INDEX

Name of work:- 1) Supplying, Installation, Testing and commissioning of Post top lantern Fittings and bollards and solar light poles in GPBNIHESD Headquarter Campus at Kosi Katarmal, Almora. (2) Upgradation work in GPBNIHESD Campus at Kosi Katarmal, Almora. (3) Upgradation work in Awas Vikas Residential Colony at Almora under GBPNIHESD Campus at Kosi Katarmal, Almora. (SH: Providing, Installation of Electrical Fittings and Cables).

NIT No. : 07/EE/CED-II/CCU/2025-26

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This NIT containing **pages 1 to 31** as per index, amounting to **Rs. 21,23,840/-** (**Rupees: Twenty-One-Lakh Twenty-Three Thousand Eight Hundred and Forty Only**) is hereby approved.

Assistant Engineer (E)
CED-II, CCU
Dehradun.

Executive Engineer
CED-II, CCU
Dehradun.

INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR E- TENDERING FORMING PART OF BID DOCUMENT

The Executive Engineer, CED-II, Civil Construction Unit (CCU), Ministry of Environment, Forest & Climate Change (MoEF&CC), PO- New Forest, FRI Campus, Dehradun- 248006 (email- eeced2ccu-mef@nic.in. Mo. 9693020115) on behalf of President of India invites online Percentage rate bids from approved and eligible contractors of CPWD in appropriate class and category for the following work:-

S. No.	NIT NO.	Name of work and location	Estimated cost put to bid	Earnest Money	Stipulated Period of Completion (In months)	Last date & time of online submission of bid, copy of receipt for deposition of original EMD and other Documents as specified in bid document	Time & date of opening of bid
1	2	3	4	5	6	8	9
1	07/EE/CED-II/CCU/2025-26	**1) Supplying, Installation, Testing and commissioning of Post top lantern Fittings and bollards and solar light poles in GPBNIHESD Headquarter Campus at Kosi Katarmal, Almora. (2) Upgradation work in GPBNIHESD Campus at Kosi Katarmal, Almora. (3) Upgradation work in Awas Vikas Residential Colony at Almora under GBPNIHESD Campus at Kosi Katarmal, Almora. (SH: Providing, Installation of Electrical Fittings and Cables).**	Rs. 21,23,840/-	Rs. 42,477/-	03 Months	08.09.2025 upto 03.00 P.M.	08.09.2025 at 03.30 P.M.

** To be Filled by EE

Eligibility Criteria 1) Supplying, Installation, Testing and commissioning of Post top lantern Fittings and bollards and solar light poles in GPBNIHESD Headquarter Campus at Kosi Katarmal, Almora. (2) Upgradation work in GPBNIHESD Campus at Kosi Katarmal, Almora. (3) Upgradation work in Awas Vikas Residential Colony at Almora under GBPNIHESD Campus at Kosi Katarmal, Almora. (SH: Providing, Installation of Electrical Fittings and Cables).

1. 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.

2. Information and Instructions for bidders posted on website shall form part of bid document.
3. 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 free of cost.**
4. The bid can only be submitted after deposition of original EMD either in the office of Executive Engineer, CED-II, CCU, MoEF&CC, inviting bids or division office of any Executive Engineer, CCU

within the period of bid submission and uploading the mandatory scanned documents such as Demand draft or Pay order or Bankers Cheque or Deposit at call Receipt or Fixed Deposit Receipts and Bank Guarantee of any scheduled Bank towards EMD in favour of Executive Engineer as mentioned in NIT, receipt for deposition of original EMD to division office of any Executive Engineer (including NIT issuing EE / AE), CCU and other documents as specified.

5. Those contractors not registered on the website mentioned above, are required to get registered beforehand. If needed they can be imparted training on online bidding process as per details available on the website.
6. The intending bidder must have valid **Class-III** digital signature to submit the bid.
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 / or PDF format.
9. Contractor must ensure to quote rate in the column (5) meant for quoting rate in figures appears in pink colour and the moment rate is entered, it turns sky blue. In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as "0". Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (ZERO).
   However, If a tenderer quotes nil rates against each item in item rate tender or does not quote any percentage above/below on the total amount of the tender or any section / sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.
10. If the agency is not registered with Uttarakhand tax department earlier, he has to get registered himself with Uttarakhand Tax department before start of work.
11. The bidder is advised to visit the site of work, at his own cost, and examine it and its surroundings to himself collect all information that he considers necessary for proper assessment of the prospective assignment
12. The department reserves the right to reject any application without assigning any reason and to restrict the list of qualified contractors to any number deemed suitable by it, if too many bids are received satisfying the laid down criteria.
13. The department reserves the right, without being liable for any damages or obligation to inform the bidder, to:

    (a) Amend the scope and value of contract.

    (b) Reject any or all the applications without assigning any reason.

    (c) And to restrict the list of qualified contractors to any number deemed suitable by it, if too many bids are received satisfying the laid down criteria.

    Any effort on the part of the bidder or his agent to exercise influence or to pressurize the department would result in rejection of his bid. Canvassing of any kind is prohibited.

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

I. Treasury Challan/Demand Draft/Pay order or Banker's Cheque /Deposit at Call Receipt/FDR/ e-Bank Guarantee of any Scheduled Bank against EMD.

II. The original EMD should be deposited either in the office of Executive Engineer, CED-II, CCU, MoEF&CC, New Delhi inviting bids or division office of any Executive Engineer, CCU within the period of bid submission. (The EMD document shall only be issued from the place in which the office of receiving division office is situated) 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

III. Enlistment Order of the Contractor.

IV. GST Registration Certificate of the State in which the work is to be taken up, if already obtained by the bidder.

If the bidder has not obtained GST registration in the State in which the work is to be taken up, or as required by GST authorities 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 obtain GST registration Certificate of the State, in which work is to be taken up, 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 a/c of the work executed and/or for any action taken by CPWD or GST department in this regard.

