

GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT

O/o Assistant Engineer (Elect.), Hamirpur Central Elect. Sub-Division, C.P.W.D., Shimla

Notice Inviting Tender

NIT NO. :- 78/EE(E)/ShCED/CPWD/2026-27/SD-Hmr

NAME OF WORK: Chargeable to contingencies of various works at AIIMS Bilaspur H.P.
(Construction of CPWD Sub-Div office at AIIMS Bilaspur (H.P.))

ESTIMATED COST: Rs. 5,69,536/-

EARNEST MONEY: Rs. 11,391/-

TIME ALLOWED: 04 Months

Certified that this NIT contains **1 to 36** pages

NIT Approved for Rs. 5,69,536/-

Assistant Engineer (Elect.)
Hamirpur Electrical Sub- Division
CPWD, Hamirpur – 177005

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

The Assistant Engineer (E), Hamirpur Central Elect. Sub-Division, CPWD, Shimla (H.P.) [(Ph : 0177-2655193) (Email : cpwd_e_sml@yahoo.com) on behalf of The President of India invites online Percentage Rate tenders from approved and eligible contractors in Composite Category in appropriate class of C.P.W.D. for the following work (s):

S. No.	NIT No.	Name of work & Location	Estimated cost put to tender	Earnest Money	Period of Completion	Last date & time of submission of Bid, original EMD, Copy of receipt for deposition of original EMD, and other documents as specified.	Time & date of opening of bid
1	2	3	4	5	6	7	8
1	78/EE(E)/ShCED/CPWD/2026-27/SD-Hmr	Chargeable to contingencies of various works at AIIMS Bilaspur H.P. (Construction of CPWD Sub-Div office at AIIMS Bilaspur (H.P.))	Rs. 5,69,536/-	Rs. 11,391 /-	04 Months	28/08/2026 upto 03.00 PM	28/08/2026 at 03.30 PM

- 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 <https://etender.cpwd.gov.in> or 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 including e-Bank Guarantee (for balance amount as prescribed) from any of the Commercial Bank towards EMD in favour of Executive Engineer as mentioned in NIT, receipt for deposition of original EMD to division office of any Executive Engineer (including NIT issuing EE/ AE), CPWD and other documents as specified.

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 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 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.

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

- I. Insurance Surety Bond/ Demand Draft/ Account Payee Banker's Cheque / FDR/ Bank Guarantee of any commercial Bank against EMD.
- II. Copy of receipt of deposition of original EMD issued from division office of any Executive Engineer, CPWD (including NIT issuing EE)
- III. Enlistment order of the CPWD contractors in appropriate class in composite category.
- IV. GST Registration Certificate if already obtained by the bidder.
If the bidder has not obtained GST registration as applicable, then he shall scan and upload following under taking along with bid documents.
"If work is awarded to me, I/we shall obtain GST registration certificate, as applicable, within one month from the date of receipt of award letter or before release of any payment by CPWD, whichever is earlier, failing which I/we shall be responsible for any delay in payments which will be due towards me/us on account of the work executed and/or for any action taken by CPWD or GST department in this regard".
- V. Valid Electrical contractor licence OR undertaking that they will either obtain valid electrical licence at the time of execution of electrical work or associate contractor having valid electrical licence of appropriate class.
- VI. The bidder does upload compulsory ERP training certificate from any CPWD Regional Training Institute (RTIs) and 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. Attach - ERP training workshop certificate.
- VII. Any other document as specified in the NIT.

Assistant Engineer (Elect.)
Hamirpur Electrical Sub- Division
CPWD, Hamirpur – 177005

CPWD-6 FOR e-TENDERING

Online Percentage Rate tenders are invited on behalf of President of India from approved and eligible contractors in Composite Category in appropriate class of C.P.W.D. for the work Chargeable to contingencies of various works at AIIMS Bilaspur H.P. (Construction of CPWD Sub-Div office at AIIMS Bilaspur (H.P.))

1.1 The work is estimated to cost Rs. 5,69,536/-. This estimate, however, is given merely as a rough guide.

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

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

1.2 Intending bidders are eligible to submit the bid provided they have 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:-

~~1.2.1 Conditions for Non-CPWD contractors only, if bids are also open to non-CPWD contractors. For works estimated cost up to Rs. 20 Crore (the figure of Rs. 20 Crore may be modified as per bidding limit of CPWD class I/ Group A contractors of respective discipline such as Electrical, Horticulture and Furniture etc. as the case may be).~~

~~Three similar works each of value not less than Rs. or two similar works each of value not less than Rs. or one similar work of value not less than Rs. (all figures rounded to nearest Rs.10 lac) in last 7 years ending previous day of last date of submission of bids. (Modified vide OM No. DG/MAN/293. Dtd. 31.10.2013).~~

Note :-

~~For works costing above Rs. 5 Crore but up to Rs. 20 Crore, (the figure of Rs. 5 Crore and Rs. 20 Crore may be modified as per bidding limit of CPWD class II/ Group B and CPWD Class I/ Group A contractors respectively of respective discipline such as Electrical, Horticulture and Furniture etc. as the case may be) when bids are open to non-CPWD contractors also, then class II contractors of CPWD shall also be eligible if they satisfy the eligibility criteria specified in 1.2.1 above.~~

~~1.2.2 Criteria of eligibility for CPWD as well as non-CPWD contractors.~~

~~For works estimated to cost above Rs. 20 Crore. (the figure of Rs. 20 Crore may be modified as per bidding limit of CPWD class I/ Group A contractors of respective discipline such as Horticulture and Furniture etc. as the case may be) Three similar works each of value not less than Rs. or two similar works each of value not less than Rs. or one similar work of value not less than Rs. (all figures rounded to nearest Rs.10 lac) in last 7 years~~

~~ending previous day of last date of submission of bids. (Modified vide OM No. DG/CON/294 DT. 03-10-2016).~~

~~The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum, calculated from the date of completion to the last date of submission of bid. This is applicable for 1.2.1 as well 1.2.2. (Modified vide OM No. DG/CON/294 DT. 03-10-2016).~~

To become eligible for issue of bid, the bidders shall have to furnish an affidavit as under:-

I/We undertake and confirm that eligible similar works(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 bidding 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. (Scanned copy to be uploaded at the time of submission of bid)

- 1.2.3 When bids are invited from non CPWD contractors and CPWD class II contractors as per provisions of clause 1.2.1 above, it will be mandatory for non CPWD contractors and CPWD class-II contractors to upload the work experience certificate(s) and the affidavit as per the provisions of clause 1.2.2.

