

ई-निविदा आमन्त्रण सूचना

सहायक अभियन्ता(वै०), गाजियाबाद उप-मंडल, केलोनिवि, सी.जी.ओ भवन, गाजियाबाद-201001 के द्वारा भारत के राष्ट्रपति की ओर से निम्नलिखित कार्य के लिए ऑनलाईन दर प्रतिशत निविदा “approved and eligible CPWD Building & Roads Category Contractor or specialized agency for the following work(s) में आमन्त्रित की जाती हैं।

नि.आ.सू.स०. **94/AE(E)/GESD/2026-27**

कार्यकानाम: **SITC OF LAN SYSTEM AT CHIEF OFFICE IN CGO COMPLEX-1, HAPUR CHUNGI GHAZIABAD.**

अनुमानित लागत: रू०. **5,89,750/-**

धरोहर राशि: रू. **11,795/-**

समापन की अवधि: **1 माह**

निविदा भरने की अन्तिम तिथि एवं समय: **11.08.2026** को 15:00 बजे तक।

निविदा खुलने की तिथि एवं समय: **11.08.2026** को 15:30 बजे तक।

Tender forms and other details can be obtain from the website <http://etender.cpwd.gov.in>

54(1)/स०अभि०(वै०)/गाजियाबाद/2026-27/

दिनांक:

प्रतिलिपि:

1. मंडल कार्यालय के अधीनस्थ सभी सहायक अभियन्ताओं (वै०) को सूचनार्थ प्रेषित।
2. सूचनापट, केलोनिवि०, हिण्डन, गाजियाबाद।
3. निविदाआमन्त्रणसूचना।
4. <http://etender.cpwd.gov.in>

सहायक अभियन्ता (वै०)

**INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR E-TENDERING FORMING
PART OF BID DOCUMENT
(Applicable for inviting open bids)**

The Assistant Engineer (E), Ghaziabad Electrical Sub Division, CPWD, CGO Building Ghaziabad, (0120-2723632) on behalf of the President of India, invites notice online percentage rate e-tenders from “approved and eligible CPWD Building & Roads Category Contractor or specialized agency for the following work(s)

S. No.	NIT NO.	Name of work & Location	Estimated cost put to tender	Earnest Money	Stipulated Period of Completion of work	Last date of online Submission of bid, copy of receipt of deposition of original EMD, and other documents as specified in the bid document.	date & Time of opening of bid.
1	2	3	4	5	6	7	8
1-	94/AE(E)/GESD/2026-27	SITC OF LAN SYSTEM AT CHIEF OFFICE IN CGO COMPLEX-1, HAPUR CHUNGI GHAZIABAD.	Rs. 5,89,750/-	Rs. 11,795/-	1 (One) Month	Upto 15:00 PM on 11.08.2026	AT 15:30 PM on 11.08.2026

- The intending bidder must read the terms and conditions of **CPWD-6** carefully. He should only submit his tender if he considers himself eligible and he is in possession of all the documents required.
- Information and Instructions for bidders posted on website shall form part of tender document.
- The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website <https://etender.cpwd.gov.in> or www.cpwd.gov.in free of cost.
- But the bid can only be submitted **after deposition of original EMD either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission** and uploading the mandatory scanned documents such as Insurance Surety Bonds, Account Payee Demand Draft or Banker's Cheque or Fixed Deposit Receipts or / and Bank Guarantee (for balance amount as prescribed) from any Commercial Bank towards EMD in favour of **the Executive Engineer (E), Hindan Central Electrical Division, CPWD, AFS Hindan, Ghaziabad**, receipt for deposition of original EMD to division office of any Executive Engineer, (including NIT issuing EE/AE)CPWD and other documents as specified.

