

**भारत सरकार
केंद्रीय लोक निर्माण विभाग**

कार्य का नाम:- A/R & M/O to various Civil and Electrical installation at Dr. Ram Manohar Lohia Hospital for Residential and Non -Residential Building during 2026-27. (SH: Comprehensive Maintenance of Blue star make VRV/VRF installed at Hematology OPD 3rd Floor & GMAT OT old emergency 1st floor Dr. RML Hospital New Delhi.)

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Certified that this NIT contains pages 1 to 27 (Excluding covers).

**सहायक अभियंता (वै.)-III
डा० राम मनोहर लोहिया अस्पताल वैद्युत मंडल,
के.लो.नि.वि., नई दिल्ली |**

AE(E)-III

PART-A

**IN FOR MATION AND INSTRUCTIONS FOR CONTRACTORS FOR e-TENDERING
(Applicable for inviting open bids) (Two Bid System)**

The Assistant Engineer(E)-III, Dr. RML Hospital Electrical Division, CPWD, New Delhi-110001, E-mail : sachin.ks1991@gov.in on behalf of President of India invites online percentage rate E-tenders from approved and eligible contractors of CPWD in OEM/Specialized Firms/approved & eligible CPWD Buildings & Roads category contractors in two bid system for the following work.

S. No.	NIT No.	Name of work and location	Estimated cost put to bid	Earnest Money	Period of Completion	Last date & time of submission of bid and other Document as specified in the press notice	Time & date of opening of bid
1	22/AE(E)-III/Dr.RMLHED/2026-27	A/R & M/O to various Civil and Electrical installation at Dr. Ram Manohar Lohia Hospital for Residential and Non -Residential Building during 2026-27. (SH: Comprehensive Maintenance of Blue star make VRV/VRF installed at Hematology OPD 3rd Floor & GMAT OT old emergency 1st floor Dr. RML Hospital New Delhi.)	Rs. 3,32,992/-	Rs. 6,660/- (In favour of Executive Engineer, Dr. RMLHD, CPWD, New Delhi)	08 Months	Upto 5:00 PM on 14-09-2026	At 05:30 PM on 14-09-2026

1. Main contractor either himself should have satisfactorily completed the specialized work of the value as mentioned below or he must associate the specialized agency who have satisfactorily completed the work of the value as mentioned below during last seven years ending previous day of last date of submission of bid.

Three similar works of each costing not less than Rs 1,33,197/-

OR

Two similar works of each costing not less than Rs 1,99,795/-

OR

One similar works of each costing not less than Rs 2,66,394/-

And

Similar Work shall means work of “**Comprehensive maintenance of VRV system**”.

AE(E)-III

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 of last date of submission of tenders

1. The intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
2. Information and Instructions for bidders posted on web sites shall form part of bid document.
3. **The contractor can deposit original EMD either in the office of Assistant Engineer inviting bids or division/Sub division office of any Executive Engineer/Assistant Engineer, CPWD 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 contractor shall obtain the receipt of EMD from the concerned Executive Engineer/Assistant Engineer in the prescribed format uploaded by NIT issuing Assistant Engineer. The Bid Document as uploaded can be viewed and downloaded free of cost by anyone including intending bidder. But the bid can only be submitted after uploading the mandatory scanned documents such as Demand Draft/Pay order of Banker's Cheque/Bank Guarantee of any Scheduled Bank towards EMD in favour of respective Executive Engineer, **copy of receipt of original EMD** and other documents specified in the press notice.**
4. But the bid can only be submitted after **deposition of original EMD either in the office of Executive Engineer/Assistant Engineer inviting bids or division office of any Executive Engineer/Assistant Engineer, CPWD 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 Demand Draft of Pay order or Banker's Cheque or Deposit at call Receipt or Fixed Deposit Receipts and Bank Guarantee of any Scheduled Bank towards EMD in favour of Executive Engineer **as mentioned in NIT, receipt for deposition of original EMD to division office of any Executive Engineer/Assistant Engineer, CPWD** and other documents as specified.
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 document scan be seen and downloaded from web site <https://etender.cpwd.gov.in> CPWD or www.cpwd.gov.in or www.eprocure.gov.in free of cost.
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 rate of each item. The column meant for quoting rate in figures appears in pink colour and the moment rate is entered, it turns sky blue.
In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as **"0"**. Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as **"0" (ZERO)**.