Receipt of deposition of original EMD (drawn in favour of Executive Engineer, CED-II, CCU, MoEF&CC, New Delhi) (Receipt No. ……../ date .....)		
1	Name of Work	1) Supplying, Installation, Testing and commissioning of Post top lantern Fittings and bollards and solar light poles in GPBNIHESD Headquarter Campus at Kosi Katarmal, Almora. (2) Upgradation work in GPBNIHESD Campus at Kosi Katarmal, Almora. (3) Upgradation work in Awas Vikas Residential Colony at Almora under GBPNIHESD Campus at Kosi Katarmal, Almora. (SH: Providing, Installation of Electrical Fittings and Cables).
2	NIT No.	07/EE/CED-II/CCU/2025-26
3	Estimated Cost	Rs. 21,23,840/-
4	Amount of EMD Deposit	Rs. 42,477/-
5	Last Date of Submission of Bid	08.09.2025
** To be filled in by EMD Receiving EE / Division Office		
1	Name of Contractor	
2	Form of EMD	
3	Amount of EMD Deposited	
4	Date of Submission of EMD	
		(Signature) Name and Designation of EMD receiving officer (EE/AE(P), CCU, MoEF&CC) along with office stamp

CPWD-6 FOR E- TENDERING

1. Percentage rate bids are invited on behalf of President of India from approved and eligible contractors of composite category of CPWD for the work of **1) Supplying, Installation, Testing and commissioning of Post top lantern Fittings and bollards and solar light poles in GPBNIHESD Headquarter Campus at Kosi Katarmal, Almora. (2) Upgradation work in GPBNIHESD Campus at Kosi Katarmal, Almora. (3) Upgradation work in Awas Vikas Residential Colony at Almora under GBPNIHESD Campus at Kosi Katarmal, Almora. (SH: Providing, Installation of Electrical Fittings and Cables).**
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. 21,23,840/-** This estimate, however, is given merely as a rough guide.

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

Criteria of eligibility for submission of bid documents

2. Agreement shall be drawn with the successful bidder on prescribed Form No. CPWD 7 which is available as a Govt. of India Publication**.** 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 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 specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents except Standard General Conditions of Contract Form can be seen on website **https://etender.cpwd.gov.in free of cost.**

6. After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified.
7. While submitting the revised bid, contractor can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of bid as notified.
8. Earnest Money in the form of 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, CED-II, CCU, MoEF&CC, New Delhi)** 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. 5 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 as specified in the press notice shall be scanned and uploaded to the e-Tendering website within the period of bid submission. However, certified copy of all the scanned and uploaded documents as specified in press notice shall have to be submitted by the lowest bidder only along with physical EMD of the scanned copy of EMD uploaded 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.

9. The bid submitted shall be opened at 03.30PM on 08.09.2025.

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 and hard copies as submitted physically by the lowest bidder in the office of bid opening authority.
    (iv) If a tenderer quotes nil rates against each item in item rate tender or does not quote any percentage above/below on the total amount of the tender or any section / sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.

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 Rs. 10000/-) or Deposit at Call receipt of any scheduled bank/Banker's cheque of any scheduled bank/Demand Draft of any scheduled bank/ Pay order of any Scheduled Bank 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 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 and programme chart (Time and Progress) within the period specified in Schedule F.

11.1 Performance Guarantee for the full tendered amount will be deposited by the Contractor and shall remain valid for a minimum period of 60 (Sixty) days beyond the date of completion of all contractual obligations for the construction work, as per General Conditions of Contract. On completion of construction work, in all respects, provisional completion certificate shall be recorded by both the Engineer-in-Charge and Tender Accepting Authority.

11.2 ~~In this work, Supplementary Agreement shall be drawn for execution of maintenance and operation of equipments (the details of which are available in Part "C" of NIT Documents). After provisional completion of the construction work, a fresh performance guarantee shall be deposited by the contractor @ 5% (Five percent) of the amount of the supplementary agreement~~.

11.3 The performance guarantee received against the full tendered amount shall be released after the approval of the tender accepting authority as per the contract conditions and after receipt of fresh performance guarantee for maintenance and operation work.

11.4 On the completion of the work, in all respects, ~~including operation and maintenance part~~, the final completion certificate shall be recorded by the Engineer-in-Charge and Tender Accepting Authority and final payment shall be released thereafter.

12. **The description of the work is as follows:**
"1) Supplying, Installation, Testing and commissioning of Post top lantern Fittings and bollards and solar light poles in GPBNIHESD Headquarter Campus at Kosi Katarmal, Almora. (2) Upgradation work in GPBNIHESD Campus at Kosi Katarmal, Almora. (3) Upgradation work in Awas Vikas Residential Colony at Almora under GBPNIHESD Campus at Kosi Katarmal, Almora. (SH: Providing, Installation of Electrical Fittings and Cables)".
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 **CCU, MoEF&CC** 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 validity period for acceptance of tenders in case only financial bids are invited shall be **30 days** from the last date of receipt of bids. If any bidders withdraws his bid before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications 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.

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.
(c) General Conditions of Contract for CPWD 2023 as corrected upto last date of submission of bids.

20. For Composite Bids

20.1.1 The Executive Engineer in charge of the major component will call bids for the composite work. The cost of bid document and Earnest Money will be fixed with respect to the combined estimated cost put to tender for the composite bid.

20.1.2 The bid document will include following components:
1:- CPWD-6, CPWD-7/8 including schedule A to F for the major component of the work, General Conditions of Contract for Construction work CPWD 2023 as corrected upto last date of submission of bids.

2:- General / specific conditions, specifications and schedule of quantities applicable to major/minor component of the work.
3:- Schedule A to F for minor component of the work (Competent authority under clause 2 and clause 5 shall be same authority as mentioned in schedule A to F for major components), General/specific conditions, specifications and schedule of quantities applicable to minor component(s) of the work.

20.1.3 The bidders must associate himself with agencies as per NIT conditions.

20.1.4 After acceptance of the bid by competent authority, the AE in charge of major component of the work shall issue letter of award on behalf of the President of India. After the work is awarded, the main contractor will have to enter into one agreement with AE in-charge of major component and has also to sign two or more copies of agreement depending upon number of EE's/DDH incharge of minor components.

20.1.5 Entire work under the scope of composite bid including major and all minor components shall be executed under one agreement.

20.1.6 Security Deposit will be worked out separately for each component corresponding to the estimated cost of the respective component of works.

20.1.7 The main contractor has to associate agencies for specialized components (s) conforming to eligibility criteria as defined in the bid document and has to submit detail of such agency(s) to Engineer-in-charge of relevant component(s) within prescribed time. Name of the agency(s) to be associated shall be approved by Engineer-in-charge of relevant component(s).

20.1.8 In case the main contractor intends to change any of the above agency/agencies during the operation of the contract, he shall obtain prior approval of Engineer-in-charge of relevant specialized component(s). The new agency/agencies shall also have to satisfy the laid down eligibility criteria. In case Engineer-in-charge is not satisfied with the performance of any agency, he can direct the contractor to change the agency executing such items of work and this shall be binding on the contractor.