5. Those contractors who are not registered or have not updated their profile on the website mentioned above, are required to get registered /update their profile beforehand. The necessary training materials including the videos with step-to-step process are available on download section of <https://etender.cpwd.gov.in>.
6. The intending bidder must have valid class-III digital signature **certificate with the encryption key (combo type) to perform any operations / transactions on the e-tendering portal/ website and the bidder should download and install the eMsigner on their system as per instructions available on download section of <https://etender.cpwd.gov.in>.**
7. On opening date, the contractor can login and see the tender opening process. After opening of tenders, he will receive the competitor tender sheets.
8. Contractor can upload documents in the form of JPG format and PDF format.
9. Contractor must ensure to quote rate in the prescribed column (s) meant for quoting rate in figures appears in **Yellow** colour and the moment rate is entered, it turns **sky blue**.

In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as “0”.

Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as “0” (ZERO).

However, if a tenderer quotes nil rates against each item in the item rate tender or does not quote any percentage above/below on the total amount of the tender or any section/ sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.

10. SC/ST contractors enlisted under class V category are exempted from processing fee payable to ITI.
11. **If the bidder has not possessed valid electrical license of appropriate voltage to execute electrical work, then in such a case the bidder shall scan and upload following under taking along with other bid documents.**
“If work is awarded to me, I/we shall either obtain valid electrical license at the time of execution of electrical work or associates with contractor registered in Buildings & Roads Category in appropriate class in CPWD for execution of the above said work possessing Valid Electrical License of appropriate issued by competent authority”

(A) The building category contractor shall have to associate other agency for execution of this work, which fulfills the eligibility criteria mentioned below.

Associate agency should have satisfactorily completed following works during last seven years ending previous day of last day of submission of bids.

- a)(i) **Three similar works each of value not less than 40 % of Estimated cost put to tender.**
- OR**
- ii **Two similar works each of value not less than Rs 60 % of Estimated cost put to tender .**
- OR**
- iii **One similar work of value not less than Rs. 80 % of Estimated cost put to tender .**

Similar work shall mean works of “SITC of LAN System”

The value of executed works shall be brought to current costing level by enhancing the value of work at simple rate of 7% per annum; calculated from the date of completion to previous day of last date of submission of bids.

(B) **Specialized agency who fulfill the following requirements shall be eligible to apply.**

Eligibility criteria:- Experience of having successfully completed works during that last seven year ending previous day of last date of submission of tender.

(i) **Three similar works each of value not less than 40 % of Estimated cost put to tender.**

OR

ii **Two similar works each of value not less than Rs 60 % of Estimated cost put to tender .**

OR

iii **One similar work of value not less than Rs. 80 % of Estimated cost put to tender .**

Similar works means work of “SITC of LAN System”

The value of executed works shall be brought to current costing level by enhancing the value of work at simple rate of 7% per annum; calculated from the date of completion to previous day of last day of submission of bids.

For Building Category:-

- I. Insurance Surety Bonds/Account Payee Demand Draft/ Fixed Deposit Receipt/Banker's Cheque / Bank Guarantee of any Commercial Bank against EMD
- II. Copy of receipt for deposition of original EMD issued from division office of any Executive Engineer, CPWD.
- III. Enlistment Order of the Contractor.
- IV. Certificate of ERP training issued through LMS, CPWD.
- V. Copy of bidder Pan Card.
- VI. Firm should have valid electrical contractor's License/ undertaking that the electrical work shall be got executed by the contractor having valid electrical contractor's License in case contractor himself is not having valid electrical contractor's License.
- 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.

For For Specialized Agency:-

- I. Insurance Surety Bonds/Account Payee Demand Draft/ Fixed Deposit Receipt/Banker's Cheque / Bank Guarantee of any Commercial Bank against EMD
- II. Copy of receipt for deposition of original EMD issued from division office of any Executive Engineer, CPWD.
- III. Completion Certificate of Similar works issued by appropriate authority.
- IV. Certificate of ERP training issued through LMS, CPWD.
- V. Copy of bidder Pan Card.
- VI. 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.

Assistant Engineer (E.)

**GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT
NOTICE INVITING TENDER**

Percentage rate bids are invited on behalf of the President of India, invites notice online percentage rate e-tenders from “approved and eligible CPWD Building & Roads Category Contractor or specialized agency for the following work(s)

SITC OF LAN SYSTEM AT CHIEF OFFICE IN CGO COMPLEX-1, HAPUR CHUNGI GHAZIABAD.

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. 5,89,750/-**. This estimate, however, is given merely as a rough guide.

1.2 Intending bidders 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:-

2. Agreement shall be drawn with the successful bidders on prescribed Form No. CPWD 7 (or other Standard Form as mentioned) which is available as a Govt. of India Publication and also available on website <http://etender.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 **1 (One) 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. The site for the work is available.

~~(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 <http://etender.cpwd.gov.in>

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. Insurance Surety Bonds/Account Payee Demand Draft/ Fixed Deposit Receipt/Banker's Cheque Bank Guarantee of any Commercial Bank against EMD (drawn in favour of Executive Engineer (E), HCED, CPWD, HAF, HINDAN, GHAZIABAD) shall be scanned and uploaded to the e-Tendering website within the period of bid submission. The original EMD should be deposited either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission. The EMD receiving Executive Engineer (including NIT issuing EE/AE) shall issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format (enclosed) uploaded by tender inviting EE in the NIT.

A part of earnest money is acceptable in the form of bank guarantee also. In such case, minimum 50% of earnest money or Rs. 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 six months or more from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders.

Copy of Enlistment Order and certificate of work experience and other documents shall be scanned and uploaded to the e-Tendering website within the period of bid submission. Online bid documents submitted by intending bidders shall be opened only of those bidders, whose original EMD deposited with any division of CPWD and other documents scanned and uploaded are found in order.

9A The contractors registered prior to 01.04.2015 on e-tendering portal of CPWD shall have to deposit tender processing fee at existing rates, or they have option to switch over to the new registration system without tender processing fee any time.

The bid submitted shall be opened at **15:30 PM on 11.08.2026**

10. The bid submitted shall become invalid and e-Tender processing fee shall not be refunded if:
- (i) The bidder is found ineligible.
 - (ii) The bidder does not upload scanned copies of all the documents stipulated in the bid document.
 - (iii) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid.
 - (iv) If a tenderer quotes nil rates against each item in item rate tender or does not quote any percentage above/below on the total amount of the tender or any section / sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.

1. The contractor whose bid is accepted will be required to furnish performance guarantee of 5% of the estimated cost put to tender (ECPT) or contract amount whichever is higher. The Additional Performance Guarantee (APG) shall be equivalent to the difference between the 80% amount of ECPT and quoted amount. Direction in Performance Guarantee as per OM no. DG/Manual -2024/20 dated 27-02-2026 issued from file no. CSQ/CM/16(1)/2026 e file 9212995(DFA/9365789). This guarantee shall be in the form of earnest money Deposit at Call receipt of any scheduled bank/Banker's cheque of any scheduled Account Payee, Demand Draft of any scheduled bank/ Insurance Surety Bonds 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 alongwith bid shall be returned after receiving the aforesaid performance guarantee. The contractor whose bid is accepted will also be required to furnish either copy of applicable licenses/registrations or proof of applying for obtaining labour licenses, registration with EPFO, ESIC and BOCW Welfare Board including Provident Fund Code No. If applicable and also ensure the compliance of aforesaid provisions by the sub contractors, if any engaged by the contractor for the said work within the period specified in Schedule F.

2. The description of the work is as follows:

SITC OF LAN SYSTEM AT CHIEF OFFICE IN CGO COMPLEX-1, HAPUR CHUNGI GHAZIABAD.

Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidders shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidders implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.

13- The competent authority on behalf of the President of India does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.

14. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable for rejection.

15. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.

16. The contractor shall not be permitted to bid for works in the CPWD Circle (Division in case of contractors of Horticulture/Nursery category) responsible for award and execution of contracts, in which his near relative is posted a Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the Central Public Works Department or in the Ministry of Urban Development. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.

