



e-tendering

APPROVED NIT

NIT No. 05/NIT/SEE/CCW/NGP/2026-27

Estimated cost :Rs.24,91,864/-

**PRASAR BHARATI
(INDIA'S PUBLIC SERVICE BROADCASTER)
EXECUTIVE ENGINEER (ELECTRICAL)
CIVIL CONSTRUCTION WING:
1st Floor New Broad Casting House,
Akashvani, H T Parikh Marg,
Opposite MLAs Hostel, Mumbai- 400020**

**e-mail: ccwelect.airmum@nic.in
ccwelectmum@gmail.com**

CONTACT 022-20821161

Name of Work: ARMO Electricals works at NFAI-NFDC at PUNE for 2026-27.(Sub Head:- Comprehensive Maintenance of Electrical Installation, Operation of water supply pump sets and Maintenance of Sub-Station at NFAI Ph- I & II and Staff quarters.)



INDEX

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

The **Executive Engineer (Electrical) CCW, All India Radio PB (IPSB), MUMBAI** invites, on behalf of President of India online percentage rate tenders from approved and eligible contractors of CPWD and those of appropriate list of BSNL, MES, Railways, Departments of post and State PWD of Maharashtra for the following work.

NIT Number	05/NIT/SEE/CCW/NGP/2026-27
Name of work:	ARMO Electricals works at NFAI-NFDC at PUNE for 2026-27.(Sub Head:- Comprehensive Maintenance of Electrical Installation, Operation of water supply pump sets and Maintenance of Sub-Station at NFAI Ph- I & II and Staff quarters.)
Estimated Cost put to Tender	Rs.24,91,864=00
Earnest Money Deposit	Rs 49,837=00
Period of completion	12 (Twelve) Months
Last date and time of submission of Tender	16/09/2026 11:00 Hrs.
Time and date of opening Tender	16/09/2026 11:30 Hrs.

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 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, 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 the website <https://prasarbharati.eproc.in/> free of cost.
4. But the bid can only be submitted after depositing Processing Fee in favour of M/s. C1 India Pvt. Ltd and deposition of original EMD in the division office of Executive Engineer(E) CCW, AKASHVANI, PB(IPSB), Mumbai-20 or division office of any Executive Engineer (C/E), Civil Construction Wing, Akashvani, 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) and uploading the mandatory scanned documents such as Insurance Surety Bonds, Account Payee Demand Draft or Banker's Cheque or Fixed Deposit Receipt from any of the Commercial Banks towards EMD in favour of **Executive Engineer (E), CCW AIR PB(BCI), Mumbai-20**, receipt for deposition of original EMD to the Executive Engineer (E), CCW, AKASHVANI, PB(IPSB), Mumbai-20 or divisionoffice of any Executive Engineer (C/E), Civil Construction Wing, Akashvani, within the period of bid submission and other documents as specified. The FDR shall be accepted only if it is valid for a period of six months or more after date of opening of the Tender.
5. Detailed procedure can be seen in the CPWD-6 for e-Tendering
6. Contractors, who are 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 said website
7. The intending bidder must have valid **Class-III** Digital Signature to submit the bid.
8. On the date of opening of the Bid, the bidder can login and see the bid opening process. After opening of Bids he will receive the competitor bid sheets.
9. Bidder can upload documents in the JPG or PDF format.
10. SC/ST bidders enlisted under Class-V category are exempted from processing fee of e-Tender payable to M/s. C1 India Pvt. Ltd.

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

1	Copy of Account Payee Demand Draft/Bankers Cheque/Fixed Deposit Receipt from any of the Commercial banks or Insurance Surety Bonds against Earnest Money Deposit [Must be submitted as a single instrument].
2	Copy of receipt for deposition of original EMD issued from division office of any Executive Engineer (Including NIT issuing EE/AE), CCW, AKASHVANI, within the period of bid submission (The EMD document shall be issued from the place in which the office of receiving division office is situated)
3	Copy of Certificates of Work Experience , of similar nature [Similar work means Comprehensive Maintenance of Electrical Installation and Maintenance of Sub Station] in Para 1.2 of Form CPWD 6 for Non CPWD contractors. CPWD contractors to upload the valid Enlistment Order if any
4	Copy of Certificate of Registration for GST or UNDERTAKING: 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 CCW AKASHVANI, 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 CCW AKASHVANI or GST department in this regard.
5	Copy of Duly notarized Affidavit on Rupees 500/ Stamp Paper as per Para 1.2.2 and 9 of Form CPWD 6 <i>"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 bidding in CCW AKASHVANI 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> The certified copy of all the scanned and uploaded documents specified in the Press Tender Notice/NIT shall be deposited by me/us with the Executive/Executive Engineer (Electrical), Civil Construction Wing, Akashvani, Mumbai-20, in case I/we become the lowest tender within a week of opening of the financial bid, otherwise the Department (CCW-AKASHVANI) may reject the tender and take action to debar me/us from tendering in CCW AKASHVANI for a period of three years and can write to the Competent Authority for cancellation of my/our enlistment
6	Copy of Certificate or Registration of EPF and ESI should be uploaded or in case the contractor feels that the EPF and ESI Acts are not applicable in his case and such registration certificates are not required for the work he shall upload the necessary undertaking to this effect
7	Copy of Acknowledgement of up to date filed returns i.e. up to June, 2026
8	Copy of Valid Electrical contractors License

**EXECUTIVE ENGINEER (ELECTRICAL)
CCW AIRPB (IPSB) MUMBAI**

No.EE (E)/MUM/CCW/SEE-NIT-05/2026-27/

Date: 27/08/2026

1. The Superintending Engineer (Elect.), CCW, AIR Nagpur
2. The Executive Engineer (Civil), CCW, AIR Mumbai/Pune/Vadodara.
3. The Assistant Engineer (Civil.) I/II, CCW, AIR MUMBAI/Pune/Vadodara/Ahmedabad/Rajkot.
4. The Assistant Engineer (E) CCW, AIR, MUMBAI/Pune.
5. Notice Board.
6. By mail to webupdates.pbns@gmail.com for uploading on PrasarBharati Web site.

EXECUTIVE ENGINEER (ELECTRICAL)

INFORMATION AND INSTRUCTIONS FOR EXECUTIVE ENGINEER FOR e-TENDERING

1. The Executive Engineer of all divisions of CCW should receive the original EMD for tender of other division.
2. The NIT approving authority/EE at the time of issue of NIT shall also fill and upload the following prescribed format of receipt of deposition of original EMD along with NIT : -
3. The Executive Engineer receiving EMD in original form shall examine the EMD deposited by the bidder and shall issue a receipt of deposition of earnest money to the agency in a given format upload by tender inviting EE. The Receipt may be issued by the AE/AAO.
4. The Executive Engineer receiving original EMD shall also intimate tender inviting Executive Engineer about deposition of EMD by the agency by Email/Fax/telephonically.
5. The tender inviting Executive Engineer will call for original EMD of the L-1 tenderer from EMD receiving Executive Engineer immediately

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

1	Name of Work	ARMO Electricals works at NFAI-NFDC at PUNE for 2026-27.(Sub Head:- Comprehensive Maintenance of Electrical Installation, Operation of water supply pump sets and Maintenance of Sub-Station at NFAI Ph- I & II and Staff quarters.)
2	NIT No	05/NIT/SEE/CCW/NGP/2026-27
3	Estimated Cost	Rs 24,91,864=00
4	Amount of Earnest Money Deposit	Rs 49,837=00
5	Last date of submission of bid	16/09/2026 11:00 Hrs.

