC sheathed / XLPE aluminum conductor cable of 1.1 KV grade as required.					
a)	3½ X 50 sq. mm (35mm)	4	Nos.	Normal Item	484.00	1936.00
4	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required.					
a)	Above 35 sq. mm and upto 95 sq. mm clamped with 25x3mm MS flat clamp)	90	Mtrs	Normal Item	151.00	13590.00
5	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing masonry open duct as required.					
a)	Above 35 sq. mm and upto 95 sq. mm	10	Mtrs	Normal Item	58.00	580.00
6	Supplying and fixing of MCCB enclosure capable to house 125 A FP MCCB IK 08, IP 30 with inbuilt neutral link complete as required.	2	Nos.	Normal Item	2038.00	4076.00
7	SITC of monocrystalline silicon solar bollard of height 600 mm approx, CCT 4000 K, 1000 lumens, glare free light, PIR motion sensor, multiple light modes, IP 54, built-in-lithium ion 3.7V 2000mAh rechargeable battery complete as required.	20	Nos.	Normal Item	3416.00	68320.00
	<b>Total</b>					<b>178590.00</b>

**ASSISTANT ENGINEER (E)**