

SECTION-I	PRESS NOTICE	
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NOTICE INVITING e-TENDER

The Hospital Engineer (Electrical), PGIMER Chandigarh invites on behalf of the Director PGIMER Chandigarh **Online Percentage rate bids** from the Specialized agencies dealing in Substation works on two bid system (Eligibility cum technical & Financial Bid) for the following work :-

1.	NIT No.	PGI/Engg./Elect./2026-27/06
2.	Name of work	Annual Preventive Maintenance of 11KV Substation installed at Nehru Hospital Extension Block, PGIMER, Chandigarh
3.	Estimated cost	Rs. 9.83 Lakh
4.	Earnest Money	Rs. 19,660/-
5.	Period of Completion	12 Month
6.	Last date & time for submission of bid	22.05.2026 at 11:00 AM
7.	Last date & time for submission of Original EMD	23.05.2026 at 10:30 AM
8.	Date & time for opening of Eligibility cum Technical bid.	23.05.2026 at 11:00 AM
9.	Date & time for opening of Financial bid	To Be Declare later

The Original EMD or EMD exemption certificate for MSE/MSME as scanned & uploaded shall be deposited physically by all the intending bidders in the office of H.E. (Electrical) as per above schedule failing which the bid shall be treated as invalid.


The MSME firms registered in NSIC under PP policy are exempted from payment of EMD for goods and services only

The tender forms and other details can be obtained from the website: <https://eprocure.gov.in/eprocure/app> and official website of the PGIMER www.pgimer.edu.in. Press notice is also available on www.eprocure.gov.in. The Contractors are requested to get their firm registered on the website <https://eprocure.gov.in/eprocure/app> for participating in e-tendering process (Helpdesk no. 0172-2755806, 2755843, email id:- electricaldivisionpgi@gmail.com).

SECTION-II	CHECK LIST	
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CHECK LIST FOR CONTRACTORS FOR SUBMISSION OF TENDERS ONLINE:

1. THE FIRM MUST UPLOAD THE NECESSARY DOCUMENTS AS MENTIONED IN LIST OF DOCUMENTS TO BE SCANNED AND UPLOADED WITHIN THE PERIOD OF BID SUBMISSION AT PAGE 10 OF BID DOCUMENTS.
2. TENDER TO BE WITNESSED AT SPECIFIED PAGE OF TENDERED DOCUMENTS AT THE TIME OF DRAWING AGREEMENT WITH THE SUCCESSFUL BIDDER.
3. THE TENDER / TENDERS CONTAINING CONDITIONS CONTRARY TO THOSE SPECIFIED IN THIS DOCUMENT SHALL BE SUMMARILY REJECTED.
4. THE INTENDING BIDDER SHALL QUOTE HIS PERCENTAGE RATE IN FIGURE ONLY. THE RATES IN WORDS, AMOUNT AND THE TOTAL IS GENERATED AUTOMATICALLY. THEREFORE, THE PERCENTAGE RATE QUOTED BY THE BIDDER IN FIGURES IS TO BE TAKEN AS CORRECT.
5. THE CONTRACTOR(S) SHALL QUOTE THE RATES KEEPING IN MIND, CPWD GENERAL CONDITIONS OF CONTRACT 2020 FOR MAINTENANCE WORKS UPLOADED ON THE WEBSITE OF PGIMER, SPECIAL CONDITIONS OF CONTRACT ETC.
6. IT MAY BE NOTED THAT IN THE PRESENT CONTRACT CLAUSE 10B (ii), 10C, 10CA & 10CC ARE NOT APPLICABLE.
7. IT WILL BE MANDATORY TO APPROACH DISPUTE REDRESSAL COMMITTEE (DRC) & CONTRACTOR OR DEPARTMENT CAN ONLY SEEKS ARBITRATION IF NOT SATISFIED WITH THE DECISION OF DRC.
8. ONCE THE BID UPLOADED BY THE BIDDER IS WITHDRAWN, HE WILL NOT BE ALLOWED TO RESUBMIT HIS BID, HOWEVER, HE CAN EDIT HIS BID ANY NUMBER OF TIMES BUT BEFORE LAST DATE & TIME OF SUBMISSION OF BID.

<u>SECTION-III</u>	<u>Form- 6 FOR</u> <u>e TENDERING</u>	
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1. Percentage rate bids are invited on behalf of the Director, PGIMER, Chandigarh from the Specialized agencies dealing in Substation works for the work of “**Annual Preventive Maintenance of 11KV Substation installed at Nehru Hospital Extension Block, PGIMER, Chandigarh.**”
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. 9.83 Lakh**. This estimate, however, is given merely as a rough guide.
- 1.2 Intending bidder is eligible to submit the bid provided he has definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority, of having satisfactorily completed similar works of magnitude specified below in last 7 years ending last day of month to one in which tenders are invited -
Three similar works each costing not less than **Rs. 3.90 Lakh** OR two similar works each costing not less than **Rs 5.90 Lakh** OR one similar work costing not less than **Rs 7.90 Lakh**.
(Similar work shall mean "Repair & Maintenance of minimum 11KV capacity substation")
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 last date of submission of bids.
- 1.3 Eligible contractors must also submit the proof of valid electrical license for execution of 11KV / HT works issued from U.T. Electricity Department / any state electricity boards/ Departments.
- 1.4 The bidders should have Valid GST No.
- 1.5 **To become eligible, the bidders shall have to furnish an affidavit on judicial stamp paper duly attested by a notary public or District magistrate as under:-**
 - That I/We undertake and confirm that eligible similar works(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I/we shall be debarred for bidding in PGI 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.
 - That I/We have not been blacklisted / debarred in any Govt. Deptts./ Boards/ Corporations/ Federations/ Agencies /any Autonomous Bodies in any State/ Central Government Departments etc. as on the date of submission of the bid in the present tender.
 - That he / she / Director(s)/Partners (s) of the proprietorship / firm / company / agency have never been convicted of any criminal offence.
 - That I/we also undertake that the particulars given by me are true and correct to the best of my knowledge & belief and nothing has been concealed thereof. I am aware that in case of any discrepancy / false statement if found, it will lead to rejection of my bid/tender and PGI will debar / blacklist proprietorship / firm / company / agency**(Scanned copy to be uploaded at the time of submission of bid) Affidavit prior to the date of publication of E-Tender notice shall not be considered**
- 1.6 It is presumed that all the bidders who have submitted the bid have gone through the entire bid documents including integrity pact and all the terms and conditions are acceptable to them.