But for such bids, Class-I contractors of CPWD are eligible to submit the bids without submission of work experience certificate and affidavit. Therefore, CPWD class-I contractors shall upload two separate letters for experience certificate and affidavit that these documents are not required to be submitted by them. Uploading of these two letters is mandatory otherwise system will not clear mandatory fields.

2. Agreement shall be drawn with the successful bidder on prescribed Form No. CPWD 8 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 04 **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 tender documents.
4. The site for the work will be made available in parts as per the complaint received.

~~The architectural and structural drawing for the work is available. _____~~

OR

~~The architectural and structural drawings shall be made available in phased manner, as per requirement of the same as per approved programme of completion submitted by the contractor after award of work.~~

5. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents except Standard

General Conditions of Contract Form can be seen from website <https://etender.cpwd.gov.in/> 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. When bids are invited in three stage system and if it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted then the bid submitted earlier shall become invalid.
9. Earnest Money in the form of Treasury Challan or Demand Draft or Pay order or Banker's Cheque or Deposit at Call Receipt or Fixed Deposit Receipt (drawn in favour of Executive Engineer (E), SCED, CPWD, Longwood, Shimla) 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 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.

This receipt shall also be uploaded to the e-tendering website by the intending bidder upto the specified bid submission date and time. (Modified vide OM No. D G/MAN/328. Dtd. 04.01.2016).

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 lakh, whichever is less, shall have to be deposited in shape prescribed above, and balance may be deposited in shape of Bank Guarantee of any schedule 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 other documents as specified in the press notice shall be scanned and uploaded to the e-tendering website within the period of tender submission. However, certified copy of all the scanned and uploaded documents as specified in press notice shall have to be submitted by the lowest bidder only within a week physically in the office of tender opening authority.

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.

The bid submitted shall be opened on 28/08/2026 at 03.30 PM.

10. The bid submitted shall become invalid if:
 - (i) The bidder is found ineligible.
 - (ii) The bidder does not deposit original EMD with division office of any Executive Engineer, CPWD.

- (iii) The bidder does not upload all the documents (including GST Registration) as stipulated in the bid document including the copy of receipt for deposition of original EMD.
- (iv) If any discrepancy is noticed between the document as uploaded at the time of submission of bid and hard copies as submitted physically by the lowest bidder in the office of tender opening authority. (Modified vide OM No. DG/MAN/328 Dtd. 04.01.2016).
- (v) If a tenderer quotes `Nil` rates against each item in Percentage rate tender or does not quote any percentage above/below on the total amount of the tender or any section/ subhead in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.

11. The contractor, whose bid is accepted, will be required to furnish performance guarantee of 5% (Five Percent) of the bid amount within the period specified in Schedule F. This guarantee shall be in the form of cash (in case guarantee amount is less than ` 10000/-) or Deposit at Call receipt of any scheduled bank/Banker's cheque of any scheduled bank/Demand Draft of any scheduled bank/Pay order of any Scheduled Bank 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 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 licences/ registrations or proof of applying for obtaining labour licences, 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 and programme Chart (Time & Progress) within the period specified in Schedule F.

12. The description of the work is as follows :-

Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders 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 tender. A bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidder implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.

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 tenderer shall be summarily rejected.
14. Canvassing whether directly or indirectly, in connection with tenderers 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 in case of single bid system/ ~~Sixty (60) days from the date of opening of technical bids in case bids are invited on 2 or 3 bid/envelope system~~ (strike out as the case may be). If any bidders withdraws his bid before the said period or issue of letter of acceptance, whichever is earlier, or makes any modification in the terms and conditions of the bid which are not acceptable to the department, then the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the bidders shall not be allowed to participate in the rebidding process of the work. (Modified Vide OM No. - DG/CON/293 dated 01.07.2016).
19. This notice inviting Tender shall form a part of the contract document. The successful bidder/contractor, on acceptance of his bid by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of:-

- a) The Notice Inviting Bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the tender 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 8 or other Standard C.P.W.D. Form as applicable.
20. Running payment for the major component shall be made by EE of major discipline to the main contractor. Running payment for minor components shall be made by the Engineer-in-Charge of the discipline of minor component directly to the main contractor. The EMB shall be maintained through ERP independently by Engineer-in-Charge of major and minor components.
21. 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 **0177-2655193**, e-mail ID **cpwd_e_sml@yahoo.com**) 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.

Assistant Engineer (Elect.)
Hamirpur Electrical Sub- Division
CPWD, Hamirpur – 177005

CPWD-7
GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT

STATE : H.P.	CIRCLE SCC	BRANCH E & M
DIVISION ShCED	REGION Chandigarh	SUB-DIVISION -HCESD

Percentage Rate Tender & Contract for Works

Tender for the work of Chargeable to contingencies of various works at AIIMS Bilaspur H.P.
(Construction of CPWD Sub-Div office at AIIMS Bilaspur (H.P.))

- (i) To be submitted by 15:00 hours on 28/08/2026 to Assistant Engineer (E), HCESD, CPWD.
- (ii) To be opened in presence of tenderers who may be present at 15:30 hours on 28/08/2026 in the office of Assistant Engineer (E), HCESD, CPWD.

Issued toNIT.....
Signature of officer issuing the documents:
Designation: Executive Engineer (E)
Date of Issue: 20-08-2026

T E N D E R

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

I/We hereby tender for the execution of the work specified for the President of India within the time specified in Schedule "F", viz., schedule of quantities and in accordance in all respects with the specifications, designs, drawings 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 respects in 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/ ~~Sixty (60) days from the date of opening of technical bids in case bids are invited on 2 or 3 bid/envelope system~~ (strike out as the case may be) and not to make any modification in the terms and conditions.