20.1.9 The main contractor has to enter into MoU with agencies contractor(s) associated by him on Non judicial stamp paper. Copy of such MoU shall be submitted to EE/ DDH in charge of each relevant component as well as to EE incharge of major component. In case of change of associate contractor, the main contractor has to enter into agreement with the new contractor associated by him.

20.1.10 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.

20.1.11 The composite work shall be treated as complete when all the components of the work are complete. The completion certificate of the composite work shall be recorded by Engineer-in-charge of major component after record of completion certificate of all other components.

20.1.12 Final bill of whole work shall be finalized and paid by the EE of major component. Engineer(s) in charge of minor component(s) will prepare and pass the final bill for their component of work and pass on the same to the EE of major component for including in the final bill for composite contract.

Executive Engineer, CED-II, CCU
For and on behalf of the President of India

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FORESTS & CLIMATE CHANGE

STATE	**Uttarakhand**	**CIRCLE**	**CCU, MoEF&CC**
BRANCH	**B&R**	**DIVISION**	**CED-II Division**
ZONE	**CCU, MoEF&CC**	**SUB-DIVISION**	**Dehradun Sub div**

PERCENTAGE RATE BID AND CONTRACT FOR WORKS

Tender for the work of **"1) Supplying, Installation, Testing and commissioning of Post top lantern Fittings and bollards and solar light poles in GPBNIHESD Headquarter Campus at Kosi Katarmal, Almora. (2) Upgradation work in GPBNIHESD Campus at Kosi Katarmal, Almora. (3) Upgradation work in Awas Vikas Residential Colony at Almora under GBPNIHESD Campus at Kosi Katarmal, Almora. (SH: Providing, Installation of Electrical Fittings and Cables)."**
To be submitted online by **3.00 PM on 08.09.2025.**

The online Bid shall be opened in presence of tenderers who may be present at **03.30 PM on 08.09.2025** in the office of the: Executive Engineer, CED-II, CCU Dehradun.

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 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 due date of its opening of bid** and not to make any modifications in its terms and conditions.

A sum of **Rs. 42,477/- (To be returned after receiving performance guarantee)** 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/e-bank guarantee issued by scheduled bank as earnest money. If I/we, fail to furnish the prescribed performance guarantee or fail to commence the work 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 of commence work as specified, I/we agree that President of India or his successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be ordered, up to maximum of the percentage mentioned in schedule 'F'and 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 both Earnest Money & 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
Postal Address---------- **
Telephone No.---------- **
Fax ---------- **
E-MAIL ---------- **

Witness:
Address:
Occupation:

**** To be filled by Contractor**

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 President of India

Signature .....*.

Dated: ----------*

Designation.....*

* To be filled by Executive Engineer

SCHEDULE – 'A' to 'F' FOR THE WORK

SCHEDULE 'A'

Schedule of Quantities : **As per separate sheets attached**

SCHEDULE 'B'

Schedule of materials to be issued to the contractor:

S. No.	Description of item	Quantity	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'

Schedule of 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/document for the work, if any:	**As per tender documents**

SCHEDULE 'E'

Reference to General Conditions of contract:	**General Conditions of Contract 2023 for construction Works, Central Public Works Department, as modified and corrected up to last date of submission of bids**
Name of Work:	**1) Supplying, Installation, Testing and commissioning of Post top lantern Fittings and bollards and solar light poles in GPBNIHESD Headquarter Campus at Kosi Katarmal, Almora. (2) Upgradation work in GPBNIHESD Campus at Kosi Katarmal, Almora. (3) Upgradation work in Awas Vikas Residential Colony at Almora under GBPNIHESD Campus at Kosi Katarmal, Almora. (SH: Providing, Installation of Electrical Fittings and Cables).**
Estimated cost of the work:	**Rs. 21,23,840/-**
Earnest money	**Rs. 42,477/-**
Performance Guarantee	5% (Five percent) of tendered amount
Security Deposit	2.5% (Two Point Five percent) of tendered amount.

SCHEDULE 'F'

General rules and direction

Officer inviting tender	**Executive Engineer, CED-II, CCU, MoEF&CC, Dehradun**
Maximum percentage of quantity of items of work to be executed beyond which rates are to be determined in accordance with Clause 12.2 & 12.3	See at appropriate clause

Definitions :

2(v)	Engineer-in-Charge :	**Executive Engineer, CED-II, CCU, MoEF&CC, Dehradun or his successor-in-charge of work**

2(vii)	Accepting Authority :	**Executive Engineer, CED-II, CCU, MoEF&CC, Dehradun or his successor-in-charge of work**
2(x)	Percentage on cost of materials and labour to cover all overheads and profits :	**15% for M/R Items** **No extra overheads and profits shall be payable on the part(s) of work assigned to other agency (s) by the contractor as per terms of contract.**
2(xi)	Standard Schedule of Rates:	
	Electrical Items of Work:	**M/R Items**
2(xii)	Department:	**CCU, MoEF&CC**
9(ii)	Standard CPWD contract Form:	**GCC construction work 2023 for Central PWD works as corrected up to last date of submission of bids**

Clause 1		
i)	Time allowed for submission of Performance Guarantee, Programme Chart (Time and Progress) and applicable labour licenses, registration with EPFO, ESIC and BOCW Welfare Board or proof of applying thereof from the date of issue of letter of acceptance	**7 Days**
ii)	Maximum allowable extension with late fee @0.1% per day of Performance Guarantee amount beyond the period as provided in i) above	**3 Days**
Clause 2	Authority for fixing Compensation under Clause 2	**Superintending Engineer, CCU, MoEF&CC, New Delhi or his successor-in-charge of work**
Clause 2 A	Whether Clause 2A shall be applicable	**No**
Clause 5	Number of days from the date of issue of letter of intent for reckoning date of start	**10 Days**

Mile stones as per table given below

Sl. No	**Description of mile stone (s) (Physical)**	**Time allowed (From date of start)**	**Amount to be withheld in case of Non-achievement of each physical Mile stone(s) subject to a total maximum of 5% (five Percent) of the total tendered value of work.**
			N.A