17. No Engineer of Gazetted Rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the contractor's service.

18. The bid for the works shall remain open for acceptance for a period of **thirty(30)days** from the date of opening of bids (i) If any tenderer withdraws his tender or makes any modification in the terms & conditions of the tender which is not acceptable to the department within 7 days **after last date of submission of bids**, then the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the earnest money absolutely **irrespective of letter of acceptance for the work is issued or not.**(ii) If any tenderer withdraws his tender or makes any modification in the terms & conditions of the tender which is not acceptable to the department after expiry of 7 days **after last date of submission of bids**, then the Government shall without prejudice to any other right or remedy, be at liberty to forfeit 100% of the earnest money absolutely **irrespective of letter of acceptance for the work is issued or not.** Further the bidders shall not be allowed to participate in the rebidding process of the work

19. This notice inviting Bid shall form a part of the contract document. The successful bidders/contractor, on acceptance of his bid by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of:-

(a) The Notice Inviting Bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.

(b) Standard C.P.W.D. Form 7/8 or other Standard C.P.W.D. Form as applicable.

20 Information and instruction for Executive Engineer for e-tendering :-

1. The Executive Engineer of all divisions of CPWD should receive the original EMD for tender of other division.
2. The NIT approving authority/EE at the time of issue of NIT shall also fill and upload the following prescribed format of receipt of deposition of original EMD alongwith NIT :-

***Name of work:- SITC OF LAN SYSTEM AT CHIEF OFFICE IN CGO COMPLEX-1, HAPUR CHUNGI GHAZIABAD.**

1.	*NIT No	94/AE(E)/GESD/2026-27
2.	*Estimated cost	Rs. 5,89,750/-
3.	*Amount of Earnest Money Deposit	Rs. 11,795/-
4.	*Last date of submission of bid	11.08.2026

*(*To be filled by NIT approving authority/EE at the time of issue of NIT and uploaded alongwith NIT)*

Receipt of deposition of original EMD

(Receipt No..... date)

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

Signature, Name and Designation of EMD receiving officer (EE/AAO/AE(P/AE) alongwith Office stamp

(#To be filled by EMD receiving EE)

1. The Executive Engineering receiving EMD in original form shall examine the EMD deposited by the bidder and shall issue a receipt of deposition of earnest money to the agency in a given format uploaded by tender inviting EE. The receipt may be issued by the AE(P) /AAO/EE/AE
2. The Executive Engineer receiving original EMD shall also intimated tender inviting Executive Engineer about deposition of EMD by the agency by e-mail/fax/telephonically.
3. The original EMD receiving Executive Engineer shall release the EMD after verification from the e-tendering portal website (www.tenderwizard.com>tender free view>advance search>awarded tenders) that the particular contractor is not L-1 tenderer and work is awarded.
4. The tender inviting Executive Engineer will call for original EMD of the L-1 tenderer from EMD receiving Executive Engineer immediately.
5. Earnest Money in the form of Treasury Challan or Demand Draft or Pay order or Banker's Cheque or Deposit at Call Receipt or Fixed Deposit Receipt (drawn in favour of **Executive Engineer (E), HCED, CPWD, HAF, HINDAN, GHAZIABAD**)

Assistant Engineer (E),
Ghaziabad Elect. Sub Division,
CPWD, CGO Building, Kamla Nehru Nagar, Ghaziabad

CPWD – 7/8

CPWD

**GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT**

Percentage Rate Tender & Contract for Works

(A) Tender for the work of:-

SITC OF LAN SYSTEM AT CHIEF OFFICE IN CGO COMPLEX-1, HAPUR CHUNGI GHAZIABAD.

(i) To be submitted on-line by 15:00 P.M. hours on **11.08.2026** to **Assistnat Engineer (E),GESD, GED,CPWD,CGO, Ghaziabad**

(ii) To be opened on-line in presence of tenderers who may be present at 15:30 P.M hours on **11.08.2026** in the office of **Assistnat Engineer (E),GESD, GED,CPWD,CGO, Ghaziabad**

Issued to

Signature of officer issuing the documents

Designation

Date of Issue

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 respect with the specifications, designs, drawing 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 respect of accordance with, such conditions so far as applicable.