A sum of **Rs. 11,391/-** is hereby forwarded in cash/receipt treasury challan /deposit at call receipt of a scheduled bank/fixed deposit receipt of scheduled bank/demand draft of a scheduled bank/bank guarantee issued by a scheduled bank as earnest money. 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 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. (Modified vide OM DG/CON/272 dt. 21.8.2013)

Further, I/We agree that in case of forfeiture of Earnest Money or both Earnest Money and 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 therefrom 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 the Contractor

Postal Address -----

Telephone No.-----

Witness:-----

FAX -----

Address:-----

E-MAIL -----

Occupation: -----

ACCEPTANCE

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

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

(a) -----

(b) -----

(c) -----

For & on behalf of the President of India

Signature.....

Dated

Designation.....

SCHEDULES

SCHEDULE 'A'

Schedule of quantities (enclosed)

As per Schedule of work attached.

SCHEDULE 'B'

Schedule of materials to be issued to the contractor:

S.No.	Description of item	Qty.	Rates in figures & words at which the material will be charged to the contractor.	Place of issue
1	2	3	4	5
----- NIL -----				

SCHEDULE 'C'

Tools and plants to be hired to the contractor:

S. No.	Description	Hire charges per day	Place of issue
1	2	3	4
----- NIL -----			

SCHEDULE 'D'

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

SCHEDULE 'E'

Reference to General Conditions of contract	:	Applicable GCC is GCC Maintenance Works 2023 as modified and corrected upto previous day of the last date of submission of the tender.
Name of work	:	Chargeable to contingencies of various works at AIIMS Bilaspur H.P. (Construction of CPWD Sub-Div office at AIIMS Bilaspur (H.P.)).
Estimated cost of work	:	Rs. 5,69,536 /-
(i) Earnest money	:	Rs. 11,391/- (To be returned after receiving performance guarantee)
(ii) Performance Guarantee	:	(a) 5.00% of Estimated cost put to tender (ECPT) or tendered value 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), HCESD, CPWD, NIT Hamirpur.
	:	

Definitions:

2 (v) Engineer-in-Charge	:	Assistant Engineer (E), HCESD, CPWD, NIT Hamirpur
2 (viii) Accepting Authority	:	Assistant Engineer (E), HCESD, CPWD, NIT Hamirpur
2 (x) Percentage on cost of materials and labour to cover all overheads and profits.	:	15 %
2 (xi) Standard schedule of Rates	:	Based on Market Rates/ DSR 2025
2 (xii) Department	:	CPWD
9 (ii) Standard CPWD contract form	:	General Conditions of Contract Maintenance Work 2023, CPWD Form 7 as modified corrected upto previous day of the last date of submission of the tender.

Clause 1

Time allowed for submission of Performance Guarantee, Programme Chart (Time and Progress) and applicable labour license, registration with EPFO, ESIC and BOCW Welfare Board or proof of applying thereof from the date of issue of letter of acceptance.	:	07 days
Maximum allowable extension with late fee 0.1% per day of Performance Guarantee amount beyond the period provided in (i) above.	:	03 days

Clause 2

Authority for fixing compensation under clause – 2	:	Superintending Engineer, SCC, Kennedy Cottage, Shimla
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Clause 2A

Applicable Clause 2/ Clause 2A : Clause 2 (Applicable)

Clause 5

Number of days from the date of issue of letter of acceptance for reckoning date of start : 10 Days

Note:- Levy of compensation under clause-2/2A will be granted by the Superintending Engineer, SCC, Kennedy Cottage, Shimla

MILE STONE (S) AS PER TABLE GIVEN BELOW
Table of Milestone (s)

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

Time allowed for execution of work : **04 Months**

Authority to decide:

1. Authority to convey the decision of shifting of milestone and extension of time.	:	Engineer-in-Charge or Engineer-in-Charge of Major Component in case of composite contracts as the case may be
2. Authority to decide rescheduling of milestone and extension of time	:	Superintending Engineer, SCC, Kennedy Cottage, Shimla
3. Shifting of date of start in case of delay in handing over of site.	:	Superintending Engineer, SCC, Kennedy Cottage, Shimla

Clause 5 :-

Applicable Clause 5/ Clause 5A : 5

Clause 6 :-

Mode of Measurement : Electronic Measurement Book (EMB)/CMB

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.

Clause 7 A:-

Whether Clause 7A shall be applicable. : Yes, applicable

Clause 10A :-

List of testing equipment to be provided by the contractor at site lab. : As per requirement at site & as per direction of Engineer-in-Charge.

Clause 10 – B(ii) :-

Whether clause 10-B(ii) shall be applicable : Not Applicable

Clause 10C –

Component of labour expressed as percent of value of work : Not Applicable
15%

Clause 10CC :-

Clause 10CC to be applicable in contracts with stipulated period of completion exceeding 12 months period. : Not Applicable

Schedule of component of other Materials,
Labour, POL etc. for price escalation.

Component of civil (Except materials covered under clause 10 CA)/ Electrical construction materials expressed as percent of total value of work. Xm	Not Applicable
Component of labour expressed as percent of total value of work. Y	
Component of POL expressed as percent of total value of work. Z	

Clause 11 :-

Specifications to be followed for execution of work

: As per CPWD General Specifications amended up to date and additional terms & conditions attached.

Clause 16 :-

Competent Authority for deciding reduced rates.

Superintending Engineer, Shimla Circle,
CPWD, Kennedy Cottage, Shimla - 04

Clause 18 :-

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

As required for timely execution of work

Clause 19 :-

The contractor shall obtain a valid license under the contract labour (R&A) Act, 1970 ; and the contract labour (Regulation & Abolition) Central Rules, 1971 before the Commencement of the work & continue to have a valid license until the completion of the work provisions of the inter-state Migrant Workman (Regulation of Employment and Condition of Service) Act, 1979.