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

- I. Earnest Money in the form of Treasury Challan or Demand Draft or Pay order or Banker's Cheque or Deposit at Call Receipt or Fixed deposit receipt.
- II. Copy of receipt for deposition of original EMD issued from division office of any executive engineer (including / NIT issuing EE/AE) CPWD.
- III. Enlistment Order of the Contractor in Building & Road Category (In case of B&R Category)
- IV. Affidavit as per the provision of Clause 1.2.2 of CPWD-6. (In case of OEM or specialized firms)
- V. Certificate of Financial Turnover from CA. (In case of OEM or specialized firms)
- VI. Certified CA Net Worth Certificate or Banker's Certificate. (In case of OEM or specialized firms)
- VII. GST Registration Certificate, if already obtained by the bidder.
If the bidder has not obtained GST registration as applicable, then he shall scan and upload following undertaking along with bid documents.
"If work is awarded to me, I/We shall obtain GST registration certificate, as applicable, within one month from the date of receipt of award letter or before release of any payment by CPWD, whichever is earlier, failing which I/We shall be responsible for any delay in payments which will be due towards me/us on account of the work executed and/or for any action taken by CPWD or GST department in this regard".(OM No. DG/SOP/20dated 13.04.2021)
- VIII. Pan Card.
- IX. Valid Electrical license or those firms not having valid electrical license shall have to associate firm having valid electrical license registered in CPWD after award of work, if applicable.
- X. Certificate of ERP Training (Office Memorandum No. DG/Enlist. Rules-2023/ 10 dated 22.04.2024).

For approved & eligible CPWD Buildings & Roads category contractors:

The existing enlisted contractor of CPWD either himself or his authorized representative shall take compulsory ERP (Enterprise Resource Planning) training through any of the CPWD Regional Training Institutes (RTIs) at Delhi, Mumbai, Chennai and Kolkata, National CPWD Academy (NCA) Ghaziabad, Training arranged by Graduates of ERP "Train the Trainers Programme" conducted by NCA, Ghaziabad or through any other special training arranged by ERP unit of CPWD before 30.06.2024. Training will be valid only when participants are registered in LMS (Learning Management System) of ERP and certificate is issued through LMS of ERP.

From 01.07.2024, the enlisted contractor will not be allowed to participate in tendering process without uploading the certificate of above training.

For VRV/VRF AC Manufacturers (OEM), Specialized Firms:

In case of non-enlisted contractors being first lowest in any of the tender then either himself or his authorized representative shall take compulsory ERP (Enterprise Resource Planning) training through any of the CPWD Regional Training Institutes (RTIs) at Delhi, Mumbai, Chennai and Kolkata, National CPWD Academy (NCA) Ghaziabad, Training arranged by Graduates of ERP "Train the Trainers Programme" conducted by NCA, Ghaziabad or through any other special training arranged by ERP unit of CPWD **within two months from the date of issue of Intent Letter.**

Training will be valid only when participants are registered in LMS (Learning Management System) of ERP and certificate is issued through LMS of ERP.

Failure to do so, a recovery of Rs. 2,000/- per week shall be made from the R/A bill without any show cause notice in this regard.

- XI. Undertaking by contractor on his Letter-Head in the following format: "I/We declare that, I/We

- have not been Debarred/Blacklisted by Central Government/State Government.”
- XII. Undertaking by Contractor on his letter head in the following format:
“In case, we become first lowest tenderer and we are not eligible agency as per eligibility criteria; we will associate eligible agency fulfilling eligibility criteria as per NIT and will submit documents as required.”
- XIII. Letter Head indicating valid e-mail ID and Mobile No. of Firm.

Any of the above documents found not upload on e-tender website, bids will be rejected.

Documents to be given at the time of submission of Performance Guarantee

- I. Authorization certificate from OEM as per existing Daikin Make VRV System.
- II. Documents of the associate Specialized Agency meeting criteria mentioned in NIT if the B&R category contractor himself is not eligible. If eligible than all the related documents of himself specialized work experience shall be deposited with PG.

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

1	Name of work	A/R & M/O to various Civil and Electrical installation at Dr. Ram Manohar Lohia Hospital for Residential and Non -Residential Building during 2026-27. (SH: Comprehensive Maintenance of Blue star make VRV/VRF installed at Hematology OPD 3rd Floor & GMAT OT old emergency Ist floor Dr. RML Hospital New Delhi.)
2	NIT No.	22/AE(E)-III/Dr. RMLHED/2026-27.
3	Estimated Cost	Rs. 3,32,992/-
4	Amount of Earnest Money Deposit	Rs.6,660/- in favour of Executive Engineer, Dr. RMLHD, CPWD, New Delhi.
5	Last date of submission of bid	Upto 14-09-2026 on 5.00 PM

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

Signature, Name and Designation of EMD Receiving office (EE/AE(P)/AE/AAO)
along with Office stamp

(#To be filled by EMD receiving EE)

**GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT**

NOTICE INVITING TENDER E-TENDERING

Percentage rate bids are invite don behalf of President of India from approved and eligible contractors of composite category of CPWD for the work of **A/R & M/O to various Civil and Electrical installation at Dr. Ram Manohar Lohia Hospital for Residential and Non-Residential Building during 2026-27. (SH: Comprehensive Maintenance of Blue star make VRV/VRF installed at Hemetology OPD 3rd Floor & GMAT OT old emergency Ist floor Dr. RML Hospital New Delhi.)** 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. 3,32,992/-** This estimate, however, is given merely as a rough guide.
2. Agreements hall be drawn with the successful bidders on prescribed Form No. CPWD 7 which is available as a Govt. of India Publication and also available on website www.cpwd.gov.in. Bidders shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.
3. The time allowed for carrying out the work will be **08 Months** from the date of start as define din schedule 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the bid documents.
4. The site for the work is available.
5. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents except Standard General Conditions of Contract Form can be seen from website **<https://etender.cpwd.gov.in> or www.cpwd.gov.in free of cost.**
6. After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified.
7. While submitting the revised bid, contractor can revise the percentage rate any number of times 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 hall become invalid.
9. Copy of Enlistment Order and certificate of work experience and other documents as specified in the bid document shall be scanned and uploaded to the e-Tendering website within the period of bid submission. Further, certified copy of all the scanned and uploaded documents as specified in bid document shall have to be submitted by the lowest bidder only within a week physically in the office of tender opening authority.

Online bid documents submitted by intending bidders shall be opened only of those bidders, whose documents scanned and uploaded are found in order.

The eligibility bid shall be opened at **05:30 PM on 14-09-2026**

Opening of financial bid - To be intimated later

10. **The bid submitted shall be come invalid if:**
 - (i) The bidder is found in eligible.
 - (ii) **The bidder does not deposit original EMD with division office of any Executive Engineer/Assistant Engineer, CPWD (The EMD document shall only be issued from the place in which the office of receiving division office is situated).**
 - (iii) The bidder does not upload all the documents (including GST registration) as stipulated in the bid document **including the copy of receipt for deposition of original EMD.**
 - (iv) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted **physically by the bidder** in the office of bid opening authority.
 - (v) If a tender quotes nil rates against each item in item rate tender or does not quote any percentage above/below on the total amount of the tender or any section/sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.
11. The contractor whose bid is accepted will be required to furnish **performance guarantee of 5% (Five Percent)** of the bid amount within the period specified in Schedule F. This guarantee shall be in the form of cash (in case guarantee amount is less than Rs. 10,000/-) or Deposit at Call receipt of any scheduled bank/Banker's cheque of any scheduled bank/Demand Draft of any scheduled bank/Pay order of any Scheduled Bank of any scheduled bank (in case guarantee amount is less than Rs.1,00,000/-)or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F', including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor. The earnest money deposited along with bid shall be returned after receiving the a fore said performance guarantee.
The contractor whose bid is accepted will also be required to furnish either copy of applicable licenses/registrations or proof of applying for obtaining labour licenses, registration with EPFO, ESIC and BOCW Welfare Board **Provident Fund Code No. if applicable and also ensure the compliance of a fore said provisions by the sub-contractors, if any engaged by the contractor for the said work** and Programme Chart (Time and Progress) within the period specified in Schedule F.

Description of the work is as follows **A/R & M/O to various Civil and Electrical installation at Dr. Ram Manohar Lohia Hospital for Residential and Non -Residential Building during 2026-27. (SH: Comprehensive Maintenance of Blue star make VRV/VRF installed at Hematology OPD 3rd Floor & GMAT OT old emergency 1st floor Dr. RML Hospital New Delhi.)** 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 for mandnature 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 bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a 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.

12. The competent authority on behalf of the President of India does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.
13. 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.
14. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.
- 15A. GST or any other tax applicable in respect of inputs procured by the contractor for this contract shall be payable by the contractor and Government will not entertain any claim whatsoever in respect of the same. However, component of GST at time supply of service (as provided in CGST Act 2017) provided by the contract shall be varied if different from that applicable on the last date of receipt of tender including extension if any.
15. The contractor shall not be permitted to bid for works in the CPWD Circle (Division in case of contractors of Horticulture/Nursery category) responsible for award and execution of contracts, in which his near relative is posted a Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the Central Public Works Department or in the Ministry of Urban Development. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.
16. No Engineer of Gazetted Rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the contractor's service.
17. The bid for the works shall remain open for acceptance for a period of ~~thirty/ forty-five /sixty/seventy five/ninety~~ **(30/45/60/75/90)** days from the date of opening of bids. If any bidders withdraws his bid before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the bid which are not acceptable to the

department, then the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the bidders shall not be allowed to participate in there bidding process of the work.