We agree to keep the tender open for **Thirty (30) days** from the date of opening of financial bid and not to make any modification in its terms and conditions.

CPWD – 7/8

CPWD

A sum of **Rs. 11,795/-** is hereby forwarded in cash at liberty to forfeit the said earnest money absolutely. Further, if I/We fail to commence work as specified, I/We agree that President of India or the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said performance guarantee absolutely. The said Performance Guarantee shall be a guarantee to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form. Further, I/We agree that in case of forfeiture of Earnest Money or Performance Guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work.

I/We undertake and confirm that eligible similar work(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I/We shall be debarred for tendering in CPWD in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.

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

Dated:

Signature of Contractor

Witness:

Postal Address

Address:

Occupation:

ACCEPTANCE

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

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

(a)

(b)

(c)

For & on behalf of President of India

Signature

Dated:

Designation

PROFORMA OF SCHEDULES CPWD	CPWD
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PROFORMA OF SCHEDULES

SCHEDULE 'A'

Schedule of quantities- Enclosed in Page No: - 41-43

SCHEDULE 'D'

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

NIL

SCHEDULE 'E'

Reference to General Conditions of contract: -

General Conditions of Contract 2023 for Maintenance works for CPWD works (amended with amendments issued up to last date of submission of tender).

Name of work:

**SITC OF LAN SYSTEM AT CHIEF OFFICE IN
CGO COMPLEX-1, HAPUR CHUNGI
GHAZIABAD.**

Estimated cost of work:-

Rs. 5,89,750/-

(i) Earnest money:-

Rs. 11,795/-

(ii) Performance Guarantee:-

5% of the estimated cost put to tender (ECPT) or contract amount whichever is higher.

The Additional Performance Guarantee (APG) shall be equivalent to the difference between the 80% amount of ECPT and quoted amount. Direction in Performance Guarantee as per **OM no. DG/Manual - 2024/20 dated 27-02-2026** issued from file no. CSQ/CM/16(1)/2026 e file 9212995(DFA/9365789). **(Copy attached)**

(iii) Security deposit :-

2.5% of tendered value

SCHEDULE 'F'

General Rules & Directions: -

Officer inviting tender:

Assistant Engineer (E), Ghaziabad. Sub Division-,
CPWD, CGO Building, Kamla Nehru Nagar, Ghaziabad.

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 Clause – 12 below

Definitions:

2 (v) Engineer-in-Charge

Assistant Engineer (E), Ghaziabad. Sub Division-,

CPWD, CGO Building, Kamla Nehru Nagar, Ghaziabad.

2 (viii) Accepting Authority

Assistant Engineer (E), Ghaziabad. Sub Division-,
CPWD, CGO Building, Kamla Nehru Nagar, Ghaziabad

2 (x) Percentage on cost of materials and labour to cover all overheads and profits.

15%

2 (xi) Standard schedule of Rates

DSR 2025 (E&M)

2 (xii) Department

C.P.W.D.

9 (ii) Standard CPWD contract form

General Conditions of Contract 2023 for Maintenance works for CPWD works (amended with amendments issued up to last date of submission of tender).

Clause 1

i) (i) Time allowed for submission of Performance Guarantee from the date of issue of letter of acceptance.

7 Days

ii)

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

3 Days

Clause 2

Authority for fixing compensation under clause 2

**Chief Engineer (GZB), CPWD, Hapur
Chungi, Ghaziabad**

Clause 2A

Whether Clause 2A shall be applicable

No

Clause 5

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

10 Days

**MILE STONE (S), AS PER TABLE GIVEN BELOW
TABLE OF MILE STONE**

Sl. No.	Financial Progress	Time allowed (From date of start)	Amount to be with-held in case of non-achievement of milestone.
			Nil
	Nil	Nil	

Time allowed for execution of work **1 (One) Month**

Authority to decide:	
1. Extension of time	Assistant Engineer (E), Ghaziabad. Sub Division-, CPWD, CGO Building, Kamla Nehru Nagar, Ghaziabad.
2. Rescheduling of mile stones	N/A
3. Shifting of date of start in case of delay in handing over of site.	Assistant Engineer (E), Ghaziabad. Sub Division-, CPWD, CGO Building, Kamla Nehru Nagar, Ghaziabad.