1	Name of Contractor	
2	Form of EMD	
3	Amount of Earnest Money Deposit	
4	Date of submission of EMD	

**Signature, Name and Designation of EMD
Receiving officer (EE/ASW/AE/AAO)
Along with office stamp**

PRASAR BHARATI
(India's Public Service Broadcaster)
CIVIL CONSTRUCTION WING, AKASHVANI

NOTICE INVITING e-TENDER

The Executive Engineer (Electrical) CCW, All India Radio PB (IPSB), MUMBA Invites, on behalf of President of India online percentage rate tenders from approved and eligible contractors of CPWD and those of appropriate list of BSNL, MES, Railways, Departments of post and State PWD of Maharashtra for the following work: **ARMO Electricals works at NFAI-NFDC at PUNE for 2026-27.(Sub Head:- Comprehensive Maintenance of Electrical Installation, Operation of water supply pump sets and Maintenance of Sub-Station at NFAI Ph- I & II and Staff quarters.)**

The enlistment of the contractors should be valid on the last date of sale of tenders.

1.1 The work is estimated to cost **Rs 24,91,864=00**. 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 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.

1.2. Intending bidder is eligible to submit the bid provided he has definite proof from the appropriate authority i.e. not below the rank of Executive Engineer, which shall be to the satisfaction of the competent authority, of having satisfactorily completed similar works [**Similar work means Comprehensive Maintenance of Electrical Installation and Maintenance of Sub Station**] in the last seven years ending in Central Government, State Government, PSUs and other Government Local bodies. The works completed up to previous day of last date of submission of tender shall also be considered.

Criteria of eligibility for submission of bid documents

1.2.1. Conditions for Non-CPWD registered contractors only, if bids are also open to non-CPWD Contractors For works estimated cost up to tendering limit of class -I Buildings and Roads (erstwhile Composite/ Building/ infrastructure) category Contractor (However, for Horticulture category, it may be modified as per bidding limit of CPWD class I contractors of Horticulture category).

(i) **Three** similar completed works each of value not less than 40% of the estimated cost put to tender **OR Two** similar completed works each of value not less than 60% of the estimated cost put to tender **OR One** similar completed work of value not less than 80% of the estimated cost put to tender

(ii) ~~For EPC tender under Mode - I/II only (Applicable for CPWD enlisted contractors of appropriate class also).~~

~~One completed work costing not less than ₹. _____ executed with the structural system technology as proposed by bidder in the letter of transmittal during the last 7 years ending last day of the month previous to the one in which tenders are invited. This work can be part of eligible work at 1.2.1 (i) above or as a separate work~~

Note:-

~~For works costing above tendering limit of class -II Buildings and Roads(erstwhile Composite/ Building/ infrastructure)category contractors but up to tendering limit of Class-I Buildings and Roads(erstwhile Composite/ Building/ infrastructure)category Contractor (However, for Horticulture category, it may be modified as per bidding limit of CPWD class II and CPWD Class I contractors respectively of Horticulture~~

~~Category) when bids are open to non-CPWD contractors also, then class II contractors of CPWD registered 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 the tendering limit of class-I (Super) Buildings and Roads (erstwhile Composite/ Building/ infrastructure) category Contractor (However for Horticulture category, it may be modified as per bidding limit of CPWD class-I contractors of Horticulture Category).

(i) ~~Three similar works each of value not less than ₹..... Or two similar works each of value not less than ₹.....or one similar work of value not less than ₹.....(all figures rounded to nearest convenient figure) during the last 7 years ending last day of the month previous to the one in which tenders are invited.~~

(ii) ~~For EPC tender under Mode I/II only (Applicable for CPWD enlisted contractors of appropriate class also).~~

~~One completed work costing not less than ₹..... executed with the structural system technology as proposed by bidder in the letter of transmittal during the last 7 years ending last day of the month previous to the one in which tenders are invited. This work can be part of eligible work at 1.2.1 (i) above or as a separate work~~

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 as 1.2.2 (Para 1.2.1(i) and Para 1.2.2(i) are not applicable for CPWD enlisted contractors of appropriate class. Para 1.2.1(ii) and Para 1.2.2(ii) are also applicable for CPWD enlisted contractors of appropriate class).

To become eligible for issue of bid, the bidders shall have to furnish a **duly notarized affidavit on ₹500 stamp paper as under (Applicable if work experience is stipulated in para 1.2 above):**

"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 bidding in CCW-AKASHVANI 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 is 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 tenderer on prescribed Form No. 7, (or other Standard Form as mentioned) which is available as a Govt. of India Publication and also available on website [GCC 2023 Maintenance works](#), as modified and corrected up to previous day of the last date of submission of tender. 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 **12 (Twelve) 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 is available.
5. Tender documents consisting of plans, specifications, the schedule of quantities of the various classes of work to be done and the set of terms and conditions of contract to be complied with by the contractor whose tender may be accepted and other necessary documents can be seen from website <https://prasarbharati.eproc.in/> free of cost.
6. After submission of the Tender the contractor can re-submit revised tender any number of times but before last time and date of submission of tender as notified.
7. While submitting the revised tender, contractor can revise the rate of one or more item/s any number of times (he need not re-enter rate of all items) but before last time and date of submission of tender as notified.

8. When tenders 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 tender submitted earlier shall become invalid.
9. Earnest Money of **₹49,837=00** in the form of Insurance Surety Bonds, Account Payee demand Draft, Fixed Deposit Receipt, Bankers Cheque from any of the Commercial banks (drawn in favour of **The Executive Engineer (E), CCW AIR PB (BCI), Mumbai-20** 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 (E), CCW, AKASHVANI, PB(IPSB), Mumbai-20 or division office of any Executive Engineer (E/C), Civil Construction Wing, Akashvani, 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 Executive Engineer (E), CCW, AKASHVANI, PB (IPSB), shall issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format uploaded by the Executive Engineer (E), CCW, AKASHVANI, PB (IPSB), Mumbai-20 in the NIT. This receipt shall be also uploaded to the e-tendering website by the intending bidder up to the specified bid submission date and time. The FDR shall be accepted only if it is valid for a period of six months or more after date of opening of the Tender.**

The Certified copy of all the scanned and uploaded documents shall be deposited by the lowest tenderer within a week after opening of financial bid failing which the tender shall be rejected.

The following **duly notarized affidavit on Rupees 500/- stamp paper** in this regard shall also be uploaded by the intending bidders:

The certified copy of all the scanned and uploaded documents specified in the Press Tender Notice/NIT shall be deposited by me/us with the Executive/Executive Engineer (Electrical), Civil Construction Wing, Akashvani, Mumbai-20, in case I/we become the lowest tender within a week of opening of the financial bid, otherwise the Department (CCW-AKASHVANI) may reject the tender and take action to debar me/us from tendering in CCW-AKASHVANI for a period of three years and can write to the Competent Authority for cancellation of my/our enlistment.