Clause 19 L:-

The E.S.I. and E.P.F. Contribution on the part of employer in respect of this contract shall be paid by the contractor. These contributions on the part of employer paid by the contractor shall be reimbursed by the Engineer-in-Charge to the contractor on actual basis. The applicable & eligible amount of E.P.F. and E.S.I. shall be reimbursed preferably within 07 days but not later than 30 days of submission of documentary proof of payment provided the same are in order.

Clause 25

- i) Conciliator - Additional Director General, Region Chandigarh
- ii) Arbitrator Appointing Authority- Superintending Engineer, CPWD, Shimla

iii) Place of Arbitration - Chandigarh

Clause 32 :- Requirement of Technical Representative (s) and Recovery Rates

Cost of work (Rs. in Crore)	Requirement of Technical Staff		Minimum experience (Years)	Designation of technical staff	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause
	Qualification	Number (Civil + Electrical)			
-----NIL-----					

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

Diploma holder with Minimum 10 year 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.

Clause 38 :-

- (i) (a) Schedule/statement for determining theoretical quantity of cement & bitumen on the basis of N.A printed by CPWD with upto date correction slips.
- (ii) Variations permissible on theoretical quantities:

a) Cement for works with estimated cost put to tender not more than Rs. 5 lakhs		N/A
for works with estimated cost put to tender more than Rs 5 lakh		N/A
b) Bitumen for all works.		N/A
c) Steel Reinforcement and structural steel sections for each diameter, section and category.		N/A
d) All other materials.		Nil

RECOVERY RATES FOR QUANTITIES BEYOND PERMISSIBLE VARIATION

Sl. No	Description of Item	Rates in figures and words at which recovery shall be made from the Contractor.	
		Excess beyond permissible variation	Less use beyond the permissible variation
-----NIL-----			

Assistant Engineer (E),
Hamirpur Central Elect. Sub Division
CPWD, NIT, Hamirpur, (H.P.)

Receipt of deposition of original EMD
(Receipt No. / Date.)

- 1 Name of work: - Chargeable to contingencies of various works at AIIMS Bilaspur H.P.
(Construction of CPWD Sub-Div office at AIIMS Bilaspur (H.P.))
- 2 NIT No. 78/EE(E)/ShCED/CPWD/2026-27/SD-Hmr
- 3 Estimated Cost :- Rs. 5,69,536/-/-
- 4 Amount of Earnest Money Deposit :- Rs. 11,391/-
- 5 Last date of submission of bid :- 28/08/2026 upto 03:00 PM

- 1 Name of Contractor :..... #
- 2 Form of EMD :..... #
3. Amount of Earnest Money :..... #
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)

**Form of Earnest Money Deposit
Bank Guarantee Bond**

WHEREAS, contractor.....(Name of contractor) (hereinafter called "the contractor") has submitted his tender dated (date) for the construction of (name of work) (hereinafter called "the Tender") KNOW ALL PEOPLE by these presents that we (name of bank) having our registered office at (hereinafter called "the Bank") are bound unto (Name and division of Executive Engineer) (hereinafter called "the Engineer-in-Charge") in the sum of Rs. (Rs. in words) for which payment well and truly to be made to the said Engineer-in-Charge the Bank binds itself, his successors and assigns by these presents. SEALED with the Common Seal of the said Bank thisday of 20..... THE CONDITIONS of this obligation are:

- (1) If after tender opening the Contractor withdraws, his tender during the period of validity of tender (including extended validity of tender) specified in the Form of Tender;
- (2) If the contractor having been notified of the acceptance of his tender by the Engineer-in-Charge:
 - (a) fails or refuses to execute the Form of Agreement in accordance with the Instructions to contractor, if required;

OR

- (b) fails or refuses to furnish the Performance Guarantee, in accordance with the provisions of tender document and Instructions to contractor,

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

This Guarantee will remain in force up to and including the date*after the deadline for submission of tender as such deadline is stated in the Instructions to contractor or as it may be extended by the Engineer-in-Charge, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this Guarantee should reach the Bank not later than the above date.

DATE

SIGNATURE OF THE BANK

WITNESS
(SIGNATURE, NAME AND ADDRESS)

SEAL

*Date to be worked out on the basis of validity period of 6 months from last date of receipt of tender.

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

1. Whereas the Executive Engineer (name of division) CPWD on behalf of the President of India (herein after called "The Government") has entered into an agreement bearing number.....with(name and address of the contractor)..... (hereinafter called "the Contractor") for execution of work..... .. (name of work)The Government has further agreed to accept an irrevocable Bank Guarantee for Rs. (Rupees only) valid upto (date) as Performance Guarantee/~~security Deposit/Mobilization Advance~~ from the said Contractor for compliance of his obligations in accordance with the terms and conditions of the agreement.
2. We, (indicate the name of the bank)..... (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 undertake to pay the amounts due and payable under this guarantee without any demure, merely on a demand from the Government stating that the amount claimed as required to meet the recoveries due or likely to be due from the said contractor(s). 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(s) in any suit or proceeding pending before any court or Tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the Contractor(s) shall have no claim against us for making such payment.
5. We, (indicate the name of the Bank)..... further agree with the Government that the Government shall have the fullest liberty without our consent and without affecting in any manner our obligation hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Contractor(s) 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(s) 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(s) or for any forbearance, act of omission on the part of the Government or any indulgence by the Government to the said Contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

6. We, (indicate the name of the Bank)..... further agree that the Government at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor at the first instance without proceeding against the contractor and notwithstanding any security or other guarantee the Government may have in relation to the Contractor's liabilities
7. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor(s).
8. We, (indicate the name of the Bank) undertake not to revoke this guarantee except with the previous consent of the Government in writing.
9. This guarantee shall be valid up tounless extended on demand by the Government. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs. (Rupees.....) 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:

Authorized signatory

Name

Designation

Staff code no.