18. This notice inviting Bid shall form a part of the contract document. The success full bidders/contractor, on acceptance of his bid by the Accepting Authority shall within 24 Month from the stipulated date of start of the work, sign the contract consisting of:-
- (a) The Notice Inviting Bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.
 - (b) Standard C.P.W.D. Form 7 or other Standard C.P.W.D. Form as applicable.

**Assistant Engineer (E)-III
For & on behalf of the President
of India**

**GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT**

PERCENTAGE RATE TENDER AND CONTRACT FOR WORKS

- (A) Tender for the work of: **A/R & M/O to various Civil and Electrical installation at Dr. Ram Manohar Lohia Hospital for Residential and Non - Residential Building during 2026-27. (SH: Comprehensive Maintenance of Blue star make VRV/VRF installed at Hematology OPD 3rd Floor & GMAT OT old emergency 1st floor Dr. RML Hospital New Delhi.)**
- (i) To be uploaded by **05:00 PM** hours on **14-09-2026** at etender.cpwd.gov.in
- (ii) To be opened in presence of tenderers who may be present at **05:30 PM** hours on **14-09-2026** in the office of **The Assistant Engineer (E)-III, Dr. RMLHED, CPWD, New Delhi.**

TENDER

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

I/We hereby tender for the execution of the work specified for the President of India within the time specified in Schedule 'F', viz., schedule of quantities and in accordance in all respects with the specifications, designs, drawings and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the Conditions of contract and with such materials as are provided for, by, and in respects in accordance with, such conditions so far as applicable.

The bid for the works shall remain open for acceptance for a period of ~~thirty (30) days from the date of opening of bids in case of single bid system/~~Seventy Five(75) days from the date of opening of technical bid in case bids are invited on 2 bid/envelop system/ ~~One hundred twenty(120) days from the date of opening of technical bid in case bids are invited on 3 bid/envelope system for specialized work (strike out as the case may be).~~If any bidders withdraws his bid before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the bid which are not acceptable to the department, then the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the bidders shall not be allowed to participate in the rebidding process of the work.

A sum of **Rs.6,660/-** is here by forwarded in Cash/Receipt Treasury Challan/ Deposit at call Receipt of a Scheduled Bank/Fixed deposit receipt of scheduled bank/demand draft of a scheduled bank/bank guarantee issued by scheduled bank as earnest money. If I/We fail to commence work as specified, I/We agree that President of India or the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said performance guarantee absolutely. The said Performance Guarantee shall be a guarantee to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form.

Further, I/We agree that in case of forfeiture of 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

AE(E)-III

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 de barred for tendering in CPWD in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Performance Guarantee.

I/We hereby declare that I/We shall treat the tender documents drawings and other records connected with the work as secret/confidential documents and shall not communicate information/derived there from to any person other than a person to whom I/We am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the State.

Dated

Signature of Contractor

Witness:

Postal Address

Address:

Occupation:

ACCEPTANCE

The above tender (as modified by you as provided in the letters mentioned here under) 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:

- (a)
- (b)
- (c)(c)

For & on behalf of President of India

Signature.....

Designation.....

Dated:

‘कार्यो’ की अनुसूचियां **PERFORMA OF SCHEDULES**

A. अनुसूची ‘क’ SCHEDULE ‘A’

मात्राओं की अनुसूची (संलग्न)

Schedule of quantities (Enclosed)

Annexed at page- **Attached**

B. अनुसूची ‘ख’ SCHEDULE ‘B’

ठेकेदार की निर्गत की जाने वाली सामग्रियों की अनुसूची

Schedule of materials to be issued to the contractor.

Sr. No.	Description of item	Quantity	Rates at Which material will be charged to the contractor	The place of issue
1	2	3	4	5
			-----NIL-----	
			(Material required for the work shall be arranged by the Contractor)	

C. अनुसूची ‘ग’ SCHEDULE ‘C’

ठेकेदार को भाड़े पर दिए जाने वाले औजार एवं संयंत्र

Tools and plants to be hired to the contractor

क्रम सं. Sl. No.	विवरण Description	भाड़ा प्रभार प्रतिदिन Hire Charges per day	निर्गत स्थान Place of issue
1	2	3	4
			-----NIL-----