Time allowed for execution of work: 03 (Three) Months

Authority to decide:

i) Extension of time	:	**Executive Engineer, CCU, MoEF&CC or his successor-in-charge of work**
i) Rescheduling of mile stones	:	**Superintending Engineer, CCU, MoEF&CC, New Delhi or his successor-in-charge of work**
ii) Shifting of date of start in case of delay in handing over of site	:	**Superintending Engineer, CCU, MoEF&CC, New Delhi or his successor-in-charge of work**

Clause 6		
Clause applicable	:	**6A**
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	:	**08 Lakh**
Clause 7A		
Whether clause 7A shall be applicable	:	**Yes**

Clause 10 A

List of testing equipment to be provided by the contractor at site lab.	All testing equipment required for testing various parameters at site

Clause 10B (ii)	
Whether Clause 10 B (ii) shall be applicable	No

Clause 10 C

Whether Clause 10 C shall be applicable	No
Component of labour expressed as percent of value of work	N.A

Clause 10CA

S No	Materials covered under this clause	Nearest materials (other than cement, reinforcement bars, structural steel and POL) for which All India Wholesale Price Index to be followed	Base Price of materials covered under clause 10 CA

*Includes cement component used in RMC brought at site from outside approved RMC plants, if any.

Clause 10 CC	**Not Applicable**

Clause 11		
Specifications to be followed for execution of work	:	CPWD General Specifications for internal electrical installations 2023 (Part-1), external electrical installations (Part-II) 2023, with correction slip issued up to date.
Clause 12		
Type of Work	:	**Construction Work**
Clause 16		
Competent authority for deciding reduced rates	:	**Superintending Engineer, CCU, MoEF&CC, New Delhi or his successor-in-charge of work**

Clause 19

Clause 19 C	Authority to decide penalty for each default	Executive Engineer, CCU, MoEF&CC
Clause 19 D	Authority to decide penalty for each default	Executive Engineer, CCU, MoEF&CC
Clause 19 G	Authority to decide penalty for each default	Executive Engineer, CCU, MoEF&CC

Clause 25: Settlement of disputes by Conciliation and Arbitration.

Conciliator:	:	SE, CCU, or his legal successor or Assignee thereof
Arbitrator Appointing Authority	:	CE, CCU, MoEF&CC or his legal successor or Assignee thereof
Place Arbitration	:	New Delhi

Note: No Party shall be represented before the Conciliator by an Advocate/ legal counsil etc.

Clause32(i) : Requirement of Technical Representative(s) and Recovery Rate

Sl. No.	Requirement of Technical Representative		Minimum Experience (Years)	Designation Technical Staff	Rate at which recovery shall be made from the contractor in the event of not fulfilling
	Qualification	Number Minor (Elect.) Component)			
1	Graduate Engineer or Diploma Engineer	NA	NA	NA	NA

Engineer(s) deployed as per stipulation in the contract looks after only the work under contract and no other work and is available fully during execution of work.

Even if contractor (or partner in case of firm/company) is himself/herself an Engineer, it is necessary on part of contractor to employ Engineer(s) for the supervision of the work as per stipulation.

Assistant Engineers retired from Government services that are holding Diploma will be treated at par with Graduate Engineers. Even if contractor (or partner in case of firm/company) is himself an

Engineer/Overseer(s), it is necessary on part of contractor to employ Engineer(s) and/or/Overseer for the supervision of the work(s) as per stipulation.

For supervision of electrical items of work, technical representatives of the Electrical and mechanical disciplines will be required to be deployed.

TERMS AND CONDITIONS FOR ELECTRICAL WORKS

General Commercial & Technical Conditions:

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

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

3.0 **Rates:**

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

3.2. Prices quoted shall be firm

4.0 **Taxes and Duties:**

4.1. Being an indivisible works contract, any taxes (including GST), duties, and levies etc. are not payable separately.

4.2. The Goods and service tax (GST) 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.

5.0 **Mobilization Advance:**

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

6.0 **Completeness of Tender:**

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

7.0 **Works to be arranged by the department:**

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

b) Supply of materials to the contractor if stipulated in the tender documents.

8.0 Works to be done by the contractor:

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

a) Foundations for equipment's and components where required, including foundation bolts.

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

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

d) Painting at site of all exposed metal surfaces of the installation other than pre-painted items like fittings, fans, switchgear/distribution gear items, cubical 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.

e) Testing and commissioning of completed installation.

f) Storage space for all equipment's, components and materials for the work

g) For installation items, material installed by contractor as per specifications and direction of engineer-in-charge.

9.0 **Storage and Custody of Materials:**

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

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

10.0 **Electric Power Supply and Water Supply:**

Unless otherwise specified, 3 phase, 415 volts, 50 Hz power supply shall be provided by the department to the contractor at one point for installation at site & will be charge @ of Rs. 10/- per KWH. Termination switchgear, however, shall be provided by the contractor. Further extension, if required, shall be done by the contractor.

The contractor shall not use the power supply for any other purpose than that for which it is intended for. No major fabrication work shall be done at site. Power shall be used only for welding/cutting works. The power supply shall be disconnected in case of such default and the contractor shall than have to arrange the required power supply at his own

Water supply will be arranged by the contractor at the site for installation purpose.

11.0 **Tools for handling and Erecting:**

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

12.0 **Payment Terms:**

(i) 70% after inspection by department officers and dispatch of the stores and receipt of materials in good condition at site.

(ii) 20% on installation/erection.

(iii) Balance 10% will be paid after testing commissioning & will be released after taking over by the department.

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

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

13.1. **Care of buildings:**

Care shall be taken by the contractor to avoid damage to the building during execution of his part of the work. He shall be responsible for repairing all damages and restoring the same to their original finish at

his cost. He shall also remove, at his costs, all unwanted and waste materials arising out of his work, from the site.

14.0 Structural Alterations to Buildings:

a) No structural member in the building shall be damaged/altered, without prior approval from the competent authority through the Engineer-n-charge.
b) Structural provisions like openings, cutouts, if any, provided by the department for the work, shall be used. Where these required modifications or fresh provisions are required to be made, such contingent works shall be carried out by the contractor at his cost.
c) 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.
d) 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.

15.0 **Addition to an installation:**

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

16.0 Work in occupied buildings:

a) 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 the office hours.
b) The contractor shall be responsible to abide by the regulations or restrictions set in regard to entry into, and movement within the premises.
c) The contractor shall not tamper with any of the existing installations including their switching operations or connections there to without specific approval from the Engineer-in-charge.