(Originals of the uploaded documents shall be shown for verification).

Interested contractor who wish to participate in the bid has also to make following payments within the period of bid submission:

E-Tender Processing Fee admissible shall be payable to M/s. C1 India Pvt. Ltd through their e-gateway by credit/debit card, internet banking or RTGS/NEFT facility.

Copy of Enlistment Order and certificates of work experience and other documents as specified in the tender/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 the tender 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, who have deposited e-Tender Processing Fee with M/s. C1 India Pvt. Ltd and Original EMD deposited with division office of CCW, AKASHVANI, PB (IPSB) Mumbai-20 or division office of any Executive Engineer (C/E), Civil Construction Wing, Akashvani, within the period of bid submission and other documents scanned and uploaded are found in order.

The bid submitted shall be opened at **11:30 Hrs. on 16/09/2026**

10. The bid submitted shall become invalid and e-Tender Processing Fee shall not be refunded, if:
 - (i) The bidder is found ineligible;
 - (ii) The bidder does not upload all the documents (including GST) as stipulated in the bid document including the copy of receipt for deposition of Original EMD and affidavit about the certified copy of all the scanned and uploaded documents;
 - (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 tenderer in the office of tendering opening authority;
11. The contractor whose tender is accepted will be required to furnish Performance Guarantee of 5% (Five percent) of the tendered amount within the period specified in Schedule F. This guarantee shall be in the form of Insurance Surety Bonds, Account Payee Demand Draft, fixed Deposit Receipt or Bank Guarantee from any of the Commercial Banks in accordance with the prescribed form.

In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F', including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor.

12. Tenderers 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 tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed. The tenderer shall be responsible for arranging and maintaining at his own cost all materials, tools and 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 tender by a tenderer 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 President of India does not bind himself to accept the lowest or any other tender, and reserves to himself the authority to reject any or all of the tenders received without the assignment of a reason. All tenders, in which any of the prescribed conditions 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 tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to 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 tender and the tenderer shall be bound to perform the same at the rate quoted.
16. The contractor shall not be permitted to tender for works in the CCW AKASHVANI PB(BCI) Circle (responsible for award and execution of contracts) in which his near relative is posted as Divisional Accountant or as an officer in any capacity between the grades of 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 Civil Construction Wing of Akashvani or in the Ministry of Information and Broadcasting. 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 Gazette rank or other Gazette 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 two years after his retirement from Government service, without the previous 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 tender or engagement in the contractor's service.
18. The tender for the works shall remain open for acceptance for a period of **Seventy-Five (75) days** from the date of opening of **Tender**. If any tenderer withdraws his tender before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the tender 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.
19. This Notice Inviting Tender shall form a part of the contract document. The successful tenderer/contractor, on acceptance of his tender by the Accepting Authority, shall, within 7 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 No. 7.

EXECUTIVE ENGINEER (E)
CCW AKASHVANI PB (IPSB) MUMBAI

BRIEF PARTICULARS OF THE WORK

1. Salient details of the work for which bids are invited, are as under:

Name of work: ARMO Electricals works at NFAI-NFDC at PUNE for 2026-27.

(Sub Head:- Comprehensive Maintenance of Electrical Installation, Operation of water supply pump sets and Maintenance of Sub-Station at NFAI Ph- I & II and Staff quarters.)

Estimated cost (Approx.): Total: ₹. **24,91,864=00**

Period of completion: 12 (Twelve) Months

2. The work site is situated at, **NFDC-NFAI, Ph-I on Law College Road & Ph-II in Kothrud and Staff Qtrs at Pune .**

3. General features and major components of the work are as under: -

As per Schedule of Quantities attached.

4. Work shall be executed according to the [General Conditions of Contract for Central PWD works 2023](#) with up to date [amendments](#)

P R A S A R B H A R A T I
(INDIAS PUBLIC SERVICE BROADCASTER)
CIVIL CONSTRUCTION WING, AKASHVANI

State : **Maharashtra**
Branch : E & M.
Zone : WEST

Circle: NAGPUR
Division: MUMBAI
Sub-Division: **Pune**

Percentage Rate Tender & Contract for Works

Name of work: ARMO Electricals works at NFAI-NFDC at PUNE for 2026-27.(Sub Head:- Comprehensive Maintenance of Electrical Installation, Operation of water supply pump sets and Maintenance of Sub-Station at NFAI Ph- I & II and Staff quarters.)

- (i) To be submitted online through the website <https://prasarbharati.eproc.in/> by 11:00 hours on 16/09/2026 to the Executive Engineer (E), Civil Construction Wing, Akashvani, Prasar Bharati (IPSB), Mumbai.
- (ii) To be opened online at the website <https://prasarbharati.eproc.in/> in presence of tenderers who may be present at 11:30 hours on 16/09/2026 in the office of the Executive Engineer (E), Civil Construction Wing, Akashvani, Prasar Bharati (IPSB), Mumbai.

Tender submitted online at the website <https://prasarbharati.eproc.in/> by the contractor

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 Opening of **tender** thereof and not to make any modifications in its terms and conditions.

A sum of **Rs 49,837=00** is hereby forwarded in the form of Account Payee Demand Draft/ Bankers Cheque/Fixed Deposit Receipt of the commercial bank or Insurance Surety Bond 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 the work specified I/we agree that the said President of India or his successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said performance guarantee absolutely. The said Performance Guarantee shall be a guarantee to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 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 and shall not be eligible to bid for CCW AIR tenders from date of issue of suspension order

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 Contractor
Postal Address: _____

Witness:
Address: _____

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 ₹

(Rupees _____

_____)

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

- i)
- ii)
- iii)

For and on behalf of the President of India,

Dated: _____

Signature: _____
Designation: **Executive Engineer (E)**
Civil Construction Wing
Akashvani, PB (IPSB)
Mumbai-400 020

SCHEDULES

Name of work: ARMO Electricals works at NFAI-NFDC at PUNE for 2026-27.

(Sub Head:- Comprehensive Maintenance of Electrical Installation, Operation of water supply pump sets and Maintenance of Sub-Station at NFAI Ph- I & II and Staff quarters.)