D. अनुसूची ‘घ’ SCHEDULE ‘D’

कार्य के लिए विशेष अपेक्षाएं/दस्तावेज, यदि कोई हों, की अतिरिक्त अनुसूची

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

E. अनुसूची 'ड' SCHEDULE 'E'

ठेके की सामान्य शर्तों का संदर्भ

1. Refrence to General Conditions of contract

कार्य का नाम

Name of work: **A/R & M/O to various Civil and Electrical installation at Dr. Ram Manohar Lohia Hospital for Residential and Non -Residential Building during 2026-27. (SH: Comprehensive Maintenance of Blue star make VRV/VRF installed at Hemetology OPD 3rd Floor & GMAT OT old emergency 1st floor Dr. RML Hospital New Delhi.)**

कार्य की अनुमानित लागत

Estimated cost of work:

Rs. 3,32,992/-

(i) धरोहर राशि

1. Earnest money:

Rs. 6,660/- (In favour of EE, Dr. RMLHD, CPWD, New Delhi)

(ii) निष्पादन गारंटी

Performance guarantee :

5% of the Estimated cost put to tender (ECPT) or contract amount whichever is higher i/c additional performance guarantee (as amended OM No. DG/CON/Maintenance 2023/18 Dt. 27.02.2028 & DG/Manual-2024/20 Dt. 27.02.2026 upto date

(iii) प्रतिभूति निक्षेप:

Security Deposit:

2.5% of the tendered value of the work

F. अनुसूची 'च' SCHEDULE 'F'

सामान्य नियम एवं दिशानिर्देश

General Rules & Directions:

General Conditions of Contract for CPWD (Maintenance Works) with up to date amendments

Officer inviting tender	Assistant Engineer (E)-III, RMLHED, C.P.W.D., New Delhi.
Maximum percentage of quantity of items of work to be executed beyond which rates are to be determined in accordance with Clause 12.2.& 12.3	See <i>Clause 12.2 & 12.3</i>

परिभाषायें **Definitions:**

2(v) भारसाधक इंजीनियर

Engineer-in-Charge

Assistant Engineer (E)-III, RMLHED
CPWD, New Delhi.

2(viii) स्वीकार कर्ता प्राधिकारी

Accepting Authority
(Eligibility/Technical bid)

Assistant (E)-III, RMLHED
CPWD, New Delhi.

(Financial bid)

Assistant Engineer (E)-III, RMLHED
CPWD, New Delhi.

- 2(x) अतिरिक्त और लाभों को पूरा करने के लिए सामग्रियों एवं श्रम की लागत पर प्रतिशतता
Percentage on cost of materials and labour to cover all overheads and profits. 15%
- 2(xi) दरों की मानक अनुसूची
Standard schedule of Rates: Market Rate and DSR
- 2(xii) विभाग
Department Central Public Works Department
- 9(ii) मानक के.लो.नि.वि. ठेका फार्म 7.....
तक संशोधित और शोधित के.लो.नि.वि. Amendments upto date shall be read with NIT Standard CPWD contract form7

खण्ड Clause 1

- (i) स्वीकृति पत्र जारी होने की तारीख से निष्पादन गारंटी के प्रस्तुतीकरण के लिए अनुमत समय, दिनोंमें।
Time allowed for submission of Performance Guarantee from the date of issue of letter of acceptance, in days 7 Days
- (ii) एक्स टेंशन, दिनों में
Maximum allowable extension 3 Days
With late fee @0.1% per day of Performance Guarantee amount beyond the periodas provided in (i) above in

खण्ड Clause 2

खण्ड 2 के तहत प्रति कर निश्चित करने वाला प्राधिकारी

Authority for fixing

compensation under clause 2 SE (DC- IX), CPWD, I.P. BHAWAN or Successor thereof
Or Successor thereof

खण्ड Clause 2A-

क्या खण्ड 2 क लागू होगा।

Whether Clause 2A shall be applicable.

No

खण्ड Clause 5

कार्य आरम्भ करने की तारीख की गणना के लिए स्वीकृति पत्र जारी होने की तारीख से अधिकतम दिनों की संख्या.....दिन
Maximum number of days from the date of issue of letter of acceptance for reckoning date of start.

10 Days

लक्ष्य मील-पत्थर। सारणी: लक्ष्य नीचे दी गई सारणी अनुसार

कार्य निष्पादित करने के लिए अनुमत्य समय

Time allowed for execution of work

08 Months

Authority to decide

(i) Authority to convey the decision of shifting of milestone and extension of time

Executive Engineer (E), RML
Hospital Electrical Division, CPWD,
New Delhi or his successor

(ii) Authority to decide rescheduling of milestone and extension of time

Superintending Engineer, DC 9,
CPWD, New Delhi or his successor

(ii) Shifting of date of start in case of delay in handing over of site.