Bank seal

1. Signature.....
Name and address

2. Signature
Name and address

GENERAL CONDITIONS

1.0 General

The work shall be executed as per CPWD General Specifications for Electrical Work Part-I (Internal) 2023, Part-II (External) 2023 as amended upto date wherever applicable, as per relevant IS and as per directions of Engineer-in-Charge. The technical specifications are to be read in conjunction with above and in case of variations, technical specifications of tender document shall apply. Nothing extra shall be paid on account of additional features in the technical specifications as the same are to be read along with schedule of quantities for the work.

Location: AIIMS, Bilaspur (HP).

1.1 The Department shall not issue any T & P and nothing extra shall be paid on this account.

1.2 The work to be awarded by this tender shall be treated as indivisible works contract.

2.0 No foreign exchange shall be made available by the Department for importing (purchase) of equipment, plants, machinery, materials of any kind or any other items required to be carried out during execution of the work. No delay and no claim of any kind shall be entertained from the Contractor, on account of variation in the foreign exchange rate.

3.0 Rate:

The rates quoted by the tenderer, shall be firm and inclusive of all taxes (including GST), custom duty, entry tax, duties and levies and all charges for packing forwarding, insurance, freight and delivery, installation, testing, commissioning etc at site i/c temporary constructional storage, risks, overhead charges, general liabilities/obligations and clearance from local authorities.

4.0 Completeness of tender:

All sundry equipment, fittings, unit assemblies, accessories, hardware items, foundation bolts, termination lugs for electrical connections, and all other items which are useful and necessary for efficient assembly and installation of equipment and 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.

5.0 Storage and custody of materials:

Contractor has to make his own arrangement for storage of material and their safe custody shall be the responsibility of the contractor till the final taking over of the installation by the department.

6.0 Care of the Building:

Care shall be taken by the contractor while handling and installation the various equipment and components of the work to avoid damage to the building. 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 the installation from the site of work.

7.0 Completion period:

The completion period indicated in the tender documents is for the entire work of planning, designing, approval of General arrangement drawings, supplying, installation, testing, commissioning and handing over of the entire installation to the satisfaction of the Engineer-in-charge.

8.0 Performance Guarantee:

8.1 The tenderer shall guarantee among other things, the following vis-à-vis specifications.

a. Quality, strength and performance of the materials used.

b. Safe mechanical and electrical stress on all parts under all specified conditions of operation.

9.0 Defect Liability Period:

- (i) All the equipment's shall have defect liability period of **12 months** to be reckoned after the date of recording of completion certificate by the department.
The equipment's or components, or any part thereof, so found defective during warrantee period shall be forthwith repaired or replaced free of cost, to the satisfaction of the Engineer-in-Charge. In case it is felt by the department that undue delay is being caused by the contractor in doing this, the same will be got done by the department at the risk and cost of the contractor.

10.0 Contractor has to submit OEM test certificate at the time of submission of bills.

11. Proper Shop Drawing Scheme Plan showing piping route & accessories need to be approved before executive of work.

12.0 Power Supply:

Power Supply for the purpose of Installation of plant and equipment shall be arranged by the tenderer.

13. The bidder should submit undertake to use material as specified in the technical specification of tender including makes and declare that no deviation will be taken from the specifications, makes as specified in tender during execution.

14. **Water Supply:-** Contractor has to make arrangement of water for testing of Fire Fighting Work.

15. In case Engineer-in-charge feels that some brand is not meeting the product specifications, the same shall not be allowed even if its brand name is included in list of approved make/brand. No claim of contractor on this account shall be entertained.

16. Bidder should submit original leaflet & letter of authority from the manufacturer.

17.0 Compliance with Regulations and Indian standards

- 17.1** All works shall be carried out in accordance with relevant regulation, both statutory and those specified by the Indian Standards related to this work. In particular, the equipment and installation shall comply with the following:

- a. Factories Act
- b. Indian Electricity Rules
- c. I.S. & BS Standards as applicable
- d. Workmen's compensation Act
- e. statutory norms prescribed by local bodies

- 17.2** Nothing in this tender shall be construed to relieve the successful tenderer of his responsibility for the design, manufacture and installation of the equipment with all accessories in accordance with currently applicable statutory regulations and safety codes.

18.0 Indemnity:

The successful tenderer shall at all times indemnify the department, consequent on this works contract. The successful tenderer shall be liable, in accordance with the Indian Law and Regulations for any accident occurring due to any cause and the department shall not be responsible for any accident or damage incurred or claims arising there from during the period of erection, construction and putting into operation the equipments and ancillary equipment under the supervision of the successful tenderer in so far as the latter is responsible. The successful tenderer shall also provide all insurance including third party insurance as may be necessary to cover the risk. No extra payment would be made to the successful tenderer due to the above.

19.0 Erection Tools:

No tools and tackles either for unloading for shifting the material for erection purposes would be made available by the department. The successful tenderer shall make own arrangement for all these facilities.

20.0 Mobilization Advance:

No mobilization advance shall be paid for this work.

21.0 Verification of correctness of Equipment at Destination:

The contractor shall have to produce all the relevant records to certify that the genuine equipment from the manufacturers has been supplied and erected.

22.0 Painting:

This shall include cost of painting of entire exposed iron work in the installation. All material works shall be painted at the works before dispatch to the site.

23.0 Quality Assurance:

23.1 The conduiting plan, Internal EI layout, schematic diagram as per contract specifications shall be prepared by the respective contractor and will be submitted by contractor duly signed before placing the order. The engineer-in-charge shall approve the shop drawing/ plan /layout as per contract conditions.

23.2 All the materials to be used in the work shall be new and of good quality and shall be not older more than 6 months from the date of receipt at site or year of manufacturing should be current. The equipment shall be procured directly from the manufacturer or authorized dealer and delivery challan / proof of dispatch of material of the Agency from where the material is purchased in support of genuineness of material shall be submitted along with bill for verification.

23.3 Manufacturer test certificates of all the equipment and material shall be submitted along with supply.

24.0 Department may send any material for testing. Testing charges if any shall be borne by the contractor. No amount will be paid for sample material sent for testing purpose.

25.0 Completion Plans:

After completion of work the contractor shall submit three sets of manufacturer's maintenance and operating instructions.