17.0 **Drawings:**

DRAWING FOR APPROVAL ON AWARD OF THE WORK:-

The contractor shall prepare & submit three sets of following drawings and get them approved from the Engineer-in-charge before the start of the work. The approval of drawings, however, does not absolve the contractor not to supply the equipment s /materials as per agreement, if there is any contradiction between the approved drawings and agreement.

(a) Lay out drawings of the equipments to be installed including control cables, pipes and supports/structure for bus ducts/cable trays.
(b) Drawings including section, showing the details of erection of entire equipment's.
~~Electrical wiring diagrams from engine-alternator set to electrical control panel, electrical control panel to essential LT board including the sizes and capacities of the various electrical/ control cables and equipment s.~~

(d) ~~Drawings of acoustic enclosure/Engine—Alternator set and electrical control panel.~~

(e) ~~Drawings showing details of supports for pipes, chimney cable trays, ducts etc.~~

(f) ~~Any other drawings relevant to the work~~

DRAWINGS/DOCUMENTS TO BE FURNISHED ON COMPLETION OF INSTALLATION:-

Three sets of the following laminated drawings shall be submitted by the contractor while handing over the installation to the department. In addition, drawings will be given on Compact Disc (CD):-

(a) Line diagram and layout of all copper piping and other electrical control panels giving switchgear ratings and their disposition, cable feeder sizes and their layout.
(b) Control wiring drawings with all control components and sequence of operations to explain the operation of control circuits.
(c) Manufacturer's technical catalogues of all equipment's and accessories.
(d) Operation and maintenance manual of all major equipment's, detailing all adjustments, operation and maintenance procedure.
(e) Warranty Certificate from Manufacturer's/OEM for LED Fittings for period of 5 years from Date of purchase or Date of completion/Handing over to the department/client.

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

18.1. All electrical works shall be carried out in accordance with the provisions of Indian Electricity Act, 1910 and Indian Electricity Rules, 1956 amended up to date (Date of call of tender unless specified otherwise). List of rules of particular importance to electrical installations under these General Specifications is given in Appendix C floriferous.

19.0 **General requirements of components:**

19.1. **Quality of material:** All materials and equipments 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.

20.0 **Inspection of materials and equipments:**

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

a) Inspection of materials / equipments to be witnessed at the Manufacturer's premises in accordance with relevant BIS/Agreement Inspection Procedure.
b) To receive materials at site with Manufacturer 's Test Certificate(s)
c) To inspect materials at the authorized dealer's go downs to ensure delivery of genuine materials at site.
d) To receive materials after physical inspection at site.

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

a) Material will be ordered & delivered at site only with the prior approval of the department to ensure timely delivery. As and when the order is placed for the fittings/ fixtures, cables, switchgears, poles, rising main, other main items etc, its copy shall be endorsed to the Engineer-in-charge.
b) The firm will be required to procure material like exhaust fans, MCB's & DB's, switches & sockets, wires & cables, conduits and switchgears etc directly from the manufacturer/ authorized dealers to ensure genuineness & quality and as per the approved makes only. Proof in this regard shall be submitted by the contractor before installation at site to the department.
c) Inspection at factory or at go down of the manufacturer, as required, shall be arranged by the firm for a mutually agreed date. Certificate for genuineness of the fittings shall have to provided duly signed by the manufacturer's officer not below the rank of Regional Manager.
d) Delivery of material shall be taken up only with the consent of department, after clearance of the material.
e) Department shall reserve the right to waive inspection in lieu of suitable test certificate, at its discretion.

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

21.0 **Ratings of components:**

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

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

22.0 **Conformity to standards:**

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

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

23.0 **Inter changeability:**

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

24.0 **Workmanship:**

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

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

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

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

25.0 **SAFETY MEASURES:-**

All equipments shall incorporate suitable safety provisions to ensure safety of the operating personnel as per manufacturers' standard practice prescribed in this General Specification, to be done before, during and after installation, shall be carried out, and the test results shall be submitted to the Engineer-in-charge in prescribed Performa, forming part of the Completion Certificate.

26.0 **Commissioning on completion:**

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

27.0 **Completion plan and completion certificate:**

27.1. For all works completion certificate after completion of work shall be submitted to the Engineer-in-charge.

27.2. Completion plan drawn to a suitable scale in A2 Sheet (It shall be laminated if desired by the Site- in-Charge) indicating the following, and three copies of the same shall also be submitted.

a) General layout of the building.

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

c) Position of all points and their controls.

d) Types of fittings, viz. fluorescent, pendants, brackets, bulk head, fans, exhaust fans etc.
e) Name of work, job number, tender reference, actual date of completion, names of Division/ Sub-division and name of the firm who executed the work with their signature.
f) Cable layout showing general distribution diagram along with position of cable joints, if any.

28 Guarantee

The installation will be handed over to the department after necessary testing and commissioning. The installation will be guaranteed against any defective design/workmanship. Similarly, the materials supplied by the contractor will be guaranteed against any manufacturing defect or inferior quality. The guarantee period will be for a period of 12 months from the date of handing over to the department or recording of completion certificate by the engineer-in-charge and acceptance by the competent authority whichever is later. Installation/ equipments or components thereof shall be rectified/ repaired to the satisfaction of the Engineer-in-charge at his own cost and nothing extra will be paid to the contractor on this account. The firm will be required to submit guarantee of material from the manufacturer to the department.

Note: The quantity of material in the BOQ is indicative. Contractor has to assess the actual requirement of material at site before placing the order, keeping in view the drawing and site requirement. No claim for payment for unused excess material shall be entertained.

29.0 Insurance and Storage:

All consignments are to be duly insured up to the destination from warehouse at the cost of the contractor. The insurance cover shall be valid till the equipment is handed over duly installed, tested and commissioned.

30.0 Verification of Correctness of Equipments 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.

31.0 Statutory Clearance (S):-

Approval/clearance of the complete installation shall be obtained by the contractor from CPCB/State Pollution Control Board/Local Bodies/Central Electricity Authority (CEA)/other licensing authorities, wherever required. However, application shall be made by department and.

32.0 Maintenance: -

32.1 Sufficient trained and experienced staff shall be made availed to meet any exigency of work during the guarantee period of one year from the handing over of the installation.
32.2 The maintenance, routine as well as preventative for one year from the date of taking over the installation as per manufactures recommendation shall be carried out.

33.0 Interpreting Specifications: -

In interpreting the specifications. The following order of decreasing importance shall be followed in case of contradiction:
(a) Schedule of quantities
(b) Technical specifications
(c) Drawing (if any)
(d) General specifications
(e) Relevant BIS or other international code in case BIS code is not available.