SCHEDULE 'A'

Schedule of quantities - As per "schedule of quantity"

SCHEDULE 'D'

Extra Schedule for specific requirements/documents for the work, if any.	Additional Commercial Conditions /documents& Technical Specifications attached
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SCHEDULE 'E'

Reference to General Conditions of Contract:-	Applicable GCC is GCC 2023 Maintenance works as modified and corrected up to previous day of the last date of submission of tender.
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Name of Work	ARMO Electricals works at NFAI-NFDC at PUNE for 2026-27.(Sub Head:- Comprehensive Maintenance of Electrical Installation, Operation of water supply pump sets and Maintenance of Sub-Station at NFAI Ph- I & II and Staff quarters.)	
i)	Estimated cost work	Rs 24,91,864=00
ii)	Earnest Money	Rs. 49,837=00
iii)	Performance Guarantee	a) 5% tendered value of Estimated Cost Put to Tender (ECPT) (whichever is higher). b) Where the tendered amount is less than eighty percent (80%) of the Estimated Cost Put to Tender (ECPT), the Performance Guarantee, in addition to the requirement under (a) above, shall be increased by an amount equal to the difference between eight percent (80%) of the ECPT and the tendered amount.
iv)	Security Deposit	2.5% of tendered value (to be released after One year of Defect Liability Period) Plus 50% of stipulated P.G (to be released every year in proportionate manner)

SCHEDULE 'F'

General Rules & Directions:

Officer inviting Tender		:	Executive Engineer (E),CCW, AKASHVANI, PB (IPSB), Mumbai-20
Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 and 12.3		:	As per Clause 12
Definitions :			
2(v)	Engineer-in-Charge	:	Executive Engineer (E),CCW, AKASHVANI, PB (IPSB), Mumbai-20
2 (viii)	Accepting Authority	:	Executive (E), CCW AKASHVANI Mumbai / Superintending Engineer (E), CCW AKASHVANI Nagpur
2 (x)	Percentage on cost of materials and labor to cover all overheads and profits	:	15%
2 (xi)	Standard schedule of Rates	:	CPWD DSR 2025 with amendments up to last date of submission of Bid
2 (xii)	Department	:	Civil Construction Wing, Akashvani

9 (ii)	Standard CPWD contract form	:	Standard CPWD contract Form GCC 2023 Maintenance works , CPWD form 7 (Percentage rate) as modified and corrected up to previous day of the last date of submission of tender
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Clause 1

Time allowed for submission of Performance Guarantee from the date of issue of letter of acceptance, Program Chart (Time and Progress) and applicable labor licenses, 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.	:	05 days

Clause 2

Authority for fixing compensation under clause – 2	:	Superintending Engineer (E) Civil Construction Wing, Akashvani, Nagpur
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Clause 2A

Whether Clause 2A shall be applicable	:	YES / NO
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Clause 5

Number of days from the date of issue of letter of acceptance for reckoning date of start	:	07 (Seven) Days
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MILE STONE (S) AS PER TABLE GIVEN BELOW

Table of Milestone (s)

Sr. No.	Description of Milestone (Physical)	Time allowed (from date of start)	% Amount of tendered cost to be with held in case of non-achievement of milestone
1			
2			
3			
4			

Time allowed for execution of work	:	12 (Twelve) Months
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Authority to Decide:

1. Extension of time	:	Executive Engineer (E), CCW, AKASHVANI, PB (IPSB), Mumbai-20
2. Rescheduling of mile stones	:	Executive Engineer (E), CCW, AKASHVANI, PB (IPSB), Mumbai-20
3. Shifting of date of start in case of delay in handing over of site	:	Executive Engineer (E), CCW, AKASHVANI, PB (IPSB), Mumbai-20

Clause 6

Applicable

Computerized Measurement Book

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.	:	Quarterly Basis
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Clause 7 A

Whether Clause 7A shall be applicable. No running account bill shall be paid for the work till the application labour licenses, registration with EPFO, ESIC and BOCW welfare board which ever applicable are submitted by the contractor to the Engineer-in-Charge..	:	Yes/No
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Clause 8 A

Authority to decide compensation on account if contractor fails to submit completion plans	:	Engineer-in-Charge
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Clause 10 A

List of testing equipment to be provided by the contractor at site lab.	:	As per instruction of Engineer-in-charge & requirement of work
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Clause 10-B(ii)

Whether clause 10-B(ii) shall be applicable	:	No
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Clause 10-C.

Component of labour expressed as percent of value of work	:	20%
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Clause 10 CA**Applicable/Not Applicable**

S. No	Materials covered under this clause	Nearest material (other than cement, reinforcement bars and structural steel) for which All India Wholesale price index to be followed	Base price of all the materials covered under clause 10CA
1			
2			
3			

Clause 10CC

Clause 10CC to be applicable in contracts with stipulated period of completion exceeding the period shown in next column.	:	More Than 12 Months
Schedule of component of other Materials, Labour, POL etc. for price escalation.	:	Not Applicable

Component of civil (Except materials covered under clause 10 CA)/ Electrical construction materials expressed as percent of total value of work.	X	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	:	CPWD General Specification for Elect. Works- Part-I /II/III/IV/V/VI with amendments up to last date of submission of Bid and additional commercial & technical conditions attached.
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Clause 12

Authority to decide deviation up to 1.5 times of tendered amount : Engineer-in Charge

Type of Work	:	ORIGINAL/MAINTENANCE
12.2(c)		
(i) Deviation limit beyond which clauses 12.2 (c) shall apply for foundation work (except earth work)	:	100% or No Limit
(ii) Deviation Limit for items in earth work sub head of DSR or related items	:	Not applicable

Clause 16

Competent authority for deciding reduced rates	:	Superintending Engineer (E) Civil Construction Wing, Akashvani, PB(PSB),Nagpur
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Clause 18

List of mandatory machinery, tools & plants to be deployed by the contractor at site.	:	As per requirement at site
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Clause 19C

Authority to decide penalty for each default Clause	:	Engineer-in Charge
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Clause 19D

Authority to decide penalty for each default Clause	:	Engineer-in Charge
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Clause 19G

Authority to decide penalty for each default Clause	:	Engineer-in Charge
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Clause 19K

Authority to decide penalty for each default Clause	:	Engineer-in Charge
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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.
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Clause 25

Constitution of Dispute Redressal Committee (DRC) for all claims in dispute

Chairman-	:	Superintending Engineer (E), CCW, AKASHVANI, Nagpur
Member-1	:	Executive Engineer (E), CCW, AKASHVANI, Nagpur
Member-2	:	Surveyor of works (E), CCW, AKASHVANI, Nagpur

Clause 32**Requirement of Technical Representative(s) and recovery Rate**

Cost of work (Rs. in crores)	Requirement of Technical Staff		Minimum experience (Years)	Designation Technical staff	Rate at which recovery shall be made from the contractors in the event of not fulfilling
	Qualification	Number (of Major + Minor component)			
More than 15 lakh to 1.5 crore	Graduate Engineer or Diploma Engineer (E&M)	1 of major component	2 or 5 respectively	Project Manager Cum planning/ quality/ site/ billing Engineer	₹. 30,000/- per Month per person

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 company can be treated at par with Graduate Engineers for the purpose of such deployment subject to the condition that such diploma holders should not exceed 50% of requirement of degree engineers.

Clause 38

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

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

Details of Independent External Monitors:

Name/ Designation	Email
Shri Alope Prasad, IPS (Retd.)	alokewa@gmail.com
Shri Rakesh Kumar Verma	rakeshkumarverma@hotmail.com

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

(Guarantee offered by Bank to CCW AIR 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 (Electrical) CCW AIR Mumbai on behalf of the President of India (hereinafter called "~~The Government~~") has invited bids under NIT No.05/SEE/NGP/NIT/CCW/2026-27 for "~~ARMO Electricals works at NFAI-NFDC at PUNE for 2026-27.(Sub Head:- Comprehensive Maintenance of Electrical Installation, Operation of water supply pump sets and Maintenance of Sub-Station at NFAI Ph- I & II and Staff quarters.)~~". The Government has further agreed to accept irrevocable Bank Guarantee for Rs. (Rupees only) valid up to (date)*..... as Earnest Money Deposit from..... (Name and address of contractor) '.....', (hereinafter called "the contractor") for compliance of his obligations in accordance with the terms and conditions of the said NIT.