2. Agreement shall be drawn with the successful bidders on CPWD General Conditions of Contract 2023 for Maintenance work which is available with the concerned Hospital Engineer and the bidders shall quote his rates as per various terms and conditions of the said form subject to the exclusions / modifications attached at page 24 which will form part of the agreement.
3. The time allowed for carrying out the work will be 12 **Month** 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. (i) The site for the work is available
OR
~~The site for the work shall be made available in parts.~~
(ii) ~~The architectural and structural drawing for the work is available.~~
5. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents except Standard General Conditions of Contract Form can be seen on website <https://eprocure.gov.in/eprocure/app> or www.pgimer.edu.in free of cost.
6. After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified.
7. While submitting the revised bid, contractor can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of bid as notified.
8. When bids are invited in three stage system and if it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted then the bid submitted earlier shall become invalid.
9. Earnest Money in the form of Demand Draft or Pay order or Banker's Cheque or Deposit at Call Receipt or Fixed Deposit Receipt (drawn in favour of Postgraduate Institute of Medical Education And Research, Chandigarh) shall be scanned and uploaded to the e-Tendering website within the period of bid submission.
A part of earnest money is acceptable in the form of bank guarantee also. In such case, minimum 50% of earnest money or Rs. 20 lac, whichever is less, shall have to be deposited in shape prescribed above, and balance may be deposited in shape of Bank Guarantee of any scheduled bank having validity for Two months or more from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders.
The original EMD or EMD exemption certificate for MSE/MSME as scanned & uploaded shall be deposited physically by all the intending bidders in the office of H.E. (Electrical) upto on 23.05.2026 at 10:30 AM failing which the bid shall be treated as invalid.
Copy of documents as specified in 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 highest scorer bidder 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 Earnest Money Deposit found in order.
The MSME firms registered in NSIC under PP policy are exempted from payment of EMD for goods and services only
The bid submitted shall be opened 23.05.2026 at 11:00 AM.
10. The bid submitted shall become invalid if:
 - (i) The bidder is found ineligible.
 - (ii) The bidder does not upload all the documents as 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) The intending bidder does not upload EMD declaration proforma.
 - (v) If a tenderer 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.
 - (vi) If tendered quotes 'Nil' Charges/Consideration, the bid shall be treated as unresponsive and will not be considered.
 - (vi) If a tenderer quotes 'Nil' charges/ consideration, the bid shall be treated as unresponsive and will not be considered
11. a) The contractor whose bid is accepted, will be required to furnish performance guarantee of 5% (Five Percent) of the tendered amount or Estimated cost put to tender (whichever is higher) within the period specified in Schedule F. This guarantee shall be in the form of 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 (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, registrations with GST, EPFO, ESIC and BOCW Welfare Board including Provident Fund Code No. if applicable and also ensure the compliance of aforesaid provisions by the sub contractor, if any engaged by the contractor for the said work and Programme Chart (Time and Progress) within the Period specified in Schedule F.

b) Where the tendered amount is less than eighty percent (80%) of the estimated cost put to tender (ECPT), in addition to the requirement under (a) above, shall be increased by an amount equal to the difference between eighty percent (80%) of the ECPT and the tendered amount

12. The description of the work is as follows:

Annual Preventive Maintenance of 11KV Substation installed at Nehru Hospital Extension Block, PGIMER, Chandigarh.

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 Director PGIMER 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 the Director PGIMER 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 Institute's Engineering Department (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 Hospital 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 Institute's Engineering Department. 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 or other officers employed in Engineering or Administrative duties in Engineering Department of the Institute is allowed to work as a contractor for a period of one year after his retirement from Institute's service without the previous permission of the competent authority in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found at any time to be such a person who had not obtained the permission of the competent authority as aforesaid before submission of the tender or engagement in the contractor's service.
18. The bid for the works shall remain open for acceptance for a period of Ninety (90) days from the date of opening of eligibility cum technical 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 Institute shall, without prejudice to any other right or remedy, be at liberty to take necessary action regarding suspension of contractor for one year and shall not be eligible to bid for PGIMER tenders from date of issue of suspension order against bidding contractor.
19. This Notice inviting bid shall form a part of the contract document. The successful bidder/contractor, on an 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 etc., if any, forming the tender as issued at the time of invitation of bid and acceptance thereof together with any correspondence leading thereto.
 - b) Standard Form 7/8 or other Standard Form as applicable.
20. **For Composite Bids (NOT APPLICABLE)**
 - 20.1.1 The Hospital Engineer in charge of the major component will call bids for the composite work. The cost of bid document 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 three components:

Part A: - Form 6, Form 7/8 including schedule A to F for the major component of the work, Standard General Conditions of Contract for CPWD 2020, exclusions / modifications attached at Page No. 25-28 alongwith amendments uploaded on the official website of the Institute.

Part B: - General / specific conditions, specifications and schedule of quantities applicable to major component of the work.

Part C: - Schedule A to F for minor components of the work (Hospital Engineer in charge of the major component shall also be competent authority under Clause 2 and Clause 5 as mentioned in Schedule A to F for major component), general / specific conditions, specifications and schedule of quantities applicable to minor components of the work.

- 20.1.3 The bidders must associate himself, with agencies of the appropriate class eligible to bid for each of the minor component individually.
- 20.1.4 The eligible bidders shall quote percentage rates for all items of major component as well as for all items of minor components of work.
- 20.1.5 After acceptance of the bid by competent authority, the Hospital Engineer in charge of major component of the work shall issue letter of award on behalf of the Director, PGIMER. After the work is awarded, the main contractor will have to enter into one agreement with Hospital Engineer in charge of major component and has also to sign two or more copies of agreement depending upon number of Hospital Engineer in charge of minor components. One such signed set of agreement shall be handed over to Hospital Engineer in charge of minor component. Hospital Engineer of major component will operate part A and part B of the agreement. Hospital Engineer in charge of minor component(s) shall operate part C alongwith part A of the agreement.
- 20.1.6 Entire work under the scope of composite bid including major and all minor components shall be executed under one agreement.
- 20.1.7 Security Deposit (PBG) will be worked out separately for each component corresponding to the estimated cost of the respective component of works.
- 20.1.8 The main contractor has to associate agency(s) for minor component conforming to eligibility criteria as defined in the tender documents and has to submit detail of such agency(s) to Engineer- in-charge of minor component within prescribed time. Name of the agency(s) to be associated shall be approved by Engineer-in-charge of minor component.
- 20.1.9 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 minor component. 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.
- 20.1.10 The main contractor has to enter into agreement with the contractor(s) associated by him for execution of minor component. Copy of such agreement shall be submitted to Hospital Engineer in charge of minor component as well as to Hospital Engineer in charge 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.
- 20.1.11 Running payment for the major component shall be made by Hospital Engineer of major discipline to the main contractor. Running payment for minor components shall be made by the Engineer-Incharge of the discipline of minor component directly to the main contractor.
- 20.1.12 (a) The composite work shall be treated as complete when all the components of the work are completed. The completion certificate of the composite work shall be recorded by Engineer-in-charge of major component after the completion certificate of all other components.
(b) Final bill of whole work shall be finalized and paid by the Hospital Engineer of major component. Engineer in charge of minor component will prepare and pass the final bill for their component of work and pass on the same to the Hospital Engineer of major component for including in the final bill for composite contract.
21. All the payments to the contractor shall be deposited in their bank account through RTGS and the contractor shall submit the detail of his bank account & IFSC code after award of work.
22. In case, date for opening of Eligibility / Financial bid is declared/happens to be public holiday, the Eligibility / Financial bid will be opened on the next working day.
23. The contractor shall comply to the “solid waste management Byelaws 2018” & “Construction & Demolition Rules 2018”. Any penalty imposed by the competent authority on account of non-compliance of these provisions, if not deposited in time by the contractor would be recovered from the payment due to the contractor.