Superintending Engineer, DC 9,
CPWD, New Delhi or his successor

खण्ड Clause 6,

खंड लागू- (6) /

Clause applicable -(6)

EMB (Electronic Measurement Book) through ERP
(As per circular DG/CON-Maintenance2020/338 dt. 13.04.2023)

खण्ड Clause 7

अंतरिम भुगतान के लिए पात्र होने के लिए अंतिम ऐसे भुगतान के बाद कुल भुगतान एकत्रित सामग्रियों के अग्रिमों के समायोजन सहित किया जाने वाला कुल कार्य

Gross work to be done together with net payment/adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment

Clause 7 GCC

Clause 10A

कार्य स्थल प्रयोगशाला में टेकेदार द्वारा उलब्ध कराये जाने परीक्षण उपकरण की सूची

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

-----NIL-----

Clause 10B(ii)-

Whether Clause 10B(ii) shall be applicable

Not applicable

Clause 10C-

Whether clause 10C shall be applicable

Not applicable

Clause 10CA –

Whether clause 10CA shall be applicable

Not applicable

Materials covered under this clause	Nearest Materials (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*
----- Not applicable -----		

खण्ड.10 Clause 10CC

खण्ड 10 ग ग उन संविदा ओंपर लागू होगा जिस में कार्य समापन की अवधि, अगले कालम में दर्शायीगई अवधि से अधिक अनुबंधित है।

Claude 10CC to be applicable in contracts with stipulated period of completion exceeding the period shown in the next column.

NA

मूल्य वृद्धि के लिए अन्य सामग्री, श्रम, पी.ओ.एल आदि के घटकों की अनुसूची।
Schedule of component of other Materials, Labour, POL etc. for price escalation.

निर्माण कार्य सामग्री के लिए सिविल घटक (खंड 10 ग के अन्तर्गत शामिल सामग्रियों को छोड़कर)/वैधुत कार्य में कुल मूल्य के प्रतिषत के रूप में प्रदर्षित

Component of Civil – (Except material covered under clause 10CA)Electrical construction materials expressed as percent of total value of work
श्रम के घटक के कुल मूल्य की प्रतिषत के रूपमें प्रदर्षित

NIL

Xm.....%

Component of Labour expressed as Percent of total value of workY.....%

NIL

पी.ओ.एल के घटक—कार्य के कुल मूल्य के प्रतिषत के रूप में प्रदर्षित
Component of POL expressed as Percent of total value of work

NIL

Z.....%

खण्ड Clause 11

कार्य निष्पादन के लिए अनुपालन किए जाने वाले विनिर्देश

खण्ड Clause 12

विचलन सीमा, जिसकेपरे खण्ड 12.2 तथा 12.3 निर्माण कार्य के लिए लागू होंगे

12.2 & 12.3 Deviation Limit beyond which clauses

12.2 & 12.3 shall apply for building work

As per CPWD work manual- 2024 & GCC updated

12.5 (i) Deviation Limit beyond which clauses

12.2 & 12.3 shall apply for foundation work
(except items mentioned in earth work sub head
in DSR and related items)

As per CPWD work manual- 2024 & GCC updated

(ii) Deviation Limit for items mentioned in earth work
subhead of DSR and related items

As per CPWD work manual- 2024 & GCC updated

खण्ड Clause 16

घटी हुई दरे निर्धारित करने की

लिए सक्षम प्राधिकारी

Competent Authority for reduced rate

SE DC- 9 CPWD, I.P. Bhawan
Or Successor Thereof

खंड Clause 18

कार्य स्थल पर ठेकेदार द्वारा लगाये
जाने वाली अनिवार्य मशीनरी, औजार
एवं सयंत्रों की सूची:

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

As required for timely execution of work.
Decision of Engineer-in-Charge shall be final and
binding.

Clause 19C: Authority to decide penalty for each default :

Engineer-in-charge

Clause 19D: Authority to decide penalty for each default :

Engineer-in-charge

Clause 19G: Authority to decide penalty for each default :

Engineer-in-charge

Clause 19K: Authority to decide penalty for each default :

Engineer-in-charge

Clause 25

Constitution of Dispute Redressal Committee (DRC)	
(a) Name of Chairman of DRC: -	Chief Engineer (NDZ-III), CPWD, R.K. Puram, New Delhi.
(b) Name of DRC Member Secretary:-	Superintending Engineer, DC-9, CPWD, I.P Bhawan, New Delhi
(d) Name of Member DRC:-	Superintending Engineer, Delhi Circle- 4, CPWD, New Delhi.