OR

1. Whereas the Executive Engineer (Electrical) CCW AIR Mumbai on behalf of the President of India (hereinafter called "The **ARMO Electricals works at NFAI-NFDC at PUNE for 2026-27.(Sub Head:- Comprehensive Maintenance of Electrical Installation, Operation of water supply pump sets and Maintenance of Sub-Station at NFAI Ph- I & II and Staff quarters.)**The Government has further agreed to accept irrevocable Bank Guarantee for Rs..... (Rupees only) valid up to..... (Date)*..... as Performance Guarantee/ Security Deposit/Mobilization Advance from..... (Name and address of contractor) "....." (Hereinafter called "the contractor") for compliance of his obligations in accordance with the terms and conditions of the said NIT.
2. We _____ (Bank) _____ (hereinafter referred to as "the Bank") hereby undertake to pay to the Government an amount not exceeding Rs. _____ (Rupees _____ only) on demand by the Government.
3. We _____ (Bank) _____ do hereby undertake to pay the amounts due and payable under this Guarantee without any demure, merely on demand from the Government stating that the amount claimed is required to meet the recoveries due or likely to be due from the said contractor(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, the said bank further undertake to pay to 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 thereunder and the contractor(s) shall have no claim against us for making such payment.
5. We _____ (Bank) _____ further agree with the Government that the Government shall have the fullest liberty without our consent and without effecting in any manner our obligations 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 for-bear 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 for-bearance, 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 _____ (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 _____ (Bank) _____ lastly undertake not to revoke this guarantee except with the previous consent of the Government in writing.
9. This guarantee shall be valid up to _____ unless extended on demand by Government. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs. _____ (Rupees _____ only) and unless a claim in writing is lodged with us within six months of the date of expiry or the 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

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

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

TERMINATION OF CONTRACT ON DEATH

Without prejudice to any of the rights or remedies under this contract if the contractor dies, the Divisional Officer on behalf of the President of India shall have the option of terminating the contract without compensation to the contractor.

Whenever any claim, against the contractor from the payment of sum money arises out or under the contractor, Government shall be entitled to recover such by appropriating. In part or whole, the security deposit of the contractor and he shall any Government promise notes, etc. forming the whole or part of such security. In the event of the security being insufficient or if no sum recoverable as the case may be shall be deducted from any sum then due which at any time. where after may become due from the contractor under this or any other contract with Government should this sum be not sufficient to cover the full amount recoverable the contractor shall be to Government on demand the balance remaining due.

Government shall have the right to cause any audit and technical examination of the works and the bill of the contractor including all supporting vouchers, abstracts etc. to be made after payment of the final bill and if as a result of such audit and technical examination any sum is found to have been overpaid in respect of any work done by him under contract and found not to have been executed the contractor shall be liable to refund the amount cover the same from him the manner prescribed in sub-clause(1) of this clause or in any other manner legally permissible and if as result of audit and technical examination it is found that the contractor was paid less than that was due to him under if the amount of such under payment shall be fully paid by the Government to the contractor.

Provided the Government shall not entitled to recover any such overpaid, nor the contractor shall be entitled to payment of any such paid short where as payment has been agreed upon between the Superintending Engineer or Executive Engineer on the one hand and the contractor on the other hand under any term of the contract permitting payment of work after assessment by the Superintending Engineer or the Executive Engineer.

EXECUTIVE ENGINEER (ELECT)

ADDITIONAL CONDITIONS OF WORK

1. Contractor should visit the site and acquainted themselves about entire system before quoting their rates. The agency should quote their rates for shift duty.
2. Complaints will be lodged by the individual offices through complaint register. They will be allotted by the department, as per the existing and revised guidelines issued if any by the Department, to the contractor.
3. The timelines for attending to and rectifying the complaints to the satisfaction of the occupant are given below. The contractor shall strive to complete the task earlier than these timelines:
 - I. No power (emergency) – 6hours
 - II. Minor (faulty switches etc.) 3days
 - III. Major repairs (internal wiring) – 30days
 - IV. Periodic (Cleaning Electrical installations, all types fans etc.)—as per schedule

These timelines can be changed by the Department through a policy decision and that shall be binding on the contractor.

4. Payment will be made for the quoted rates as follows.

The value of 1(one) will be multiplied with number of complaints attended within bench mark time limit (green band) proportionately with overall complaints lodged in a month.

The value of 0.5 (zero point five) will be multiplied with number of complaints attended within moderate delay (100% of benchmark time limit) (yellow band) proportionately with the overall complaints lodged in a month.

The value of 0 (zero) will be multiplied with number of complaints attended beyond moderate delay (100% of benchmark time limit) (red band) proportionately with overall complaints lodged in a month.

For example if 125 complaints are lodged in a month and if 100 complaints are attended within benchmark time (green band), 15 complaints are attended within moderate delay of 100% of benchmark time limit (yellow band) and 10 complaints are attended beyond moderate delay (red band) considering the month as One Unit Measurement will be made as 1 Month X [(1 x100/125) + (0.5x15/125) + (0x10/125)] = 1 x [0.80 + 0.06 + 0.0]=0.86 Month.

Definition of Bands

Green Band means complaints attended within the period mentioned in Para 3(I),

Yellow Band means complaints attended within twice the period mentioned in Para 3(II)

Red Band means complaints attended beyond twice the period mentioned in Para 3 (III)

~~This is subject to materials being arranged by the department, if any.~~

In the above calculation the symbol x denotes multiplication, + denotes addition and / denotes division. In addition, a penalty of Rs.200 per complaint per month in the red zone will be levied

Note: If any complaint remains unattended in previous month, the same shall be carried forward for next month and will be considered for above calculations again for that month.

5. The agency has to deploy following staff: -

7 AM to 3 PM	2 PM to 10 PM	General Shift
		Wireman cum Operator-1 No Each at Phase-1 and Phase-2. Khallasi- 1 No at Phase-2. Khallasi -01 No at Phase-1 DEO/BMS Operator- 01 No

6. In case labour of the contractor fails to attend the duty, the contractor shall have to make suitable arrangement. If contractor fails to do so recovery at the following rates will be done from the contractor's bill.
 - Data Entry Operator @ Rs. 1500/- per shift per person.
 - Wireman /Operator /Mechanic @ Rs. 1500/- per shift per person
 - Khallasi @ Rs1200/- per shift per person.
7. The scope of work is proposed to provide general service maintenance and operational services for Internal & External Electrical Installations and specialized E&M installations. The contractor by deploying suitable skilled manpower for maintenance, manning & supervision shall ensure efficient maintenance of the system. The contractor shall therefore,