<u>SECTION-IV</u>	INFORMATION AND INSTRUCTIONS FOR BIDDERS	
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INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR E-TENDERING FORMING PART OF BID DOCUMENT

The Hospital Engineer (Electrical), PGIMER Chandigarh invites on behalf of the Director PGIMER Chandigarh **online Percentage rate bids** from the Specialized agencies dealing in Substation works on two bid system (Eligibility cum technical Bid & Financial Bid) for the following work :-

1.	NIT No.	PGI/Engg./Elect./2026-27/06
2.	Name of work & Location	Annual Preventive Maintenance of 11KV Substation installed at Nehru Hospital Extension Block, PGIMER, Chandigarh.
3.	Estimated cost put to bid	Rs. 9.83 Lakh
4.	Earnest Money	Rs. 19,660/-
5.	Period of Completion	12 Month
6.	Last date & time of submission of bid and other documents as specified in the press notice	22.05.2026 at 11:00 AM
7.	Last date & time for submission of Original EMD:	23.05.2026 at 10:30 AM
8.	Date & Time of opening of Eligibility bid	23.05.2026 at 11:00 AM

1. Contractors who fulfill the following requirements shall be eligible to apply. Joint ventures are not accepted
 - a) Should have satisfactorily completed the works as mentioned below during the last Seven years ending last day of month to one in which tenders are invited.
Three similar works each costing not less than **Rs. 3.90 Lakh** OR two similar works each costing not less than **Rs 5.90 Lakh** OR one similar work costing not less than **Rs 7.90 Lakh. (Similar work shall mean "Repair & Maintenance of minimum 11KV capacity substation")**
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 last date of submission of bids.
 - b) Eligible contractors must also submit the proof of valid electrical license for execution of 11KV / HT works issued from U.T. Electricity Department / any state electricity boards/ Departments.
2. The intending bidder must read the terms and conditions of Form-6 carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
3. Information and Instructions for bidders posted on website shall form of bid document.

4. 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 the website: www.eprocure.gov.in/eprocure/app and official website of the PGIMER www.pgimer.edu.in. free of cost.
5. But the bid can only be submitted after uploading the mandatory scanned as specified.
6. 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.
7. The intending bidder must have valid class-III digital signature to submit the bid.
8. On opening date, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.
9. Contractor can upload documents in the form of JPG format and PDF format.
10. Contractor must ensure to quote percentage in the schedule of quantity. The column meant for quoting percentage rate in figures appears in pink color and the moment rate is entered, it turns sky blue.
11. The eligibility bid shall be opened first on date and time as mentioned above. The time and date of opening of financial bid of contractors qualifying the eligibility bid shall be communicated to them at a later date.
12. The agency shall submit the status of his firm w.r.t. proprietary firm / partnership firm or Limited company as per detail given below:-

If the bidder is a proprietary firm, a self undertaking of the proprietorship shall be uploaded by the bidder.


If the bidder is a firm in partnership, the bid documents shall be signed by all the partners of the firm above their full typewritten names and current addresses, or, alternatively, by a partner holding power of attorney for the firm. In the later case a certified copy of the power of attorney should be uploaded. In both cases a certified copy of the partnership deed and current address of all the partners of the firm should also be uploaded.

If the bidder is a limited company or a corporation, the bid documents shall be signed by a duly authorized person holding power of attorney for signing the bid documents accompanied by a copy of the power of attorney / Authorization Letter. The bidder should also furnish a copy of the Memorandum of Articles of Association duly attested by a Public Notary.

**LIST OF DOCUMENTS TO BE SCANNED AND UPLOADED WITHIN THE PERIOD OF
BID SUBMISSION:**

- I. Earnest Money deposit declaration as per detail given in Clause No. 9 at page 4 of the DNIT.
- II. Certificates of Work Experience as per detail given in Clause 1.2 at Page no. 3 of the DNIT.
- III. Valid electrical license for execution of 11KV / HT works as per detail given in Clause 1.3 at Page no. 3 of the DNIT.
- IV. Affidavit on judicial stamp paper duly attested by a notary public or District magistrate as per detail given in clause 1.5 at Page no. 3 of the DNIT.
- V. Valid GST Number.
- VI. Status of firm as per detail given in Clause no. 12 at page 9 of the DNIT.

Form- 7/8

SECTION-V	TENDER AND CONTRACT	
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Percentage rate Tender & Contract For Works

Tender for the work of: **Annual Preventive Maintenance of 11KV Substation installed at Nehru Hospital Extension Block, PGIMER, Chandigarh.**

- a) To be submitted online :- 22.05.2026 at 11:00 AM.
- b) Last date & time for submission of Original EMD:- 23.05.2026 at 10:30 AM.
- c) Eligibility cum Technical Bid to be opened online :- 23.05.2026 at 11:00 AM.

TENDER

I/we have read and examined the notice inviting tender, schedule A, B, C, D, E & F specifications applicable, Drawings and Designs, General Rules and Directions, conditions of Contract, clauses of contract, special conditions, additional terms & conditions & specifications, schedule of rate and other documents and rules referred to in the conditions of contract and all other contents in the tender documents for the work.

I/we hereby tender for the execution of the work specified for the Institute 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.

I/we agree to keep the tender open for 75 days from the receipt of technical cum eligibility bids and not to make any modifications in its terms and conditions.

A sum of **Rs. 19,660/-** is hereby forwarded in the shape of deposit at call receipt of a scheduled bank/ demand draft of a scheduled bank/ Fixed deposit receipt of scheduled bank in favour of the **Postgraduate Institute of Medical Education And Research, Chandigarh** payable at Chandigarh as earnest money. If I/We, fail to furnish the prescribed performance guarantee within prescribed period. I/We agree that the said the Director, PGIMER or his successors, in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/We fail to commence work as specified, I/We agree that Director PGIMER or the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely. The said performance guarantee shall be a guarantee to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and to carryout such deviation as may be ordered upto 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 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 PGI 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 Institute.

Dated:- _____ Signature of Contractor
Postal Address:
Witness:
Address: _____ Telephone No.:
Fax No.:
Occupation: _____ E-Mail.:

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 Institute for a sum of Rs. _____

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

- i) _____
- ii) _____
- iii) _____

Dated _____

Hospital Engineer (Electrical)
For & on behalf of the Director,
PGIMER, Chandigarh

SECTION-VI	INTEGRITY PACT	
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To,

.....,

Sub: NIT No..... for the work Annual Preventive Maintenance of 11KV Substation installed at Nehru Hospital Extension Block, PGIMER, Chandigarh.

Dear Sir,

It is here by declared that PGIMER, CHANDIGARH is committed to follow the principle of transparency, equity and competitiveness in public procurement.