(e) Case Presenter to DRC

EE (E) RMLHED

Clause 32 (i): Requirement of Technical Representative(s) and Recovery Rate]

Sl. No. of cost of work (Rs. in Crore)	Requirement of Technical staff		Minimum experience (Years)	Designation of Technical staff	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of Clause 36(i)	
	Qualificati on	Number (of Major + Minor Component)			Figures	Words
NIL						

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

Part A	Portion without any hindrance	Site is available.
Part B	Portions with encumbrances	
Part C	Portions dependent on work of other agencies	

PART-B

TERMS AND CONDITIONS

1. The work has to be carried out as per CPWD Specifications for Heating, Ventilation & Air Conditioning (HVAC) works (2017) & Internal Electrical Works 2013 & External Work- 1994 and in accordance with Indian Electricity Rules, 1956, Indian Electricity Act, 2003 as amended upto date and as per instructions of the Engineer-in-Charge including as below and nothing will be paid extra.
2. No T&P shall be issued by the Deptt. to the contractor.
3. Power Supply for installation and testing shall be given by the department without any charge.
4. The rate quoted by the contractor should be inclusive of all Taxes, Cartage, Packing & Forwarding, Loading & Unloading, Installation, Testing & Commissioning at site of work.
5. The contractor shall be responsible for any damage done to the building or electrical installations during the execution of the work. Damage, if any, shall have to be made good by the contractor at his own cost failing which the same shall be got rectified & made good at the risk & cost of the contractor.
6. During execution of work if any accident occurs it will be responsible of the contractor for any claim to Human Lives etc.
7. The tenderer should in his own interest visit the site and familiarize himself with the site conditions before tendering. For any clarification tenderer may discuss with the engineer-in-charge.
8. Making opening and its repair in the walls/floors/slabs or modification in the existing opening for pipes/cables is to be done by the tenderer free of cost.
9. Complete testing is to be given up to full satisfaction of the engineer-in-charge.
10. The materials shall be procured only from the manufacturers or their authorized dealers & documentary proof for such procurement & supply shall be produced by the contractor if desired by the department. The department reserves the right to send such materials to the manufacturers or authorized test laboratory to verify the genuineness & quality of the product. Contractor shall preserve the copies of invoices, test certificates, gate passes etc. to prove the genuineness of material / purchases. The responsibility of procurement, genuine material of specialized works shall rest with the contractor.
11. In case of any fault/ break down in VRF system or verbally/ writing complaint, the same shall be attended immediately within 24 hrs and action taken shall be informed to the department accordingly.
12. The work shall be carried out in engineering like manner & bad workmanship shall be rejected summarily. For redoing the job, no claim of the contractor shall be entertained on this account.
13. The site shall be cleared of malba, debris etc. due to execution of work at site by the contractor without any extra cost to the department.
14. The contractor or his authorized representative shall sign the site order book & comply with the remarks entered therein by the Engineer-in-charge or his representative.
15. The watch & ward of the materials & of the installations would be responsibility of the contractor till the work is completed / handed over. Nothing extra shall be paid to the contractor on this account.
16. Preferred makes : - (As per schedule of work / sheet attached)
17. All the material shall be got approved by engineer-in-charge before use at site.
18. The agency has to submit the Challan/purchase documents along with materials as reqd.
19. The contractor is required to submit documentary evidences such as delivery challan/test report of material/bill/invoice/ for purchase of material used in work from Authorized dealer/Manufacture of make of material mentioned in NIT if required by the department for genuine of material.
20. The firm has to do routine service, routine inspection checking & servicing the air conditioner. The firm has to attend the breakdown, call immediately. Nothing extra shall be paid on this account.

सहायक अभियंता (वै.)-III

ACCEPTABLE MAKES OF MATERIALS USED

S.No.	Items	Make
1	As per OEM standards	Blue star
2	All other items	As approved by Engineer In-charge.

All the materials shall be used confirm to relevant Indian Standard Specification and where ever available material with ISI Certification Mark shall be used.

Note:- The decision of Engineer-in-charge regarding the model of make shall be final and binding based on the prevailing model at the time of execution.

सहायक अभियंता (वै.)-III
डा० राम मनोहर लोहिया अस्पताल वैद्युत मंडल,
के.लो.नि.वि., नई दिल्ली |