34.0 Extent of Work: -

(a) Minor building works necessary for installation of equipment, foundation making of opening in walls or in floors and restoring them to their original condition/finish and necessary grouting etc. as required.
(b) All supports for cable and MS Channel fr erection as are necessary.

GENERAL CONDITIONS OF CONTRACT

1. These Special Conditions of Contract shall be read in conjunction with the other documents forming part of the contract. In any case of any discrepancy, the order of preference shall be as under: -

a) Nomenclature of the item as per schedule of quantities.
b) General/ Additional conditions attached with the contract document.
c) Additional Specifications attached with the contract document.
d) Drawings.
e) CPWD Specifications with correction slips up to last date of submission of bids.
f) BIS Specifications.
g) Manufacturer's specifications.
h) Decision of the Engineer-in-Charge.
i) Sound Engineering practices.

2. Unless specifically mentioned otherwise all the relevant codes & standards published by the Bureau of India Standards before the acceptance of the contract shall apply and govern in respect of design, workmanship, quality and properties of materials, testing and measurements.

3. The contractor shall organize his operations in a workman like manner and take all necessary precautions to provide safety and prevent accidents on the site to both person and property, more so if they will be working in proximity to working machinery of existing plants in operation.

4. The Owner shall have the power in requiring the contractor to adopt from time to time such measures as they may consider necessary to ensure the above requirements. The Owner shall not be responsible for any consequence resulting from violation of safety requirements. In particular, the Contractor shall ensure compliance with the all necessary safety codes.

5. All duties, taxes, octroi, turnover tax etc. shall be borne by the contractor.

6. Latest relevant BIS specifications shall govern this contract and work shall be carried out strictly in accordance of these.

7. Time is the essence of this contract. The contractor is expected to work in more than one shift. Nothing extra shall be paid for the same.

8. The Contractor must submit a Time Schedule as per conditions of NIT. The same shall be reviewed during the time of execution. Suitable amendments shall be made in the work programmer if in the opinion of the Engineer-In-Charge the progress of the work is not satisfactory. Nothing extra shall be paid for the same.

9. In case the contractor fails to match the progress of the work to the programme approved by the Engineer-In-Charge, the department reserves the right to get the complete or a portion of the work executed by any other agency at the risk of the contractor.

10. The department shall not provide any equipment/machine required for any of the operation as described in the drawings, schedule of quantity, specifications etc.

11. The contractor must get acquainted with the proposed site of the work and the specifications and conditions carefully before tendering. The work shall be executed as per programme approved by the Engineer-In-Charge. If part of site is not available for any reason or there is some unavoidable delay in supply of materials stipulated by the Owner, the programme of execution shall be modified accordingly and the contractor shall have no claim for any extras or compensation on this account of delays or work in odd hours.

12. The architectural and other drawings shall, at all times, be properly correlated for executing any work. After taking measurements at site. Samples shall be prepared for approval before starting any items of work specified by the Engineer-In-Charge. The Contractor shall prepare the fabrication /shop drawings on existing & proposed services of works.

13. Rates quoted for the items in all individual sections shall be valid for carrying out the items of work at any place, any level and at any height.

14. Collection and stacking of materials shall include all leads. The rates quoted by the contractor shall hold good irrespective of the source from which the materials are brought so long as they conform to the specifications and as approved by the Engineer-In-Charge.

15. The drawings referred to in the tender documents are available for inspection to the intending tenderers in the office of the Engineer-In-Charge. Tenderer's shall inspect the same and acquaint themselves with the work to be executed. The contractor shall have no claim or reference to these drawings in respect of any of the rates after acceptance of the tender.

16. Samples of various materials required for testing shall be provided free of charges by contractor. All expenditure required to be incurred for taking the sample, conveyance, packing, sealing, loading, unloading etc. shall be borne by the contractor himself.

    The materials shall be got tested by the Engineer-in-charge and shall be used on the work only after satisfactory test results have been received. The contractor shall supply free of charge the samples of materials required for testing including its transportation to testing laboratories. The cost of tests shall be borne by the contractor / Department in the manner indicated below (except otherwise mentioned in the contract):

    (a) By the contractor, if the results show that the material does not conform to relevant BIS codes.
    (b) By the Department, if the results show that the material conforms to relevant BIS codes.

17. The work have to be executed in shifts and all necessary arrangements are to be made by the contractor & nothing extra shall be claimed for the by the Contractor.

18. It should be carefully noted that numerous agencies will be working in the project simultaneously and the contractor shall have to work at every stage in close coordination with each of these agencies. He shall have to programme his work accordingly in consultationwithotheragenciesaspersequentialrequirementsasmaybedecidedbytheCCU and Client or simultaneous execution of other components of the work by other agencies may necessitate reorganizing, which shall not be accepted as grounds for any delay or excuse of any nature what so ever.

19. The contractor shall make his own arrangements for electricity and its distribution. However, Electricity Connection, if any available, shall be given at one point at the site, but the Employers do not guarantee uninterrupted supply. Energy thus provided shall be metered and the contractor shall reimburse the cost of energy to the Employer as per prevailing rates.

20. **Approval of shop drawing / fabrication drawings / SLD's**: The contractor shall make shop drawings for all site work, detailed fabrication drawings for all tanks, vessels, headers etc. and Single Line Diagram for all Electrical panels and shall obtain approval from the Engineer-in-Charge before proceeding with the fabrication/manufacturer work.

21. **"As Built "Drawings**

At the completion of work and before issuance of certificate of provisional completion the Contractor shall submit eight (8) sets to the Construction Manager and Consultants, layout drawing drawn at appropriate scale indicating the complete Mechanical Works System "as installed".

22. **Completion Certificate**

On completion of the complete Mechanical Works system installation a certificate shall be furnished by the Contractor countersigned by the licensed supervisor, under whose direct supervision the installation was carried out.

23. **Guarantee**

At the close of the work and before issuance of final certificate of provisional completion by the Engineer-in-charge/ Consultants, the Contractor shall furnish written guarantee indemnifying the owner against defective materials and workmanship for a period of one year after completion. The Contractor shall hold himself fully responsible for reinstallation or replacement, free of cost to owner, the following:

Any defective work or material supplied by the Contractor.

Any material or equipment supplied by the owner which is damaged or destroyed as a result of defective workmanship by the Contractor.