The subject Notice Inviting Tender (NIT) is an invitation to offer made on the condition that the Bidder will sign the integrity Agreement, which is an integral part of tender/bid documents, failing which the tenderer/bidder will stand disqualified from the tendering process and the bid of the bidder would be summarily rejected.

This declaration shall form part and parcel of the Integrity Agreement and signing of the same shall be deemed as acceptance and signing of the Integrity Agreement on behalf of the Institute.

Yours faithfully

Hospital Engineer ()

To,

Hospital Engineer (),
.....,
.....

Sub: Submission of Tender for the work of **Annual Preventive Maintenance of 11KV Substation installed at Nehru Hospital Extension Block, PGIMER, Chandigarh.**

Dear Sir,

I/We acknowledge that PGIMER, CHANDIGARH is committed to follow the principles thereof as enumerated in the Integrity Agreement enclosed with the tender/bid document.

I/We agree that the Notice Inviting Tender (NIT) is an invitation to offer made on the condition that I/We will sign the enclosed integrity Agreement, which is an integral part of tender documents, failing which I/We will stand disqualified from the tendering process.

I/We acknowledge that THE MAKING OF THE BID SHALL BE REGARDED AS AN UNCONDITIONAL AND ABSOLUTE ACCEPTANCE of this condition of the NIT. I/We confirm acceptance and compliance with the Integrity Agreement in letter and spirit and further agree that execution of the said Integrity Agreement shall be separate and distinct from the main contract, which will come into existence when tender/bid is finally accepted by PGIMER, CHANDIGARH. I/We acknowledge and accept the duration of the Integrity Agreement, which shall be in the line with Article 1 of the enclosed Integrity Agreement.

I/We acknowledge that in the event of my/our failure to sign and accept the Integrity Agreement, while submitting the tender/bid, PGIMER, CHANDIGARH shall have unqualified, absolute and unfettered right to disqualify the tenderer/bidder and reject the tender/bid in accordance with terms and conditions of the tender/bid.

Yours faithfully

(Duly authorized signatory of the Bidder)

To be signed by the bidder and same signatory competent / authorized to sign the relevant contract on behalf of Institute.

INTEGRITY AGREEMENT

This Integrity Agreement is made at on this day of20..... **BETWEEN** Director PGIMER, Chandigarh represented through Hospital Engineer, (Electrical), PGIMER, Chandigarh (Hereinafter referred as the (Address of Division) '**Principal/Owner**', which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns).

AND

..... (Name and Address of the Individual/firm/Company) through..... (Hereinafter referred to as the (Details of duly authorized signatory) "**Bidder/Contractor**" and which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns) **Preamble** WHEREAS the Principal / Owner has floated the Tender (NIT No.....) (hereinafter referred to as "**Tender/Bid**") and intends to award, under laid down organizational procedure, contract for (Name of work) hereinafter referred to as the "**Contract**".

AND WHEREAS the Principal/Owner values full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness/transparency in its relation with its Bidder(s) and Contractor(s).

AND WHEREAS to meet the purpose aforesaid both the parties have agreed to enter into this Integrity Agreement (hereinafter referred to as "**Integrity Pact**" or "**Pact**"), the terms and conditions of which shall also be read as integral part and parcel of the Tender/Bid documents and Contract between the parties.

NOW, THEREFORE, in consideration of mutual covenants contained in this Pact, the parties hereby agree as follows and this Pact witnesses as under:

Article 1: Commitment of the Principal/Owner

1) The Principal/Owner commits itself to take all measures necessary to prevent corruption and to observe the following principles:

(a) No employee of the Principal/Owner, personally or through any of his/her family members, will in connection with the Tender, or the execution of the Contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.

(b) The Principal/Owner will, during the Tender process, treat all Bidder(s) with equity and reason. The Principal/Owner will, in particular, before and during the Tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential / additional information through which the Bidder(s) could obtain an advantage in relation to the Tender process or the Contract execution.

(c) The Principal/Owner shall endeavour to exclude from the Tender process any person, whose conduct in the past has been of biased nature.

2) If the Principal/Owner obtains information on the conduct of any of its employees which is a criminal offence under the Indian Penal code (IPC)/Prevention of Corruption Act, 1988 (PC Act) or

is in violation of the principles herein mentioned or if there be a substantive suspicion in this regard, the Principal/Owner will inform the Chief Vigilance Officer and in addition can also initiate disciplinary actions as per its internal laid down policies and procedures.

Article 2: Commitment of the Bidder(s)/Contractor(s)

- 1) It is required that each Bidder/Contractor (including their respective officers, employees and agents) adhere to the highest ethical standards, and report to the Institute all suspected acts of fraud or corruption or Coercion or Collusion of which it has knowledge or becomes aware, during the tendering process and throughout the negotiation or award of a contract.
- 2) The Bidder(s)/Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the Tender process and during the Contract execution:
 - a) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal/Owner's employees involved in the Tender process or execution of the Contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the Tender process or during the execution of the Contract.
 - b) The Bidder(s)/Contractor(s) will not enter with other Bidder(s) into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to cartelize in the bidding process.
 - c) The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act. Further the Bidder(s)/Contractor(s) will not use improperly, (for the purpose of competition or personal gain), or pass on to others, any information or documents provided by the Principal/Owner as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
 - d) The Bidder(s)/Contractor(s) of foreign origin shall disclose the names and addresses of agents/representatives in India, if any. Similarly Bidder(s)/Contractor(s) of Indian Nationality shall disclose names and addresses of foreign agents/representatives, if any. Either the Indian agent on behalf of the foreign principal or the foreign principal directly could bid in a tender but not both. Further, in cases where an agent participate in a tender on behalf of one manufacturer, he shall not be allowed to quote on behalf of another manufacturer along with the first manufacturer in a subsequent/parallel tender for the same item.
 - d) The Bidder(s)/Contractor(s) will, when presenting his bid, disclose (with each tender as per proforma enclosed) any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the Contract.
- 3) The Bidder(s)/Contractor(s) will not instigate third persons to omit offences outlined above or be an accessory to such offences.
- 4) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm indulge in fraudulent practice **means a willful misrepresentation or omission of facts or submission of fake/forged documents in order to induce public official to act in reliance thereof, with the purpose of obtaining unjust advantage by or causing damage to justified interest of others and/or to influence the procurement process to the detriment of the Institute interests.**

5) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm use Coercive Practices (means the act of obtaining something, compelling an action or influencing a decision through intimidation, threat or the use of force directly or indirectly, where potential or actual injury may befall upon a person, his/ her reputation or property to influence their participation in the tendering process).

Article 3: Consequences of Breach

Without prejudice to any rights that may be available to the Principal/Owner under law or the Contract or its established policies and laid down procedures, the Principal/Owner shall have the following rights in case of breach of this Integrity Pact by the Bidder(s)/Contractor(s) and the Bidder/ Contractor accepts and undertakes to respect and uphold the Principal/Owner's absolute right:

1) If the Bidder(s)/Contractor(s), either before award or during execution of Contract has committed a transgression through a violation of Article 2 above or in any other form, such as to put his reliability or credibility in question, the Principal/Owner after giving 14 days notice to the contractor shall have powers to disqualify the Bidder(s)/Contractor(s) from the Tender process or terminate/determine the Contract, if already executed or exclude the Bidder/Contractor from future contract award processes.