PROFORMA OF SCHEDULES Clause 5 Schedule of handing over of site

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	Full site is available without any hindrance.	10 Days
Part-B	Portions with encumbrances		
Part-C	Portions dependent on work of other agencies		

Clause 5A: **Applicable**

Clause 6:

Mode of measurement

EMB

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.

N/A

Clause 7A

Whether Clause 7A shall be applicable

(a) No running Account bill/Final Bill shall be paid for the work till the applicable labour licenses, registration with EPFO, ESIC and BOCW Welfare Board, whatever applicable are submitted by the contractor to the Engineer-in-charge.

NA

(b) The following documents shall also be part of the bill submitted by the contractor (these documents shall be owned by the contractor) before making payment:-

1. Details of person employed with date of their employment up to previous month.
2. Documents of payment made to the employees directly into their bank account up to previous month.
3. Documents of attendance through biometric attendance or other mode up to previous month.
4. Documents of deposition of EPF and ESI deductions in the employee's accounts up to previous month.
5. Any penalty imposed on the agency for delay in disbursing payment and deposition of EPF and ESI deductions in the employee's accounts up to previous month.
6. Any other documents(s) required as per statutory requirement and/or as directed by Engineer-in-charge.

In case, any of the documents submitted by the contractor is found false/forged at a later date, action for debarment of contractor will be taken by the SE/CE concerned.

Clause 10A

As per Annexure 'A'

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

Equipment required for field test as per specification for the item under execution as per agreement

Clause 10 – B(ii)

Whether clause 10-B(ii) shall be applicable No

Clause 10C - Yes

Component of labour as expressed of value of work N/A

Clause 10 CA**Not Applicable**

Authority to issue base price of material:

<u>Materials covered under this clause</u>	<u>Nearest material (other than cement*, reinforcement bars, the structural steel and POL) for which All India Wholesale price index to be followed.</u>	Base price and its corresponding period of all the materials covered under clause 10CA*
NIL		

* includes cement components use in RMC brought at site from outside approved RMC plants if any.

Clause 10CC

Clause 10CC to be applicable in contracts with
Stipulated period of completion exceeding the period
Shown in next column.

Not Applicable

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

Component of civil (Except materials covered under clause 10 CA)/ Electrical construction materials expressed as percent of total value of work. Xm

Component of labour expressed as percent of total value of work. Y

Component of POL expressed as percent of total value of work. Z

Not Applicable**Clause 11**

Specifications to be followed for execution of work

CPWD General Specifications for Electrical Works Part-I Internal 2023, Part-II (External) 2023, as amended upto date.

Clause 12

**The completion cost shall, in no case, exceed 1.5 times the contract amount.
Work executed beyond above limit will neither be recorded nor be paid.
The contractor will not have any claim(s) whatsoever on this account.**

Clause 16

Competent Authority for deciding reduced rates.

Chief Engineer (GZB), CPWD, HapurChungi, Ghaziabad

Clause 18

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

As per Annexure 'A'

Clause 19 C..... authority to decide penalty for each default **Engineer- in-charge.**

Clause 19 D..... authority to decide penalty for each default **Engineer- in-charge.**

Clause 19 Gauthority to decide penalty for each default **Engineer- in-charge.**

Clause 19 Kauthority to decide penalty for each default **Engineer- in-charge.**

Clause 25

(i)	Conciliator:	ADG(RL), CPWD or his successor thereof.
(ii)	Arbitrator appointing authority:	Chief Engineer (GZB), CPWD, Hapur Chungi, Ghaziabad
(iii)	Place of Arbitration	Ghaziabad

Clause 32**“Requirement of Technical Representative (s) and Recovery Rates”**

Sl. No.	Requirement of Technical		Minimum Experience (Years)	Designation Technical Staff	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 36 (i)	
	Qualification	Number of Major + Minor component			Figures (in Rs.)	Words
1			Nil			

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

Diploma holder with minimum 10 years 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.