- undertake periodic preventive maintenance as per standard trade practice & manufactures recommendation
8. The tendered rates should be inclusive of all taxes, CGST, SGST, Labor Cess etc., the rates quoted by the contractor shall be firm & final. Nothing extra will be paid on this account.
 9. Any labour dispute shall be taken care by the agency themselves.
 10. Nothing extra shall be paid on account of travel expenses to persons engaged by the contractor.
 11. The contractor shall be bound to carry out the work including but not limited to applicable clauses of CPWD Maintenance Manual 2023 (amended up to date), Central Electricity Act 2003 and CPWD specifications
 12. In case any major defects or abnormalities are found in the system during checking they should be reported to the Engineer-in-Charge.
 13. The contractor shall engage his/her own labour and shall not outsource. Any claims such as their permanency etc. raised by the workers engaged for this work is to be settled by the contractor himself and Department shall not be responsible. In case of any accident the Department cannot be held responsible for the same. The contractor should have adequate insurance for the workers against such exigencies. The contractor shall ensure that all safety norms and procedures are followed diligently by his staff
 14. This contract includes the emergency services excluding natural calamities whenever required after contract time; nothing extra shall be paid on this account.
 15. The installations shall be maintained on all days of the month including Sundays & holidays. However weekly off shall be given as per Labour and relevant laws. The contractor shall make alternate arrangement for maintenance staff for these days. No extra payment shall be made for these alternate arrangements.
 16. The staff of the contractor shall maintain logbooks, maintenance records and registers that will be supplied by the contractor.
 17. The Engineer-in-Charge has the right to remove/ terminate the services of any worker without assigning any reason. Even the contract can be terminated at any time without assigning any reason, before the completion period of the contract. The contractor shall have no claim on such occasion
 18. The workers shall be deployed in shift duty as per requirement of the Department at the discretion of the Engineer-in-charge. Any change of schedule (without altering the total numbers vide Para 5 above) as directed by the Engineer in charge in respect of chart above shall be applicable.
 19. If the behavior of a worker is not found satisfactory, i.e. misbehavior with Department staff, occupants of quarters, office or the general public, the contractor has to change the labour within 3 days, failing which, the Engineer-in-Charge has the power to cancel the contract, and the contractor shall have no claim of compensation. Any legal issues arising out of the behavior, words and deeds of the staff of the contractor shall be the responsibility of the contractor.
 20. Payment will have regulated preferably on monthly basis subject to production of attendance statement of staff deployed with their designation and EPFO Acct & ESI card no. (If registered with ESI & EPFO) along with monthly payment statement for the relevant period.
 21. The staff should wear set of uniforms and badges (Nameplate) to be supplied by the contractor.
 22. The wages paid to the labour engaged by the contractor shall be not less than those required as per the Minimum Wages declared by the Concerned Labour Commissioner from time to time.
 23. Safety of the staff employed will be the responsibility of the contractor who must ensure the safety of the staff adequately. This office will not be responsible for any mishap, injury/ death of the staff. Any claim raised out shall be the responsibility of the contractor for the existing.
 24. The contractor will maintain attendance of the staff which shall be maintained through a register or through a biometric system that can generate the attendance report as decided by the Engineer-in-charge. It will be checked by the Junior Engineer/Ex. Engineer (E).
 25. All the equipment and installations shall be maintained in neat and clean condition.
 26. The watch and ward of installations shall be the responsibility of the contractor. Up keep and maintaining all switch rooms, service rooms etc. including daily sweeping shall be in the scope of this work.

27. The scope of work includes comprehensive maintenance of installations including the works such as over hauling/ rewinding of fans /exhaust fans/ Bearings of fan/ fixtures, repair/replacement of switch gears, boards, and accessories, or any other minor/ major repair for which part of the machine, installations, is to be sent out for repair/testing, shall be arranged by the contractor. The decision of the Engineer-in-Charge shall be final and binding.
28. The replacement shall be only at the discretion of Engineer-in-charge.
29. Any damage caused to the fittings/ switch gears/ installations/ machinery as a result of execution of this work shall have to be made good by the contractor at his own risk and cost.
30. The contractor shall submit the name, proof of address (Aadhar card) address & character certificate from a responsible person for the worker/ staff employed by them at the site of work to the Engineer-in-Charge before start of the work.
31. The contractor shall submit the attested photocopy of wireman/ electrician license & show the wireman's license in original of wireman employed by them to the Engineer-in- Charge before the start of the work.
32. The staff deployed by the contractor should have a minimum two years of experience in the trade.
33. The contractor has to arrange within the tendered cost, all the material like detergent, cloth, soap bar, duster, fasteners (like screws, bolts, nuts), phenolic laminated sheet, MS boxes for mounting switches and sockets, bus bars and inter connections in panels, ammeter, voltmeter, PVC conduits, PVC glands, clamps of all sizes, wooden board for mounting meters, fuse wire, insulation tape, electrical wiring, telephone wiring, call bell, thimbles, lugs, porcelain fuse cut outs, GI and copper bare conductor for earth, HRC fuses, miniature circuit breakers, isolators, residual current circuit breakers, industrial sockets, enclosures for MCBs, MCB distribution board, RJ 11 sockets, RJ 45 sockets, switches & sockets, tube light holders, lamps, choke, regulators, fan bearings, LED Drivers, heat sinks, all other replaceable parts of LED fittings, condenser, igniters, starters, cement and sand required for fixing boxes or conduits, ceiling rose/connectors etc. and all other consumable material required for maintenance of internal electrical installations in the GPOA campus. Replacement of lamps inside the quarters is not in the scope of the work. However, replacement of lamps for street lights, common areas like stair cases, common scooter sheds and utility buildings like electrical rooms, pump rooms have to be done by the contractor within the tendered cost.

Preventive maintenance

The following preventive maintenance works shall be scheduled once during the currency of the contract and in consultation with the Engineer-in-charge and this should be carried out in such a way that there is least hindrance to the occupants

- a) Earth test of all earth electrodes
- b) Insulation test of the wiring installations as decided by the Engineer-in-charge once during the contract period
- c) Checking of stability of ceiling fans including replacement of cotter pins, checking of tightness of bolts, nuts and screws of fan blades.
- d) Insulation test of all UG cables in the installation including cables handed over by BEST to CCW for maintenance.
- e) Preventive checks in all LT panels viz – insulation test, cleaning of contacts, calibration of relays and checking of tightness of all fasteners. Rising mains shall also be included if available at site. ACBs, relays, switches and MCCBs in panels shall be checked by an authorized service agent of OEM/ specialized agency and reports submitted.
- f) Preventive checks in all metering panels viz. checking wiring for loose connections, if any. Electricity consumption meter is the property of BEST and hence excluded from these tests.

Street lights

Street lights in the campus shall be maintained including replacement of all accessories in the luminaries and loop in, loop out boxes to ensure that 95% of the street light glow at any given point of time. Out of the remaining 5% of poles no two consecutive streetlights should be non- operational. The faulty street lights shall be rectified within 24 hours. Repairs and replacement of time switch and associated switches in the street light timer panel shall part of the work for which no extra payment will be made.

Replacement of cables, providing joints for cables in the street light circuits shall be paid separately.

Further the gist of the installations to be maintained by the contractor are enumerated, the list is indicative and not exhaustive.