Any material or equipment damaged or destroyed as a result of defective workmanship by the Contractor.

24. Scope of Work:

a) Contractor shall submit the samples / catalogues of each material/ equipment giving technical data/ detail. Only after written approval of sample/ catalogues, the contractor shall place the order.

b) Preparation of shop drawings. Contractor shall submit the detailed shop drawings after coordinating with the civil wing.

c) Before starting of the work at site the contractor shall examine all service drawings and report to Architect/ Consultants for discrepancies and obtain clarifications. Any work done without regard or consultation with other trades, shall be removed by the contractor without additional cost to owner.

d) Testing & commissioning of systems including submission of test report.

e) Contractor shall submit as installed drawings, operation& maintenance manual for all equipment / operations etc. Framed operation and maintenance instructions shall be provided in plant room.

f) Procurement of all the materials shall be done after the approval of the Engineer-in-charge.

Executive Engineer
CED-II, CCU, Dehradun

List of Preferred Makes

All materials and Equipment shall conform to the relevant standards and shall be of approved make and design. The list of preferred makes for various equipments/materials etc. is given below. Any item missed out from the list should be got approved by the Engineer in Charge before delivery/ installation. Engineer-in-charge may, for any item, in the interest of work allow use of any other make/brand in addition to the makes/brands mentioned in the preferred makes lists subject to its satisfactory quality and on proper grounds like non-availability of preferred makes/brands in the market etc. In such case, cost adjustment shall be made if the make/brand actually used is priced lower than the lowest priced brands of that item in the preferred makes list. However, nothing extra shall be paid if actually used brand/make is of higher price than the highest priced brand/make in the list of preferred makes

SI No	Item		Make
1.	Wires/Cable		Polycab/Havells/Grandley/RR Kable
2.	LED Fitting		Phillips/LT/Regent/Havells
3.	LED Solar Fittings		Phillips/Havells/Crompton
4.	Pole Box		Syntex/Hensel/Neptune/ABS
5.	DWC Pipe		Rex/Trupati/Duraline
6.	GI Pipe		Jindal Hisaar/TATA/Sail
7.	Armoured Cable		Polycab/Havells/Grandley/RR Kable
8.	Any other not specified above		As per Approval of Engineer in Charge

Executive Engineer
CED-II, CCU, Dehradun

SCHEDULE OF QUANTITY

(SH:- : Electrical Work)

Schedule of Work

Name of Work: - 1) Supplying, Installation, Testing and commissioning of Post top lartern Fittings and bollards and solar light poles in GPBNIHESD Headquarter Campus at Kosi Katarmal, Almora. (2) Upgradation work in GPBNIHESD Campus at Kosi Katarmal, Almora. (3) Upgradation work in Awas Vikas residential colony at Almora under GBPNIHESD Campus at Kosi Katarmal, Almora. (SH: - Providing, Installation of Electrical Fittings and Cables.)

S.NO	Description of Item	Qty	Unit	Rate	Amount
1	SITC of LED Post top luminaire having system power: total luminous flux minimum 3500 Lm, efficacy not less than 100lm/W, (CCT 3000K/4000K/5700K), PF >0.90, CRI>70, THD<10%,having pressure die cast Aluminium Housing and polycabornate diffuser, internal electronic control gear, Service life of 50000Hrs , IP 66/IK08 Protection, min 4Kv Surge protection, operating in power supply 230V,50Hz i/c connection with FRLS PVC insulated 1.5 sqmm Cu. single core cable from pole box to fittings etc complete as required as per direction of engineer-in-charge. (with 5 years warranty)	45	each	8,125.00	3,65,625.00
2	SITC of LED Flood Light having system power: total luminous flux minimum 5000 Lm, efficacy not less than 120lm/W, (CCT 3000K/ 4000K/5700K), PF >0.95, CRI>70, THD<10%,having pressure die cast Aluminium Housing and polycabornate/ Tempered Glass diffuser, internal electronic control gear, Service life of 50000Hrs , IP 66/IK08 Protection, operating in power supply 230V,50Hz i/c connection with FRLS PVC insulated 1.5 sqmm Cu. single core cable from pole box to fittings etc complete as required as per direction of engineer-in-charge. (with 5 years warranty)	20	each	5,728.00	1,14,560.00
3	SITC of LED Bollard Light having system power: total luminous flux minimum 700 Lm, efficacy not less than 70lm/W, (CCT 3000K), PF >0.95, CRI>70,having pressure die cast Aluminium Housing and polycabornates diffuser, internal electronic control gear, Service life of 50000Hrs , IP 65/IK08 Protection , operating in power supply 230V,50Hz, minimum height 600mm i/c suitable foundation and i/c connection etc complete as required as per direction of engineer-in-charge. (with 5 years warranty)	25	each	8,615.00	2,15,375.00
4	SITC of 20 Watt IP65 all-In-One solar street light with high effciency mono/Poly crystalline solar PV module of wattage 30W to 40W, min 13.6 Ah or better, 12.8V Lithium Ferro Phosphate battery, MPPT charge controller solar charge controller capacity 12V,5A, aluminium extruded/Pressure Die cast body, IP65 protection with serviceable battery compartment, high efficacy LED >130LPW and with built-in Solar panel to provide soft glare free light i/c Over charge protection, Deep Discharge protection, Over current protection, Short Circuit protection, Over voltage protection i/c connection complete as required as per direction of engineer-in-charge)	20	each	39,526.00	7,90,520.00
5	SITC of Pole Boxes having Enclosure: 140 x 190 x 95 mm, IP55 having housing material of ABS/Fibre, i/c 6amp MCB, stud etc and making connection etc complete as required.	60	each	866.00	51,960.00
6	Supplying, laying and fixing of 650/1100 V grade XLPE/PVC insulated and PVC outer sheathed galvanized steel armoured aluminium conductor power cable of following size as per IS 7098 (Part 1) 1988 amended up to date in existing DWC/HUME/Metal Pipe.				
a)	2 x 10 sq.mm	2900	mtr	202.00	5,85,800.00
Total					**21,23,840.00**

Executive Engineer
CED-II, CCU, Dehradun

Civil Construction Unit

N.I.T. No: 07/EE/CED-II/CCU/2025-26

Name of Work:- 1) Supplying, Installation, Testing and commissioning of Post top lantern Fittings and bollards and solar light poles in GPBNIHESD Headquarter Campus at Kosi Katarmal, Almora. (2) Upgradation work in GPBNIHESD Campus at Kosi Katarmal, Almora. (3) Upgradation work in Awas Vikas residential colony at Almora under GBPNIHESD Campus at Kosi Katarmal, Almora. (SH:- Providing, Installation of Electrical Fittings and Cables.)