The imposition and duration of the exclusion will be determined by the severity of transgression and determined by the Principal/Owner. **Such exclusion may be forever or for a limited period as decided by the Principal/Owner.**

2) **Forfeiture of Performance Guarantee/Security Deposit:** If the Principal/Owner has disqualified the Bidder(s) from the Tender process prior to the award of the Contract or terminated/determined the Contract or has accrued the right to terminate/determine the Contract according to Article 3(1), the Principal/Owner apart from exercising any legal rights that may have accrued to the Principal/Owner, may in its considered opinion forfeit the entire amount of Performance Guarantee and Security Deposit of the Bidder/Contractor.

3) **Criminal Liability:** If the Principal/Owner obtains knowledge of conduct of a Bidder or Contractor, or of an employee or a representative or an associate of a Bidder or Contractor which constitutes corruption within the meaning of Indian Penal code (IPC)/Prevention of Corruption Act, or if the Principal/Owner has substantive suspicion in this regard, the Principal/Owner will inform the same to law enforcing agencies for further investigation.

Article 4: Previous Transgression

1) The Bidder declares that no previous transgressions occurred in the last 5 years with any other Company in any country confirming to the anticorruption approach or with Central Government or State Government or any other Central/State Public Sector Enterprises in India that could justify his exclusion from the Tender process.

2) If the Bidder makes incorrect statement on this subject, he can be disqualified from the Tender process or action can be taken for banning of business dealings/ holiday listing of the Bidder/Contractor as deemed fit by the Principal/ Owner.

3) If the Bidder/Contractor can prove that he has resorted / recouped the damage caused by him and has installed a suitable corruption prevention system, the Principal/Owner may, at its own discretion, revoke the exclusion prematurely.

Article 5: Equal Treatment of all Bidders/Contractors/ Subcontractors

- 1) The Bidder(s)/Contractor(s) undertake(s) to demand from all subcontractors a commitment in conformity with this Integrity Pact. The Bidder/Contractor shall be responsible for any violation(s) of the principles laid down in this agreement/Pact by any of its Subcontractors/ sub-vendors.
- 2) The Principal/Owner will enter into Pacts on identical terms as this one with all Bidders and Contractors.
- 3) The Principal/Owner will disqualify Bidders, who do not submit, the duly signed Pact between the Principal/Owner and the bidder, along with the Tender or violate its provisions at any stage of the Tender process, from the Tender process.

Article 6- Duration of the Pact

This Pact begins when both the parties have legally signed it. It expires **for** the Contractor/Vendor 12 months after the completion of work under the contract or till the continuation of defect liability period, whichever is more and for all other bidders, till the Contract has been awarded. If any claim is made/lodged during the time, the same shall be binding and continue to be valid despite the lapse of this Pacts as specified above, unless it is discharged/determined by the Competent Authority of PGIMER, Chandigarh.

Article 7- Other Provisions

- 1) This Pact is subject to Indian Law, place of performance and jurisdiction is the **Chandigarh**.
- 2) Changes and supplements need to be made in writing. Side agreements have not been made.
- 3) If the Contractor is a partnership or a consortium, this Pact must be signed by all the partners or by one or more partner holding power of attorney signed by all partners and consortium members. In case of a Company, the Pact must be signed by a representative duly authorized by board resolution.
- 4) Should one or several provisions of this Pact turn out to be invalid; the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intentions.
- 5) It is agreed term and condition that any dispute or difference arising between the parties with regard to the terms of this Integrity Agreement / Pact, any action taken by the Owner/Principal in accordance with this **Integrity Agreement/ Pact or interpretation thereof shall not be subject to arbitration.**

Article 8- LEGAL AND PRIOR RIGHTS

All rights and remedies of the parties hereto shall be in addition to all the other legal rights and remedies belonging to such parties under the Contract and/or law and the same shall be deemed to be cumulative and not alternative to such legal rights and remedies aforesaid. For the sake of brevity, both the Parties agree that this Integrity Pact will have precedence over the Tender/Contact documents with regard any of the provisions covered under this Integrity Pact.

IN WITNESS WHEREOF the parties have signed and executed this Integrity Pact at the place and date first above mentioned in the presence of following witnesses:

.....
(For and on behalf of Principal/Owner)

.....
(For and on behalf of Bidder/Contractor)


WITNESSES:

1.
(signature, name and address)

2.
(signature, name and address)

Place:

Dated :

SECTION-VII	PROFORMA OF SCHEDULE A TO F	
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SCHEDULE 'A'

Schedule of quantities attached at Page No. 31 DNIT

SCHEDULE 'D'

Extra schedule for specific requirements / documents for the work, if any:	<u>As mentioned in tender documents</u>
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SCHEDULE 'E'

Reference to General Conditions of contract.	CPWD General Condition of Contract 2023 for Maintenance Works.
Name of Work :	Annual Preventive Maintenance of 11KV Substation installed at Nehru Hospital Extension Block, PGIMER, Chandigarh.
Estimated cost of work :	Rs. 9.83 Lakh
Earnest Money :	Rs. 19,660/- (to be returned after receiving Performance guarantee)
Performance Guarantee :	a) 5% of the tendered value or Estimated cost put to tender (whichever is higher) b) Where the tendered amount is less than eighty percent (80%) of the estimated cost put to tender (ECPT), in addition to the requirement under (a) above, shall be increased by an amount equal to the difference between eighty percent (80%) of the ECPT and the tendered amount.
Security Deposit:	2.5% of the tendered value

SCHEDULE 'F'**GENERAL CONDITION OF CONTRACT**

Officer inviting tender	Hospital Engineer (Electrical) PGIMER, Chandigarh.
GENERAL RULES & DIRECTIONS	
Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3:	See below
Definitions:	
2 (v) Engineer- in- charge	Hospital Engineer (Electrical) PGIMER, Chandigarh.
2 (viii) Accepting Authority	Hospital Engineer (Electrical) PGIMER, Chandigarh.
2 (x) Percentage on cost of material and labour to cover all overheads and profits	15%

- 2 (xi) Standard Schedule of Rates** DSR 2025 (E&M)
- 2 (xii) Department** Hospital Engineering & Planning
P.G.I.M.E.R., CHANDIGARH
- 9 (ii) Standard contract Form** Form-7/8, CPWD General Conditions of Contract 2023 for Maintenance works.