26. The order of preference in case of any discrepancy as indicated in condition No. 8.1 under "Conditions of Contract" give in standard CPWD contract form may be read as the following:

- i) Nomenclature of items as per schedule of quantities.
- ii) General conditions, Particular specification and additional condition, if any.
- iii) CPWD specifications.
- iv) Architectural Drawings
- v) Indian standard specifications of B.I.S.
- vi) Sound Engineering Practice

A reference made to any Indian Standard specification in these documents, shall imply to the latest version of that standard. Including such revision/amendments as issued by the bureau of Indian standard upto last date of receipt of tenders. The contractor shall keep at his own cost all such publications of relevant Indian standard applicable to the work at site.

Assistant Engineer (E),
Hamirpur Central Elect. Sub Division
CPWD, NIT, Hamirpur, (H.P.)

ADDITIONAL CONDITIONS FOR IEI WORK

1.0 GENERAL

SCOPE OF WORK:

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

POINT WIRING:

- 2.1 The wires used for the point wiring and power wiring shall be of 650 / 1100 Volts grade FRLS PVC insulated multi stranded copper conductor single core cables.
- 2.2 All mounting boxes for plate type accessories shall be of metallic construction and of the same make as that of the plate type switches and accessories.

3.1 COPPER AND ALUMINIUM CABLES

- 3.1.1. This specification covers the supply, installation, testing and commissioning of 1100 V grade cables.
- 3.1.2 The design, manufacture and performance of the cables should conform to the relevant IS.

4.0 MOULDED CASE CIRCUIT BREAKERS

- 4.1 The MCCBs shall comprise single units of triple pole/four pole construction as specified, shall be rated for 415 V AC.
- 4.2 All live parts shall be totally enclosed and shrouded with a heat resistant moulded insulating material housing. Operating mechanism shall be quick make, quick break and trip free type.
- 4.2.1 The MCCB shall be provided with the following features in microprocessor Release:
 - a) Inverse-time-current tripping characteristics under sustained overload.
 - b) Instantaneous tripping on short circuit
- 4.3 MCCBs shall be of current limiting type.
- 4.4 The rated service breaking capacity (Ics) shall not be less than the ultimate short circuit breaking capacity (Icu = Icu)
- 4.5 Variable Thermal setting shall be provided in all MCCB s with thermal magnetic Release.
- 4.6 All circuit breaker below 250 amps rating shall be provided with thermal magnetic Release & circuit breakers of 250 amps rating and above shall be provided with Microprocessor based release unless otherwise specified.
- 4.7 All MCCBs shall be provided with rotary handles and links for which nothing extra shall be paid.
- 5.0 MCB's & DB's shall be of same make.

6.0 LED Fixtures:

All LED fixtures provided under the contract shall be guaranteed for a period of 5 years from the date of completion. The contractor shall submit onsite warranty/guarantee of material against manufacturing defects for a period of five year for LED fittings duly signed by not below the rank of Regional Manager / Director/ Owner of Proprietor of the Manufacturing firm.

- 7.0 The agency has to submit LN-79 report issued by NABL accredited laboratory and LM-80 report from LED manufacturers.
- 8.0 The contractor has to submit a copy of all the original bill / receipt for purchasing the material from manufacturer/authorized dealer for bonafied use at site at the time of submitting of bill.
- 9.0 **Work may be carried out on Sundays, Holydays or in odd hours as per convenience of the client/ allottee for which no claim for idle labour shall be entertained.**
- 10. All dismantled material should returned to department concerned JE(E)/AE(E).
- 10.0 Terms of Payment: Ist and Final bill . No running bill

Assistant Engineer (E),
Hamirpur Central Elect. Sub Division
CPWD, NIT, Hamirpur, (H.P.)

LIST OF PREFERRED MAKES

If any make stated below does not comply with the technical specifications given in the tender then such a make cannot be supplied at this project.

S. No.	Details of Materials	Acceptable Make
1.	Copper Wire/Telephone Cable/UTP Cable	Finolex / KEI / Polycab / RR Kabel / Havells / Grandlay (duly ISI Marked)
2.	Aluminum and copper XLPE Power Cables Armoured/ unarmoured	Finolex / KEI / Polycab / RR Kabel / Havells / Grandlay (duly ISI Marked)
3.	Modular Switch, Socket, Telephone Socket/ Cable TV Socket / Data Outlet Socket /Fan regulator/USB Sockets/GI Boxes etc (wiring accessories), and accessories	Legrand : ARTEOR Honeywell : ORNA PANASONIC : VISION SCHNEIDER : Unica Pure
4.	PVC Conduit with accessories	Finolex / Supreme / BEC / NIC/ Polycab/ AKG (Min. 2mm thick and ISI Marked)
5.	MS Conduit with accessories	AKG/ NIC/ BEC/ RMCON (Note:- The accessories shall be ISI Marked)
6.	MS / GI Pipe (for pipe pole and other items)	Tata / Jindal / SAIL duly ISI Marked
7.	MCB/ MCB DB / Isolator/ RCCB/ Industrial Socket	Legrand / Siemens / Schneider / Panasonic-Europa
8.	MCCB's	LK D Sine (LK) / Schneider Compact NSX / Legrand DPX ³ / Siemens 3VL / ABB
9.	LED Recess/ surface mounted Downlighter	Philips / Wipro / Lighting Technology / Regent Lighting
10.	600 mm (Nominal Size) LED mirror light	Philips : BN021 LED12S 6500 PSU GR or equivalent model in Wipro / Lighting Technology / Regent Lighting
11.	Bulk head fitting	Philips : WT202W LED6S CW PSU S3 PC or equivalent model in Wipro / Lighting Technology / Regent Lighting
12.	Recessed mounted LED fitting of nominal size 595mm x 595mm	Philips : RC380B LED 36S -6500 G6 L60W60 PSU OD S1 or equivalent model in Wipro / Lighting Technology / Regent Lighting
18.	Any other Item	Approved by Engineer-in-charge

Assistant Engineer (E),
Hamirpur Central Elect. Sub Division
CPWD, NIT, Hamirpur, (H.P.)