- a) Light points/ Fan pts/ Exhaust fan point. /Call bell points
- b) 5 amp power plugs
- c) 15 amp power plugs
- d) 20 amp Ind. Power plugs
- e) Fluorescent/ CFL light fittings /LED fittings
- f) All type of light fittings
- g) Ceiling fans
- h) Exhaust fans
- i) Call bells
- j) SP, SPN, TP&/TPN MCBDB's with MCB's
- k) TP&N Switch units. SDFU of various capacities
- l) TP/ TPNMCCBs of various capacities
- m) Street lights and compound lights with HPSV /Metal Halide/CFL/LED fittings, control gears, etc.
- n) All type of feeder pillars with switch gears etc.
- o) LT UG cables for street lights, pump rooms etc.

Electrical Complaints to be attended (Indicative purposes only)

S. No	Category	Complaint
1	Emergency	Leakage of Current
2	Emergency	No power (Inside Room)
3	Emergency	No Power (Portion of Building)
4	Emergency	No Power (Portion of Section)
5	Emergency	Out Break of Fire
6	Emergency	Sparking/Short Circuit
7	Minor	Bell faulty
8	Minor	Bulb Holder Faulty
9	Minor	Lamp Shades to be changed
10	Minor	MCB Malfunctioning
11	Minor	Regulator faulty
12	Minor	Replacement of Bulb
13	Minor	Replacement of CFL
14	Minor	Replacement of Tube
15	Minor	Socket/Switch Faulty
16	Minor	Tee/Inspection Box Covers required
17	Minor	Tube not working
18	Minor	Ceiling Fan Faulty
19	Minor	Exhaust fan faulty
20	Minor	Exhaust Fan Louvers required
21	Minor	Gate light faulty
22	Minor	Geyser faulty
23	Minor	Refrigerator Faulty
24	Minor	Water Cooler Faulty
25	Minor	Water Pump set Faulty
26	Minor	Lobby/Corridor Light Faulty
27	Minor	Staircase/Common area Light repair
28	Minor	Street/Compound Light Faulty
29	Major	Wiring to be changed
30	Major	Ceiling Fan to be changed
31	Major	Exhaust Fan to be changed
32	Periodic	Cleaning Electrical installations, fans etc.

CONTRACTOR

EXECUTIVE ENGINEER (E)
CCW, AV, MUMBAI.

Monthly report to be prepared and submitted for
ascertaining the measurements

Name of work:	ARMO Electricals works at NFAI-NFDC at PUNE for 2026-27.(Sub Head:- Comprehensive Maintenance of Electrical Installation, Operation of water supply pump sets and Maintenance of Sub-Station at NFAI Ph- I & II and Staff quarters.)		
Agency	M/s		
Agreement No			
Period			
a)	No of complaints received during the Period		
b)	No of complaints attended within bench mark time	Green Band	
c)	No of complaints attended within moderate delay (twice the bench mark time)	Yellow Band	
d)	No of complaints attended beyond moderate delay (beyond the twice of the bench mark time)	Red Band	
Water Pump operation	Whether attended in full Yes or No		
	Measurement for the Month= 1 Month X [(1 x No of complaints attended in Green Band/No of complaints received during the Period) + (0.5xNo of complaints attended in Yellow Band/No of complaints received during the Period) + (0xNo of complaints attended in Red Band/No of complaints received during the Period)] =		Month

AE (E)

List of Acceptable makes

A)	PVC insulated FRLS copper Conductor single core Cable/XLPE 1.1 KV grade armoured cables	:	Polycab / RR Cable / Avocab / Bin Cab / Havells / Finolex or any ISI marked
B)	Modular Accessories	:	Roma-Anchor / MK-Wraparound / Legrand / Spectra-Presium / Philips
C)	PVC Conduit/Trunking	:	Precision / Mihir / Modi / Press Fit/Diamond/ Legrand
D)	Telephone TV Wire	:	Finolex / Delton / Havells / Polycab
E)	Exhaust Fan	:	Bajaj / Almonard / Khaitan / Usha
F)	Ceiling Fan	:	Usha / Bajaj / Khaitan / Orient/ Havells
G)	Wall Bracket/Streetlights/ LED fittings	:	Decon / Jilco / Jimco/ Havells/ Bajaj/ Philips/Wipro/Syska
H)	MCB's & MCB DB's	:	Havells / Standard / ABB / HPL / L&T / Legrand / Indo Kopp / EE/ Indoasian
I)	Energy Meters	:	HPL / Schneider / Secure / Conzerv/ L&T/ Rishabh/ Trinity / Elmeasure
J)	Switch Gears	:	HPL / L&T / Havells / EE / Schneider / Indoasian
K)	Capacitor Banks	:	Schneider / Prabodhan / Subhodhan / Mihir / L&T / BCH
L)	Panel Meters	:	L&T / Havells / HPL / AE / Schneider / Secure / Conzerv/ Rishabh/ Trinity / Elmeasure
M)	LED fittings	:	Havells/ Philips/ Bajaj/ HPL/ Syska/Crompton/Wipro/Luker
N)	Split AC Units	:	(Condenser and Evaporator coil shall be of Copper Only) Carrier/ Daikin/ Voltas/ Blue star/ Lloyd/ Panasonic/ Mitsubishi
O)	Water supply Pump sets	:	Crompton/Kirloskar/Beacon/KSB/CRI
P)	M.S./G. I. Pipes	:	TATA/JINDAL/MSL/PRAKASH/SWASTIK or any ISI marked
Q)	Valves	:	AUDCO/Kirloskar/Sant/Zoloto/ or any ISI marked

CONTRACTOR

EXECUTIVE ENGINEER (E)
CCW, AV, MUMBAI.

SCHEDULE OF BID					
NIT Number: 05/NIT/SEE/CCW/NGP/2026-27					
Name of work:- ARMO Electricals works at NFAI-NFDC at PUNE for 2026-27.(Sub Head:- Comprehensive Maintenance of Electrical Installation, Operation of water supply pump sets and Maintenance of Sub-Station at NFAI Ph- I & II and Staff quarters.)					
S N	Description	Qty	Unit	Rate	Amount
	NFAI Ph-I (Law College Road) & Staff Quarters (Ganeshkhind Road)				
1.0	Carrying out Day to day Annual comprehensive maintenance of internal electrical installations approximate Built Up Area of 6165.95 Sq. Mtrs (out of which 4524.19 Sq.Mtrs Non residential aera at NFDC-NFAI HQ and 1623.76 Sq.Mtr. of residential area located at AIR Staff Quarter premises) with sufficient manpower as required including including collection of water from PMC in sump Tank and operation of water supply pump sets as per requirement, and attending the rescue of trapped passengers in the Lifts installed in the buildings and to operate the lifts during VIP visits, noting down the complaints, and attending to them by replacement of accessories like switches, sockets, ceiling fan condenser, fan regulator, capacitors, ballast, LED Drivers, holders, miniature circuit breakers, MCCB, isolators, residual current circuit breakers, industrial sockets, MCB distribution boards, thermostat /coils in geyser units, repairs to ceiling fans by rewinding, replacement of bearings, shaft etc. including all types of fittings, DB's, LT panel boards, feeder pillars, street lights, compound lights, gate lights, pumps and associated wiring and cables inside the campus including supply and replacement of fuses (HRC & Rewirable), bolts, nuts, cable end terminations, damaged PVC sleeves, testing etc. in total all electrical installations, taking acknowledgement from the occupant assisting the Department in updating data etc.,as required.	12	Month	83,801.00	10,05,612.00
	NFAI Ph-II (Kothrud)				