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. **2 days**
- (ii) Maximum allowable extension **with late fee @ 0.1 % per day of performance guarantee amount** beyond the period provided in (i) above **01 days**

- Clause 2 Authority for fixing compensation under clause-2** **Superintending Engineer, Chandigarh** **Hospital PGIMER,**

Applicable Clause 2/ Clause 2A **Clause 2**

- Clause 5** Number of days from the date of issue of letter of acceptance for reckoning date of start = 2 days
Mile stones(s) as per table given below:-

S.No.	Description of Milestone (Physical)	Time allowed in days (from date of start)	Amount to be withheld in case of non achievement of milestone
a)	25% of tendered value	1/4 th of total time	In the event of not achieving the necessary progress as assessed from the running payment, 1.25% of the tendered value of work will be withheld for failure of each milestone from SI No 1 to 4. Maximum amount to be with held shall not exceed 5% of tendered value of work.
b)	50% of tendered value	1/2 of total time	
c)	75% of tendered value	3/4 th of total time	
d)	100% of tendered value	Full time	

Time allowed for execution of work 12 Months

Authority to decide:

- (i) Extension of time : **Superintending Hospital Engineer**
- (ii) Rescheduling of mile stones : **Superintending Hospital Engineer or his successor**
- (iii) Shifting of date of start in case of delay in handing over of site: **Superintending Hospital Engineer**

PROFORMA OF SCHEDULES**Clause 5 Schedule of handing over of site:**

Part	Part Portion of site	Description	Time Period for handing over reckoned from date of issue of letter of intent.
Part A	Portion without any hindrance	The site is available for execution of work	2 days
Part B	Portions with encumbrances		
Part C	Portions dependent on work of other agencies		

Clause 5	Applicable clause 5 or 5A	Clause 5
Clause 7	Gross work to be done together with net payment /adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment	Rs. 0.80 Lakh
Clause 7A	Whether clause 7A shall be applicable	Applicable
Clause 10A	List of equipments to be provided by the contractor at site lab.	
10B(ii)	Whether Clause 10 B (ii) shall be applicable	Not Applicable
Clause 10C	Component of labour expressed as percent of value of work =	Not Applicable
Clause 10CC	Payment due to increase/decrease in Prices/Wages	Not Applicable
Clause 11	Specifications be followed for execution of work.	i) NIT Specifications. ii) Latest CPWD Specifications with amendments. iii) Bureau of Indian Standards wherever no such specifications exists in S.No. i) & ii).
Clauses 12	Authority to decide deviation upto 1.5 times of tendered amount	Superintending Hospital Engineer, PGIMER, Chandigarh.
	Type of work	Maintenance works including works of upgradation, aesthetic, special repair, addition/ alteration.
12.2 & 12.3	Deviation limit beyond which clause 12.2 & 12.3 shall apply for building work	No Limit
Clause 16	Competent authority for deciding reduced rates	Superintending Hospital Engineer, PGIMER, Chandigarh.

- Clause 18** List of mandatory machinery, tools & plants to be deployed by the contractor at site/ manufacturing unit:- As per requirement at site.
- Clause 19C** Authority to decide penalty for each default. Hospital Engineer (Electrical)
- Clause 19D** Authority to decide penalty for each default. Hospital Engineer (Electrical)
- Clause 19G** Authority to decide penalty for each default. Hospital Engineer (Electrical)
- Clause 19K** Authority to decide penalty for each default. Hospital Engineer (Electrical)

Clause 25		
(i)	Conciliator	Director, PGI, Chandigarh.
(ii)	Arbitrator Appointing Authority	Director, PGI, Chandigarh.
(iii)	Place of Arbitration	Chandigarh


Clause 32 Requirement of Technical Representative(s) and recovery Rate. (Not applicable)

S.No.	Qualification of Technical Staff	Discipline	Designation of Technical Staff	Minimum Experience (Years)	Number	Rate at which recovery shall be made from the contractor in the event of not fulfilling
1.	Graduate Engineer OR Diploma Holder	Civil	Project manager cum Planning/ Quality / site / billing Engineer)	02 OR 05	01	Rs. 15,000/- 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 co. can be treated at par with Graduate Engineers for the purpose of such deployment subject to the condition that such diploma holders should not exceed 50% of requirement of degree engineers.

Clause 42 Not Applicable

SECTION-VIII	EXCLUSIONS / MODIFICATIONS IN CPWD GENERAL CONDITIONS OF CONTRACT 2023 (MAINTENANCE WORKS)		
Clause No. & Page No. of CPWD GCC2023	Exclusions / Modifications		
<u>CONDITIONS OF CONTRACT</u>			
(A)	Clause 2 (iv), Page 9	The word President / President of India and his successors wherever appears shall be read as the Director, PGIMER and his successors.	
(B)	Clause 2 (v), Page 9	The word Government or Government of India wherever appears shall be read as PGIMER, Chandigarh.	
(C)	Clause 2 (vi), Page 9	The Engineer-in-charge means the Hospital Engineer (.....) who shall supervise and be Incharge of the work and who shall sign the contract on behalf of the Director, PGIMER as mentioned in Schedule 'F' hereunder.	
(D)	Clause 2 (x) (b), Page 10	The following provisions are also added in this clause: Schedule(s) referred to in these conditions shall mean the relevant schedule(s) annexed to the tender documents or the standard Schedule of Rates of the government mentioned in Schedule 'F' hereunder, with the amendments thereto issued previous day of the last date of submission of the tender.	
(E)	Clause 2 (xi), Page 10	Department shall mean Director, PGIMER or any Division of PGIMER which invites tenders on behalf of Institute as specified in the Schedule 'F'.	
(F)	Clause 2 (xvi), Page 10	The following provisions are also added in this clause: Extra items are those items which are not available in the contract a. Non Schedule Extra Items are those items which are not available in the Standard Schedule of Rates specified in Schedule F. b. Scheduled Extra Items are those items which are available in the Standard Schedule of Rates specified in Schedule F	
(G)	Clause 2 (xvii), Page 10	The following provisions are also added in this clause: The Completion Cost : Completion cost amount of work done, amount of extra items (s) and deviation (s) and escalation amount admissible as per agreement etc.	
(H)	Clause 2 (xviii), Page 10	The following provisions are also added in this clause: Maintenance work: Maintenance work(s) are those work(s) which includes upgradation, aesthetic improvement, special repair. addition/ alteration, annual repair, comprehensive maintenance work etc.	
<u>CLAUSES OF CONTRACT</u>			
(I)	Clause 9, Page 24	The following provisions under this clause are not applicable:- If the final bill is submitted by the contractor within the period specified above and payment of final bills is made by the deptt. after prescribed time limit , a simple interest @ 5 % per annum shall be paid to the contractor from the date of expiry of prescribed time limit which will be compounded on yearly basis, provided the final bill submitted by the contractor is found to be in order.	
(J)	Clause 12, Page 34	The following provisions are also added in this clause: The completion cost shall, in no case exceed 1.5 times the contract amount. Contractor will devise a system to keep a watch on quantum of work taken up vis-a-vis balance items required to complete defined scope of work and will give the alerts to Engineer-in-Charge before taking up extra item(s), deviation(s) so –that completion cost does not exceed above limit. Work executed beyond above limit will never be recorded nor be paid.	