केन्द्रीय लोक निर्माण विभाग

कार्यालय ज्ञापन

No. DG/Manual-2024/20

ISSUED BY THE AUTHORITY OF DIRECTOR GENERAL, CPWD

Vidyut Bhawan, New Delhi

Dated: 27.02.2026

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

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

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

12/02/26 Jindal
EE (Contract)

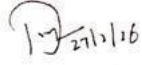
	0.8A – 0.7A). The Additional Performance Guarantee (APG) shall be in the prescribed format of Performance Guarantee and has to be submitted within the time frame prescribed for submission of Performance Guarantee. The other terms and conditions of release etc. of APG shall be same as that of PG.
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This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


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

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

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


 21/1/16

D.P. Jindal
EE (Contract)

SCHEDULE OF WORK

SCHEDULE OF QUANTITY						
	Name of work-Chargeable to contingencies of various works at AIIMS Bilaspur H.P. (Construction of CPWD Sub-Div office at AIIMS Bilaspur (E & M Work)					
S.No	Item of Work	Qty	Unit	Rate	Amount	Remarks ((DSR 25 / MR)
	ELECTRICAL INSTALLATIONS					
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable in surface/ recessed steel conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable etc. as required.					
a)	Group C	40.00	Point	2101.00	84040.00	1.3.3
2	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS/HFFR PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required					
	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	50.00	Mtrs	370.00	18500.00	1.7.1
3	Wiring for light/ power plug with 2X4 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable in surface/ recessed steel conduit along, with 1 No. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	140	Mtr.	480.00	67200	1.5
4	Wiring for light/ power plug with 4X4 sq. mm FRLS/HFFR PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongm with 2 Nos. 4 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable for loop earthing as required.	30	Mtr.	724.00	21720	1.6
5	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 A modular socket outlet and 5/6 A modular switch, connections etc. as required.	8.00	Each	545.00	4360.00	1.31
6	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required	12	Each	659.00	7908.00	1.32
7	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 2 nos. 3 pin 5/6 A modular socket outlet and 2 nos. 5/6 A modular switch, connections etc. as required. (For light plugs to be used in non residential buildings).	8	Each	757.00	6056.00	1.56
8	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc as required.					1.27
a)	1 or 2 Module (75mmX75mm)	9	Each	354.00	3186	(1.27.1)

9	Supplying & fixing suitable size GI box with modular plate and cover in front on surface or in recess including providing and fixing 25 A modular socket outlet and 25 A modular SP MCB, "C" curve including connections, painting etc. as required	4	Each	807.00	3228.00	1.57
10	LED Down lighter (SMD Type) (System lumen efficacy $\geq 105 < 120$ lm/Watt) Supplying, Installation, Testing & Commissioning of LED Recessed/ surface Down lighter (Round/ square/ Rectangular) SMD type of following body material with PMMA and prismatic diffuser and construction as per IS : 10322 with driver as per the requirement with Driver efficiency $>85\%$, Operating voltage AC 140-270 Volt, frequency 50/60 hz, Operating temp range -50C to 400C, internal surge protection of 2.5 KV with Short & Open circuit protection ,THD $< 10\%$, P. F. ≥ 0.95 , IP20, CRI >80 , UGR (Unified Glare Rating) < 19 , Flicker free (flicker should be below 5%), life time (LED, Driver & electrical circuitry), of minimum 50000 Burning Hours with 70% of initial Lumen maintained till life ends, CCT 3000°K /4000°K / 5700°K / 6500°K (As per ANSI Bin), SDCM (Standard Deviation Colour Matching) <3 , Maximum power consumption should not more than the specified rating and Fixture shall be confirming to relevant BIS standards. Manufactures Word Mark/ Name Engraved/ Embossing/ Screen printing on housing 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 and <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) Powder coated die cast /Extruded aluminium Body including trim					
a)	12 -15 watt	11	Each	715.00	7865.00	8.13

11	LED Panel light 2x2 ft. (System lumen efficacy $\geq 105 < 120$ lm/Watt) Supplying, installation, Testing & Commissioning of Panel light 2x2 ft., of following body material and construction as per IS : 10322 with driver as per the requirement with Driver efficiency $> 85\%$, Operating voltage AC 140-270 Volt, frequency 50/60 hz, Operating temp range - 5 0C to 40 0C, internal surge protection of 2.5 KV with Short & Open circuit protection, THD $< 10\%$, P. F. ≥ 0.95 , IP20, CRI > 80 , UGR (Unified Glare Rating) < 19 , Flicker free, (flicker should be below 5 %), 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 Colour Matching) < 3 , Maximum power consumption should not more than the specified rating and Fixture shall be of relevant BIS standard. Manufactures Word Mark/ Name Engraved/ Embossing/ Screen printing on housing. 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 $\geq 105 < 120$ 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). Powder coated die cast /Extruded aluminium Body (Thickness > 1.20 mm)					
a)	36 watt	18	Each	2508.00	45144.00	8.6.4
12	SITC of LED surface type 600 mm Long Mirror Light with a nominal system lumen output of 1000 lumens and a minimum system efficacy of 100 lm/W. The luminaire shall have a rated system lifetime of 50,000 burning hours at L70. The luminaire should have a color temperature -5700K and CRI >70 . THD $< 10\%$ and Service life of 50,000 hrs PF > 0.95 . The luminaire housing should made of aluminium/ Polycarbonate.	3.00	Nos	481.00	1443.00	MR
13	Supplying & Installation of following type of Fresh Air Exhaust Fans (PVC Body) A.C exhaust fan on the existing opening, including making the hole to suit the size of the above fan, making good the damage, including supplying & fixing suitable size of louvers shutters, making connection, testing, commissioning etc. as required. USHA /Panasonic /Crompton/HAvells					
a)	250 mm Sweep Ex. Fan	3.00	Each	1863.00	5589.00	MR