COVID-19 Conditions

1. As the hospital is taking care of COVID as well as Non-COVID patients. Agency is to make all necessary precautionary arrangements like PPE kit, Masks, Sanitizers etc. for their site Engineer and / or workers at their own. Agency is expected to quote their rates considering these conditions. Nothing extra over and above the quoted rates shall be payable on this account.
2. The maintenance of hospital building is very important nature and work to be executed is fixed timeline manner. In case of Non-compliance of work within Stipulated period as specified department reserve the right to recommend to the competent authority to take any action as deemed of part from levy of compensation to black listing from taking up any further work in entire CPWD for next one year.
3. Country is passing through COVID-19 pandemic. Government of India has issued various advisories in terms of maintaining social-distancing, use of sanitizers, masks, etc. by the engineers and / or workers. These advisories and guidelines issued by the Government time to time are to be followed strictly. In case of any traffic restriction by Government in certain areas, agency has to make alternate arrangements at their own to ensure availability of required manpower and materials for unhindered execution of work. Rates quoted by agencies shall be inclusive of following to all such advisories. Nothing extra over and above the quoted rates shall be payable on this account.
4. Work may have to be carried out during odd hours and/or during night shift as per availability of site/work area. Rates quoted by agencies shall be inclusive of every single component likely to be involved for working under such conditions. Nothing extra over and above the quoted rates shall be payable on this account.

सहायक अभियंता (वै.)-III

डा० राम मनोहर लोहिया अस्पताल वैद्युत मंडल,
के.लो.नि.वि., नई दिल्ली।

Schedule of Work

Name of Work :- A/R & M/O to various Civil and Electrical installation at Dr. Ram Manohar Lohia Hospital for Residential and Non -Residential Building during 2026-27. (SH: Comprehensive Maintenance of Blue star make VRV/VRF installed at Hematology OPD 3rd Floor & GMAT OT old emergency Ist floor Dr. RML Hospital New Delhi.)

S. No	Description of work	Qty.		Rate	Unit	Amount
1	Annual Comprehensive Maintenance service contract for VRV/VRF air-conditioning system including parts / components / complete replacement, consumables, refrigerant, oil, compressor motor control complete as required except electric power supply, periodical checking of all equipments, cleaning, diagnosis, preventive maintenance / overhauling etc as required for satisfactory working of the HVAC System for 1x22 = 22 HP VRF Outdoor Unit at Old emergency Ist floor GMAT OT.	22.00	HP		Per HP	
		8.00	Month	473.00	Per Month	83248.00
2	Annual Comprehensive Maintenance service contract for VRV/VRF air-conditioning system including parts / components / complete replacement, consumables, refrigerant, oil, compressor motor control complete as required except electric power supply, periodical checking of all equipments, cleaning, diagnosis, preventive maintenance / overhauling etc as required for satisfactory working of the HVAC System for 22x3 = 66 HP VRF Outdoor Unit at OPD 3rd Floor Hematology.	66.00	HP		Per HP	
		8.00	Month	473.00	Per Month	249744.00
Total						332992.00

सहायक अभियंता (वै.)-III
डा० राम मनोहर लोहिया अस्पताल वैद्युत मंडल,
के.लो.नि.वि., नई दिल्ली |

केंद्रीय लोक निर्माण विभाग Central Public Works Department					
नाइट नं. N.I.T. No.:-	22/AE(E)-III/Dr. RMLHED/2026-27				
लाइन नं. Line No.:-	1				
कार्य का नाम Name of Work/ Description:-	A/R & M/O to various Civil and Electrical installation at Dr. Ram Manohar Lohia Hospital for Residential and Non -Residential Building during 2026-27. (SH: Comprehensive Maintenance of Blue star make VRV/VRF installed at Hematology OPD 3rd Floor & GMAT OT old emergency 1st floor Dr. RML Hospital New Delhi.)				
मात्रा की अनुसूची <u>SCHEDULE OF QUANTITY</u>					
ठेकेदार का नाम Name of the Contractor					
क्रम संख्या Sl.No.	घटकका नाम Name of Component	अनुमानितलागत Estimated cost	अनुमानितलागत से ऊपर या नीचे का प्रतिशत Percentage above or below the estimated cost	% अंकों में % in Figures	कुललागत Total Cost
1	As per SOW	3,32,992.00/-			
	Grand Total	कुल योग			
NOTE:					
2. If any cells (Rates) left Blank, then the same will be treated as "Zero".					
Note to CPWD Department / User :					
DO's					
1.User can Add / Delete Multiple Rows in this Schedule Template, as required for additional decryption / items.					
2. If User Add Multiple Rows, User must Ensure to fill in all the required descriptions & required amount calculation's					
DON'T's					
1. Department user should not change the Structure / Format / Adding Columns of the Sample Schedule Template. (Any Assistance May contact E-Procurement Helpdesk)					
2.Department user should not protect the Financial Schedule Template (BOQ/SOQ). E-Procurement portal will protect the files and necessary cells automatically.					
Note To Contractors /Vendors:					
DO's					
1. Contractor / Vendor has to mandatorily fill in their Firm Name under "Name of the Contractor".					
DON'T's					
1. Contractor / Vendor should fill in the rate and then upload the same file without changing the Schedule / BOQ File Name					