Clause No. & Page No. of CPWD GCC 2023	Exclusions / Modifications
	Engineer-in-Charge will verify and confirm the alerts before assigning deviation(s) and / or extra item(s) to the contractor. If additional work(s) is required to complete defined scope of work beyond above limit then Engineer-in Charge may take up such work(s) separately. The contractor will not have any claim(s) whatsoever on this account.
(K) Clause 12.1 , Page 34	The following provisions are also added in this clause: The time for completion of the works shall, in the event of any deviation(s) and extra item(s) resulting in additional cost over the contract amount will be extended, if requested by the contractor, as follows (i) In the proportion to the additional cost of work, bears to the original contract amount plus (ii) 25% of the time calculated in (i) above.
(L) Clause 12.2, Page 34-35	The following provisions are deleted in this clause: Extra items are those which are not available in the contract. For percentage rate tenders, the extra item(s) which are available in the standard schedule of rates specified in Schedule F, shall be paid as per the said schedule rate Plus cost index (considered in the estimated cost put to tender plus/minus percentage above/ below quoted on estimated cost put to tender. For item rate tenders, the extra item(s) which are available in the standard schedule of rates specified in Schedule shall be paid as per the said schedule plus cost index considered in the estimated cost put to tender) plus/minus percentage above/ below worked out on the basis of overall contract amount and estimated cost of the work put to tender.
(M) Clause 12.2, Page 35	The following provisions are also added in this clause: (a) Non Schedule Extra Item(s) - The contractor, shall within fifteen days of the receipt of order to execute extra item(s) or occurrence of the item(s), submit analysis of rate of extra item(s) based on the rate(s) of material(s) available in basic rate of Standard Schedule of Rate mentioned in schedule F and rate(s) of the material(s) based on tax paid bills which are not available in standard Schedule of Rate mentioned in schedule F. For this purpose, the basic rate of material(s) available in Schedule of Rate(s) mentioned in Schedule F will be enhanced or reduced by the applicable cost index, as the case may be. The rate(s) of the material(s) which are not available in Standard Schedule of Rates, mentioned in Schedule F, shall be based on, tax paid bill(s) for the material(s) as defined in manufacturer's specification. Material rate(s) from Standard Schedules of Rate(s) shall be given priority in the analysis of rate(s). The rate of extra item will be. i. Analyzed rate(s) as above multiplied by (Contract amount divided by estimated cost put to tender), if tendered amount is below the estimated amount put to tender. ii. Analyzed rate, if the Contract amount is above the estimated amount put to tender. Failing which the rate(s) approved later by the Engineer-in-Charge shall be final and binding

Clause No. & Page No. of CPWD GCC 2023	Exclusions / Modifications
	<p>Where the contractor submits analysis of rate(s) of extra item(s) in the manner prescribed above, the Engineer-in Charge shall, within 60 days of the receipt of the analysis of rate, after giving consideration to the analysis of rates and other documents submitted by the contractor. Determine the rate(s) of extra item(s). The contractor shall be paid in accordance with the rate(s) so determined.</p> <p>However provisional rate(s) on the basis of invoice will be allowed by the Engineer-in-Charge. Invoice shall be accepted only for material(s) not available in the Standard Schedule of Rates mentioned in Schedule F. The contractor while submitting the tax paid bill of purchased material(s) shall ensure that rate(s) of the materials are reasonable and lowest available in the market. If Engineer-in Charge feels rates in tax paid bill(s) submitted by contractor are not reasonable then he can modify the rate(s) after giving a notice to the contractor. Engineer-in-Charge is the final authority to decide applicable rate(s) of material(s).</p> <p>(ii) Scheduled Extra Items</p> <ol style="list-style-type: none"> i. For percentage rate tender, the extra item(s) shall be paid as Per the Standard Schedule of Rates, mentioned in Schedule F, enhanced or reduced by the applicable cost index and further enhanced or reduced by percentage above/below quoted by the contractor on estimated cost put to tender. ii. For item rate tender, the extra item(s) shall be paid as per the said schedule rate enhanced or reduced by the applicable cost index and multiplied by (Contract amount divided by estimated cost put to tender). <p>The rate(s) of extra item(s) so determined by the Engineer-in-Charge shall be final and binding on the contractor.</p>
(N) Clause 12.5, Page 35	<p>The following provisions are also added in this clause: Cost index : Latest available Cost index at the time of beginning of execution of extra item(s) shall be used in sub-clauses 12.2 (a) and 12.2 (b) for calculation of rates of extra item (s)</p>
(O) Clause 12.6, Page 35	<p>The following provisions are also added in this clause: Labour rates: Labour rates will be based on latest available circulars issued by Central Govt. or State Govt. whichever are higher as well as applicable for the work.</p>
(P) Clause 30, Page 53	<p>The following provisions are also added in this clause:</p> <p>ii) The Engineer-in-Charge shall make alternative arrangements for supply of water at the risk and cost of contractor(s) if the arrangements made by the contractor(s) for procurement of water are in the opinion of the Engineer-in- Charge, unsatisfactory. In such case, water charges @ 1.5 % shall be recovered on gross amount of the work done. The contractor shall take water connection from source of Municipal Corporation, Chandigarh / Chandigarh Administration at his own cost. He will pay the bills raised by concerned department regularly. However, PGIMER will help the contractor to take connection from concerned authority. If, the contractor fails to deposit the water bill, the Engineer Incharge will have the authority to deduct the such amount from contractor's bills and deposit the same to concerned department.</p> <p>iii) The contractor shall make his own arrangements for power supply including laying of cables, switchgears and energy meter for the required load upto the main source of U.T. electricity department / Institute's source of supply (If U.T. electricity is not available) at his own cost for the proper execution of the work and will pay the charges for the electric power consumed.</p>

SECTION-X	SPECIAL CONDITIONS FOR AMC	
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SCOPE OF WORK

(A) Dry Type Transformers

Complete Preventive maintenance of Transformer has to be carried out by the agency in presence of EIC/representative of EIC on the standard format/ recommendations of OEM / required by EIC. **However, any spare required for this service shall be provided by PGIMER and no Labour charges shall be given in this regard.**

- Blowering / de-dusting of Core-coil assembly, ventilator – louvers etc.
- Checking, cleaning of the Fix & Moving contacts, transition resistances etc. for any worming-out, looseness, damage/pitting, overheating etc. if OLTC provided.
- Tightening & physical inspection & checking of HT bushings & connection / LT bushings & connection/Tapping lead connections i.e. all electrical connection in the enclosure.
- Tightness & checking of all core bolts, coil pressing/clamping bolts, insulators etc.
- Checking of earthing connection on the transformer neutral & body earthings.
- Changing the damage gaskets of enclosure if required.

Testing of transformer after completion of the above work for low voltage or possible site tests such as,

1. IR/PI,
2. Ratio by voltage method.
3. Magnetic Balance.
4. Magnetizing Current.
5. Vector Group Test.
6. Functional checking of Digital WTI.