14	Supplying and fixing of following ways surface/ recess mounting, vertical type, 415 V, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 A tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCBs (but without MCCB, MCBs and incomer) as required . (Note : Vertical type MCCB TPDB is normally used where 3 phase outlets are required.)					
a)	4 way (4 + 12), Double door	1	Each	7951.00	7951.00	2.5.1
15	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator).					
a	4 way (4 + 12), Double door	2	Each	4377	8754	2.4.1
16	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C"curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
a)	Single pole	24	Each	285.00	6840.00	2.10.1
c)	Triple pole and neutral	2	Each	1301.00	2602.00	2.10.5
17	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, 16 KA,TPMCCB	1	Each	5103.00	5103.00	2.2.2
18	Supplying and fixing 63 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
a)	63A 10K TPMCB	4	Each	2947.00	11788.00	MR
19	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.	2	Set	8351.00	16702.00	5.4
20	Providing and fixing 25 mm X 5 mm G.I. strip in 40 mm dia G.I. pipe from earth electrode including connection with G.I. nut, bolt, spring, washer excavation and re-filling etc. as required	10	Metre	755.00	7550.00	5.11
21	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required.	15	Metre	287.00	4305.00	5.15
22	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as required.	10	Metre	84.00	840.00	5.16

23	Supply & Fixing of CO2 type fire extinguisher of following capacity filled with CO2 gas as per IS:15222 with control discharge mechanism fitted with hose & horn applicable on class B fire rating 21B confirming to IS 15683 ISI mark CO2 cylinder as per IS 7285 with suitable metallic dash fastner of 75mm length (approx.) and hanger, clamps on existing wall etc. as required.					
a)	4.5 Kg capacity	2	Each	7198.00	14396.00	MR
24	Supply & fixing of ABC Powder stored Pressure type (MAP 90%) Fire Exhinguisher complete with pressure guage controller discharge mechanism with horn & nozzle Class A rating, 3A & Class B rating 21 B of following capacities confirming to IS: 15683 : 2006 with suitable clamps on existing wall as required.					
a)	6 Kg capacity	2	Each	3945.00	7890.00	MR
	Low Voltage					
25	Supplying and fixing of following size Wall Mount Rack having Fixed Structure with 0.8mm CRCA Sheet, completely knocked-down condition (CKD) Shape, Vertical Mounting Rail 1.6 mm with 'U'Marking, Minimum 2 cable entry/exit provision at Top and bottom with rubber protection, Front 5mm Toughened Glass with lock, wall mounting kit, Powder coated Color- RAL- 7035, complied with UL & RoHS, 2 x 6 sockets 16A power distribution units, 3 numbers closed cable organizer, Hardware mounting screws packet of 20 x 1 number, etc. complete as required.					
a)	9U Rack	1	Each	8960.00	8960	39.23.2
26	Supplying Installation Testing and Commissioning of 24 port Cat6 Patch Panel loaded. Must be of 1U height with clear label holders and white label with the panel. 24 Ports Cat-6 Patch Panel should have ETL/UL verification program certificate for compliance with ANSI/TIA-568.2-D etc. complete as required.	1	Nos	5278.00	5278	39.11
27	Supplying, Installation, Testing and commissioning of following CAT6 Patch Cord should have ETL/UL verification program certificate for compliance with ANSI/TIA-568.2-D etc. complete as required.					
a)	Copper Patch Cords of length 1m (3ft)	18	Nos	151.00	2718	39.12.1

28	Supplying, drawing, Testing and commissioning of Cat6A UTP 4 pair, 23 AWG solid copper cable in existing conduit/ on surface, U/FTP, LSZH, Non- Plenum, Horizontal (solid) Cable suitable for high speed data networking application supporting upto 10Gbps over a 100 meter channel. The 4 Unshielded Twisted Pairs (UTP) cable with color coded insulation for easy identification should have FLAME PROPERTIES i.e. Flammability Test - IEC 60332-1, Smoke Density - IEC 61034, LSZH standards compliance: ANSI/TIA-568 C.2, ISO/IEC 11801, IEEE 802.3an, RoHS. Delay Skew should be < 45NS. The outer Cable Diameter should be 7.5 + 2 mm. Cable should have been tested and verified by UL/ ETL etc. complete as required.					
a)	1 Run of cable	80	Meter	74.00	5920	39.18.1
29	Supplying, Installation, Testing and commissioning of CAT6 Copper Information Outlet (IO) with face plate of color as per site requirement, should have ETL/UL verification program certificate for compliance with ANSI/TIA-568.2-D. All copper Cable and Components should be from same OEM to maintain compatibility and interoperability etc. complete as required.	9	Each	212.00	1908	39.14
30	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.					
a)	25 mm	40	Meter	168.00	6720	1.21.2
31	Supplying , Installation, Testing and Commissioning of Air Cooled Hi Wall split type Air conditioners complete with Indoor unit(IDU), Out door unit (ODU), surface / concealed copper Refrigerant piping with insulation (closed cell elastomeric nitrile rubber tubular pipe section) upto 3 Mtr (IDU to ODU), copper power cable upto 3.5 Mtr (IDU to ODU) i/c drain pipe R-32/R-410/ R-407 Green Refrigerant, wireless Remote control, suitable for working between 180- 260V with low & high voltage cutoff and 50 hz ,1 phase AC supply capable of performing cooling, dehumidification, air circulation of following capacity with Scroll / rotary compressor. The system shall be able to deliver 100% of the rated capacity upto 42 OC. Min 5 year Original Equipment Manufacturer (OEM) warranty both compressor and Printed Circuit Board (PCB). Must comply : Electrical cable IS 694 or IS 9968 temperature sensing control IS /International Electrotechnical Commission (IEC) 60730, hermetic compressor IS 10617, heat exchanger IS 11329, capacitor IS 2993 and motor IS 12615. Complete as per CPWD specification and IS : 1391 Part II 2023. The system shall be able to operate up to 50 OC (out door ambient temperature).	4	Each	41768.00	167072	32.2.6
	G. Total				569536.00	

Assistant Engineer (Elect.)
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