2.0	Carrying out Day to day Annual comprehensive maintenance of internal electrical installations approximate Built Up Area of 5867.55 Sq. Mtrs (Office Block- 1450.43, Auditorium - 327.17, Sevice Block-986.04, Vualt Block-2537.64, Temporary Shed-351.0 and Nitrate Film Vaults-215.27 SqMtrs) with sufficient manpower as required including collection of water from PMC in sump Tank and operation of water supply pump sets as per requirement, and attending the rescue of trapped passengers in the Lifts installed in the buildings and to operate the lifts during VIP visits, noting down the complaints, attending to them by replacement of accessories like switches, sockets, ceiling fan condenser, fan regulator, capacitors, ballast, LED Drivers, holders, miniature circuit breakers, MCCB, isolators, residual current circuit breakers, industrial sockets, MCB distribution boards, thermostat /coils in geyser units, repairs to ceiling fans by rewinding, replacement of bearings, shaft etc. including all types of fittings, DB's, panel boards, feeder pillars, street lights, compound lights, gate lights, pumps and associated wiring and cables inside the campus including supply and replacement of fuses (HRC & Rewirable), bolts, nuts, cable end terminations, damaged PVC sleeves, testing etc. in total all electrical installations, taking acknowledgement from the occupant assisting the Department in updating data etc.,as required.	12	Month	86,237.00	10,34,844.00
	Maintenance of Sub Station Equipment's				
	Routine & Preventive Maintenance at Phase - I				
3.0	Overhauling & Servicing of HT 11 KV VCB as per the maintenance schedule as mentioned below and as per the manufacturer's recommendations, cleaning all indoor portion checking all accessories, replacing of minor defective parts, including disconnecting, dismantling Refitting in the panel restoring the supply in safe manner etc. as required.	3	Each	50,301.00	1,50,903.00
a	Overhauling of 11 KV panel mainly comprising of breaker module, closing, tripping and spring charging test.				
b	Testing of Over current & Earth Fault relays for each feeder.				
c	Testing of Trafo; Aux. relays for each feeder.				
d	Testing of Current transformer (CT) by Primary and Secondary Injection				

	method.				
e	Testing of Potential transformer (PT) by Primary and Secondary Injection method.				
f	Testing of control circuits.				
g	Checking of Tripping circuit/ system; correcting the same.				
	(Note: Servicing warranty to be provided for a period of 1 (One) year.)				
4.0	Calibration of Microprocessor based relays in 11 KV, VCB panel including auxiliary relay, earth fault relay, over current relay, testing and cleaning etc. as required.	3	Each	8,170.00	24,510.00
	(Note: Calibration warranty to be provided for a period of 1 (One) year.)				
	Routine & Preventive Maintenance at Phase - II				
5.0	Overhauling and servicing of HT 22 KV 4 pole structure comprising of GOD, lightening arrester, fuses etc restoring the supply in safe manner etc as required.	1	Job	6,401.00	6,401.00
6.0	Painting of HT 22 KV 4 pole structure alongwith Aluminium paint and redoxide primer by scrapping the structure etc restoring the supply in safe manner etc as required.	1	Job	15,235.00	15,235.00
7.0	Overhauling & Servicing of air circuit breaker up to 800 amps, 440 volts, 3 phase including testing with following scope of works etc. as required.	8	Each	8,170.00	65,360.00
	Phase I = 5 Nos, Phase II = 3 Nos				
a	(I) Dismantling the breaker except the MSW mechanism				
	(II) Cleaning of component with petrol & contacts with CRC, removing old greaser & dust from racking roller & earth knife				
	(III) Changing the damaged / rusted parts				
	(IV) Re-assembling the breaker				
	(V) Tightening the fasteners of the mechanism & back panel				
b	Check condition of arcing contact and gap between fixed and moving arcing contacts, Checking the reset mechanism, tripping of breaker through push button, Checking tripping of ACB through protection release, Tripping of ACB manually through volt metric release. Checking and adjust freeness of release trip rods, Checking presence and proper tightening of hardware. Checking presence of all cir-clips ,Checking condition of ACB wiring and replacing if required Checking proper closing of all poles together, Checking alignment of SIC and it's operation Checking scraping earth alignment				

	Checking condition of arc chute, Checking and alignment of U/V release, Checking ACB tripping through shunt release, Checking of spring charging operation., Checking of resetting operation.				
c	Setting:				
	(I) Set contact gaps				
	(II) Set pull rod				
	(III) Set trip rod				
d	(I) Lubricating the inner mechanism rollers & other linkages				
	(II) Applying grease for solid racks , racking roller & earth knife				
	(III) Apply petroleum jelly on cluster contacts				
8.0	Filtration of transformer oil up to satisfactory dehydration, acidity test & high voltage test of following transformers including servicing, checking & tighten of HT & LT connections, Meggering the HT & LT (Primary & secondary) cables, insulation test of transformer Overall testing of all protection systems complete etc. as required.				
8.1	500 KVA (Oil - 400 + 400 Ltrs) Phase - I	800	Ltr	35.00	28,000.00
8.2	315 KVA (Oil - 550 + 475 Ltrs) Phase - II	1025	Ltr	35.00	35,875.00
9.0	Topping of new transformer oil to all 4 nos transformer up to satisfactory level etc.	300	Ltr	164.00	49,200.00
10.0	Rectifying of leakage of oil from core body at terminal block of transformer by replacement of necessary size gasket packing's, welding at conservator , checking of Buchholz relay further testing & rectification of all miner leakages complete etc. as required.	4	Job	17,953.00	71,812.00
11.0	Supplying & fixing of Silica gel container along with silica gel for breather of transformers.	4	Each	1,028.00	4,112.00
		Total Rs.			24,91,864.00

NAME OF THE CONTRACTOR/FIRM					
Sr. No	Name of Component	Estimated cost (in Rs)	Above or Below or at Par	% In Figures	Total Cost
1	2	4	5	6	7
1	ARMO Electricals works at NFAI-NFDC at PUNE for 2026-27.(Sub Head:- Comprehensive Maintenance of Electrical Installation, Operation of water supply pump sets and Maintenance of Sub-Station at NFAI Ph- I & II and Staff quarters.)	₹ 24,91,864.00			₹ 0.00
	Total Amount				₹ 0.00

Note:

Annual Comprehensive Maintenance for subsequent years shall be carried out 100 % Hundred Percent) of Items of Schedule of work for the NIT and annual enhancement in AMC rates shall be 6 % (Six Percent) of that rate on chargeable basis for the balance period i.e.: 2nd Year 100% of (X) x 1.06 3rd Year 100% of (X) x (1.06)², as per Schedule of work and terms & conditions through separate agreement on chargeable basis

Executive Engineer (E)
CCW, Akashvani, Mumbai