(B) SCADA/ PLC

Quarterly Job

Complete working/ reporting of SCADA with monitoring of system at web client shall be ensured and Quarterly detailed report in soft copy and summary in hard copy shall be submitted by the agency. Maintenance of SCADA/ PLC has to be carried out by the agency in presence of EIC/representative of EIC on the standard format/ recommendations of OEM / required by EIC. **However, any spare required for this service shall be provided by PGIMER and no Labour charges shall be given in this regard.**

1. Maintenance Schedule: Follow manufacturer's recommendations and set quarterly regular inspection routine.
2. Visual Inspection: Check for damage, loose connections and environmental factors affecting the system.
3. Dust and Debris Removal: Clean the control panel and components to prevent overheating.
4. Check power supply: Ensure stable and clean power and use surge protection.
5. Backup PLC Programs: Regularly Back up data and store it securely in multiple locations.

6. Firmware and Software Updates: Stay updated for better stability and security.
7. Battery Replacement: Replace batteries (Supply by Dept.) as recommended to prevent data loss.
8. Check I/O Modules: Inspect for damage and replace faulty modules promptly.
9. Functional Testing: Periodically Test inputs, outputs and logic functions.
10. Environmental Conditions: Operate within specified temperature and humidity limits.
11. Documentation: Keep detailed records of all maintenance activities and submit to EIC.
12. Training and Knowledge Sharing: Ensure well-trained personnel and knowledge exchange.
13. Alarm and Error Logs: Review logs for potential issues.
14. Provide static IP and internet connection (wifi) at server SCADA PC installed at NHE Substation.

(C) Oil Type Transformer

Filteration, Dehydration & Testing of transformer as detailed from sr. no. 5 to 8 of Schedule of Quantity will be executed as and when required basis at site as directed by Engineer in Charge.


(D) ACBs

1. Dismantling, cleaning and assembling of front cover, push button, locking device.
2. Dismantling, cleaning of arc chute cover and terminal shield.
3. Dismantling, cleaning, checking and assembling of arc chute.
4. Dismantling, cleaning / greasing and assembling of electrical spring charging motor
5. Dismantling, cleaning, checking / testing and assembling of tripping coil / closing Coil /UV coil.
6. Dismantling, cleaning & tightening of Protection relay.
7. Checking of main contact wear by physical inspection.
8. Cleaning and greasing of Breaker main Mechanism by OEM recommended fully synthetic imported multipurpose grease to increase the reliability in terms of mechanical as well as electrical properties and their endurance.
9. Inspection of Main spring / tripping spring / locking spring.
10. Dismantling / cleaning & greasing of spring charging handle.
11. Inspection / cleaning of breaker rear terminals & greasing them.
12. Inspection / cleaning of the changeover contacts of the OF Switch.
13. Dismantling, cleaning, greasing and assembling of clusters (applicable for drawout circuit breaker only).
14. Checking and cleaning / greasing (as required) of hand pullout system, racking mechanism of acb.
15. Chassis and function position indicators (in drawout type only).
16. Checking and tightening of control unit connection block and chassis rear terminals.
17. Cleaning & checking of tightness of wires on WAGO terminal.
18. Checking healthiness of Protection relay type (Tripping current & Tripping Time) by Test Kit.
19. Submission of reports.

Note:- All the test and maintenance reports must be submitted along with bills.

List of existing equipments installed at site.

S.No	Description of equipment	Qty	Existing make
1	Transformers of each capacity 1600 KVA	3 nos	Voltamp
3	Main LT Panel comprises of 17 nos ACB, metering equipments & MCCBs	1 No.	Panel: Adlec Switchgear: Schneider
4	UPS Panel comprises of 02 nos ACB, metering equipments & MCCBs	1 No.	Panel: Bhopal Switchgears Switchgear: L&T
5	HT panel comprises of 05 nos VCB & its metering equipments	01 No	Crompton
6	SCADA system with 02 nos PLC with PC and one laptop for remote monitoring of the system.	01 Set	SCADA: Vijeo Citect Lite (Schneider)

SECTION-XI	SCHEDULE OF QUANTITIES	
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Annual Preventive Maintenance of 11KV Substation installed at Nehru Hospital Extension Block, PGIMER, Chandigarh.

SCHEDULE OF QUANTITY

S.No	Description	Qty	Unit	Rate	Amount
1	One time complete preventive maintenance and testing of Voltamp Make 1600 KVA dry type transformers as per scope of work. The work is to be executed by the authorised channel partner/authorised service agency of OEM.	3	Job	43173	129519.00
2	Repair and servicing of HT VCB trolley 11KV including dismantling of old defective spare parts from the panel, cleaning, lubrication and fixing of new spares, checking of On Off operation, mechanical and electrical operations and required correction complete as required and testing of the panel as per following.				
	1. Testing of CT, PT and relay with primary & secondary injection kit.				
	2. Tripping of VCB, through over current and earth fault relay.				
	3. Bus Bar testing.				
	4. Megger Value.				
	5. Contact resistance testing.				
	6. Aux. Relay testing for transformers.				
	The above work to be executed by the authorised channel partner/authorised service agency of OEM (Make CG)	5	No.	27137	135685.00
3	One time complete Servicing cum Overhauling of ACBs upto 2500A. (Make - Schneider-17 Nos & Legrand-2 Nos) The work is to be executed by the authorised channel partner/authorised service agency of OEM	19	Job	14391	273429.00
4	Upgradation of existing Schneider make SCADA system including supply of SCADA software license for minimum 500 tags/points, along with server and client licenses, engineering & reconfiguration of existing database, graphics, alarms, trends, reports, migration of existing data, integration with existing PLCs and field devices, training of staff, and submission of complete documentation and backups, complete in all respects as required and to the entire satisfaction of the Engineer-in-Charge. The work shall be executed through OEM or its authorized service provider only.	1	Job	246703	246703.00

S.No	Description	Qty	Unit	Rate	Amount
5	Supply of the following spares to be replaced/ required during service and testing work. The material/ spares should be of approved make as recommended by manufacturer of the ACB.				
(i)	Under Voltage Release (Coil)	3	Nos.	12952	38856.00
(ii)	Auxillary Contactor	3	Nos.	1525	4575.00
(iii)	TNC SWITCH	5	Nos.	1238	6190.00
(iv)	Spring Charge Motor	2	Nos.	70765	141530.00
(v)	Voltage Monitoring Relay	3	Nos.	2072	6216.00
	Total				982703.00

Percentage to be quoted by the agency:

Percentage below on estimated cost (In Figures)

(In Words)

Percentage above on estimated cost (In Figures)

(In Words)

Amount worked out by as per (In Figures)
percentage quoted:

(In Words)

NOTE:

- 1 This is a percentage rate tender, therefore, percentage is only to be quoted by the agency in figures on the amount mentioned in Schedule of quantity.
- 2 Percentage Rate quoted by the agency should be inclusive of all levies, cess, all the expense on the work viz. cost of uniform, Biometric attendance, contractor's profit & overhead etc.
- 3 The spare parts to be replaced should be of same make as of existing make. No variation shall be allowed without the approval of Engineer Incharge.

A.E. (P)

H.E. (Electrical)