SCHEDULE OF QUANTITY

Name of the Contractor					
Sl. No.	**Name of component**	**Estimated cost (Rs.)**	**Percentage above or below the estimated cost**	**% in Figures**	**Total Cost (Rs.)**
1	2	3	4	5	6
1	**Electrical Works**	**21,23,840/-**	*	*	*

*- To be filled online in bid document.

1) The Column Nos. 4 & 5 are mandatory to be filled by the bidders / tenderers. If these columns are left blank, the tender become invalid.

2) The amount in figures in column No.6 shall appear automatically corresponding to the percentage quoted in column No.4 & 5.

3) The tenderer is required to quote the percentage only above or below or at par with the estimated cost to cover all the rates of item covered under the respective packages.

4) The percentage shall be written in 2 (two) place of decimal.

5) If the percentage selection in column No 4 is "At Par", by default the percentage will be considered as "Zero" only. In other words if "At par" is selected in column No.4, then no need to fill column No.5

Government of India
Min of Environment, Forest & Climate Changes,
Office of the Executive Engineer,
Civil Engineering Division-II,
Civil Construction Unit,
F.R.I. Campus, Dehradun 248006
Email : eeced2ccu-mef@nic.in

भारत सरकार
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय,
कार्यालय कार्यपालक अभियन्ता,
सिविल इंजीनियरिंग मंडल–II,
सिविल निर्माण एकक,
एफ.आर.आई. परिसर, देहरादून–248006
अणु डाक : **eeced2ccu-mef@nic.in**

पत्रांक सं0 54(118)/सि.इंजी.मं.–2/सि.नि.ए./2025–26/हि0 443 दिनांक: 28/08/2025.

सेवा में,

निदेशक,
गोबिन्द वल्लभ पंत राष्ट्रीय हिमालय पर्यावरण संस्थान,
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय,
कोसी–कटारमल, अल्मोड़ा – 263643

विषय: 1) Supplying, Installation, Testing and commissioning of Post top lantern Fittings and bollards and solar light poles in GBPHNIHESD Headquarter Campus at Kosi katarmal, Almora. (2) Upgradation work in GBPNIHESD Campus at Kosi Katarmal, Almora. (3) Upgradation work in Awas Vikas Residential colony at Almora under GBPINIESD Campus at Kosi Katarmal, Almora. (SH: Providing, Installation of Electrical Fittings and Cables). **Reg- Publicity of tender.**

महोदय,

The tender for the above said work has been published on 28.08.2025 on e-tender portal of CPWD with tender ID 124797. The last date of submission of bid is on 08.09.2025 upto 03:00pm. The other details of the tender are enclosed herewith.

It is requested that publicity in this regard may be made on your website also.

संलग्नः– उपरोक्तानुसार

भवदीय

कार्यपालक अभियन्ता
सि.इंजी.मं.–II, सी.सी.यू.
एफ.आर.आई परिसर,
देहरादून

प्रतिलिपि: सहायक अभियंता-II, श्रीनगर उपमंडल, सि.इंजी.मं.–II, सी.सी.यू., श्रीनगर (गढवाल) को सूचनार्थ एवं आवश्यक कार्यवाही हेतु।

कार्यपालक अभियन्ता

Enquiry Particulars	
Regional Office	EE - CED - II, CCU
Office Inviting Bids	EE - CED - II, CCU
Tender ID	124797
NIT/RFP NO	07/EE/CED-II/CCU/2025-26
Name of Work	1) Supplying, Installation, Testing and commissioning of Post top lantern Fittings and bollards and solar light poles in GBPHNIHESD Headquarter Campus at Kosi katarmal, Almora. (2) Upgradation work in GBPNIHESD Campus at Kosi Katarmal, Almora. (3) Upgradation work in Awas Vikas Residential colony at Almora under GBPINIESD Campus at Kosi Katarmal, Almora. (SH: Providing, Installation of Electrical Fittings and Cables).
Subwork/Packages	Electrical works
Time Allowed	3 months
Tender Type	OPEN
Procurement Type	WORKS
Type of Work	Electrical Works
Category of Tendered	ELECTRICAL
Estimated Cost	21,23,840
Bid Type	Percentage

Bid Submission Closing Date & Time	08/09/2025 15:00
Bid Validity Period (In Days)	30
Bid Validity Expiry Date	08/10/2025 15:30
Tender Notice Type	Standard Notice Tender
Competitive Bidding Type	NCB

Tender Inviting Authority Particulars	
Office Inviting Bids	EE - CED - II, CCU
Designation	Executive Engineer
Address	EE CCU Dehradun
Contact Details	9693020115
Email	eeced2ddn@gmail.com

EMD Details

EMD(INR)	EMD In Favour Of	Mode of Payment
Rs. 42,477	Executive Engineer, CED-II, CCU, MoEF&CC, New Delhi	DD,FDR,BC,BG

Bid Openers

Department User Name	Region	Mobile Number	Email	Designation	Certificate serial No	Certificate Expiry
Sameer Khanna	EE - CED - II, CCU	9891244858	sameerkhanna1203@gmail.com	Assistant Engineer	193718d75f	20/08/2027 07:31
Satya Prakash	EE - CED - II, CCU	9693020115	satya.prakash88@gov.in	Executive Engineer	135e25e9bcba	10/07/2027 12:08

Tender Documents

S.No	File Name	File Description	File Size (in Bytes)	Uploaded Date
1	NIT 07 .pdf	NIT 07	585413	28/08/2025 10:38

Mandatory Documents Details

S.No	Documents Required from Vendor	Document Type
1	Scanned copy of EMD in proper form	Mandatory
2	Copy of receipt of EMD	Mandatory
3	Enlistment Order of the Contractor.	Mandatory
4	GST Registration Certificate of the State in which the work is to be taken up, if already obtained by the bidder or required undertaking.	Mandatory

Eligibility Documents Details

S.No	Documents Required from Vendor	Document Type
1	Enlistment Order of the Contractor.	Mandatory

Tender Covers

S.No	Cover Name	Bid Opening date	Dependent Cover Name
1	Single Bid	08/09/2025 15:30	

Single Bid

S.No	File Name	File Size(in Bytes)
1	124797-PercentageComposite1.xls	60928