Note:- Contractor shall provide documentary proof of employment and payment with each bill to the Engineer for this work under this clause otherwise suitable recovery shall be made by the Engineer-in-charge.

Clause 38

- (i) (a) Schedule/statement for determining theoretical quantity of cement & bitumen on the basis of **Delhi Schedule of Rates (E&M) 2025** printed by CPWD with upto date correction slips till last date of submission of tender.
- (ii) Variations permissible on theoretical quantities:
 - a) Cement
 - (i) For works with estimated cost 3% plus/minus put to tender not more than Rs. 25 lakhs
 - (ii) For works with estimated cost put 2% plus/minus to tender more than Rs 5 lakh
 - b) Bitumen for all works. 2.5% on plus side only & nil on minus side
 - c) Steel Reinforcement and structural steel 2% plus/minus sections for each diameter, section and category.
 - d) All other materials. Nil

Assistant Engineer (E.),

केन्द्रीय लोक निर्माण विभाग
कार्यालय झापन

No. DG/Manual-2024/20

ISSUED BY THE AUTHORITY OF DIRECTOR GENERAL, CPWD

Vidyut Bhawan, New Delhi

Dated: 27.02.2026

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

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

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

(Signature) Jindal
(Contract)

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


 27.02.2026
 ((चन्द्र पाल))
 अधीक्षण अभियंता (सी. एंड एम.)
 Chandar Pal, SE (C&M)

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

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


 27/2/26

D.P. Jindal
EE (Contract)

केन्द्रीय लोक निर्माण विभाग
कार्यालय ज्ञापन

No. DG/SOP-2024/18

ISSUED BY THE AUTHORITY OF DIRECTOR GENERAL, CPWD

Nirman Bhawan, New Delhi

Dated: 05.05.2025

Sub: Modifications in SOP No. 4/1 and Annexure-21 of SOP for CPWD Works Manual 2024-regarding CPWD -6 for E-tendering.

Following modifications are made in SOP No. 4/1 and Annexure-21 of SOP for CPWD Works Manual 2024:

Existing Provision	Modified Provision
SOP No. 4/1: E-Tendering (Refer Para 4.4(3)) 11. Processing of E-Tenders (16) The following instructions are scrupulously followed while processing the tenders: (i) The tenderers are not expected to make any post-tender modifications. Any such case is viewed seriously and under the provisions of Form CPWD 6, the matter is reported to the concerned Enlisting Authority for disciplinary action to be taken under the Rules for Enlistment of Contractors. In any case, such modifications are not considered by tender accepting authority.	SOP No. 4/1: E-Tendering (Refer Para 4.4 (3)) 11. Processing of E-Tenders (16) The following instructions are scrupulously followed while processing the tenders: (i) No post-tender modification is allowed by the tenderers except through negotiations, if required. In case, any tenderer does so, the tender will be rejected and the tenderer will be debarred for future tendering in CPWD for two years by the concerned enlisting authority (in case of CPWD enlisted contractor) and by the concerned CE/SE (in case of non-enlisted contractor).
ANNEXURE- 21 (Refer SOP No 4/8 & 4/9) CPWD-6 FOR E- TENDERING 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. 18. The bids for the work shall remain open for in case bids are invited in 2 or 3 bid system. Further	ANNEXURE- 21 (Refer SOP No 4/8 & 4/9) CPWD-6 FOR E- TENDERING 6. After submission of the bid the contractor can re-submit revised bid any number of times or withdraw it before last date and time of submission of bid as notified. No post-tender modification is allowed by the tenderers except through negotiations, if required. In case, any tenderer does so, the tender will be rejected and the tenderer will be debarred for future tendering in CPWD for two years by the concerned enlisting authority (in case of CPWD enlisted contractor) and by the concerned CE/SE (in case of non-enlisted contractor). 18. The bids for the work shall remain open for in case bids are invited in 2 or 3 bid system. Further:

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05.05.25
R K SINGH
EE(Manual)

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SE/CAM

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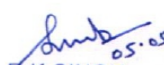
(i) If any tenderer withdraws his tender or makes any modification in the terms & conditions of the tender which is not acceptable to the department within 7 days after last date of submission of bids, letter of acceptance for the work is issued or not. (ii) If any tenderer withdraws his tender or makes any modification in the terms & conditions of the tender which is not acceptable to the department after expiry of 7 days after last date of submission of bids, letter of acceptance for the work is issued or not. No Provision (iii) In case of forfeiture of earnest money as prescribed in para (i) and (ii) above, the bidders shall not be allowed to participate in the rebidding process of the same work.	(i) If any tenderer withdraws his tender within 7 days after last date and time (24 hours basis) of submission of bids, letter of acceptance for the work is issued or not. (ii) If any tenderer withdraws his tender after expiry of 7 days after last date and time (24 hours basis) of submission of bids, letter of acceptance for the work is issued or not. (iii) Withdrawal of the tender, by the tenderer, shall only be made through e-tender portal. Any other method i.e. through letter / e-mail etc. shall not be considered. (iv) In case of forfeiture of earnest money as prescribed in para (i) and (ii) above, the bidders shall not be allowed to participate in the rebidding process of the same work.
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This is issued with the approval of DG CPWD.


 (अनिल कुमार गुप्ता)
 अधीक्षण अभियंता (सी.एंड एम.)

Issued from file No. CSQ/CM/16(1)/2024 e-file- 9179524 (DFA/ 9325429)

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


 05.05.25
 R K SINGH
 EE(Manual)



केन्द्रीय लोक निर्माण विभाग
कार्यालय ज्ञापन

No. DG/Manual- 2024/14

ISSUED BY THE AUTHORITY OF DIRECTOR GENERAL, CPWD

Nirman Bhawan, New Delhi

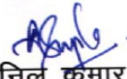
Dated: 05.05.2025

Sub: Modifications in para 5.1.7 of CPWD Works Manual 2024- regarding Forfeiture of Earnest Money.

Following modifications are made in para 5.1.7 of CPWD Works Manual 2024:

Existing Provision	Modified Provision
5.1.7 Forfeiture of Earnest Money (1) (i) If any tenderer withdraws his tender or makes any modification in the terms & conditions of the tender which is not acceptable to the department within 7 days after last date of submission of bids, of letter of acceptance for the work is issued or not. (ii) If any tenderer withdraws his tender or makes any modification in the terms & conditions of the tender which is not acceptable to the department after expiry of 7 days after last date of submission of bids,of acceptance for the work is issued or not. (iii) No Provision	5.1.7 Forfeiture of Earnest Money (1)(i) If any tenderer withdraws his tender within 7 days after last date and time (24 hours basis) of submission of bids, of letter of acceptance for the work is issued or not. (ii) If any tenderer withdraws his tender after expiry of 7 days after last date and time (24 hours basis) of submission of bids, of acceptance for the work is issued or not. (iii) Withdrawal of the tender, by the tenderer, shall only be made through e-tender portal. Any other method i.e. through letter / e-mail etc. shall not be considered. The tender inviting authority gets intimation through SMS and email in this regard.

This issues with the approval of DG CPWD.


(अनिल कुमार गुप्ता)
अधीक्षण अभियंता (सी.एंड एम.)

Issued from file No. CSQ/CM/16(1)/2025 e-file- 9179524 (DFA/9325430)

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


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EE(Manual)

केन्द्रीय लोक निर्माण विभाग
कार्यालय ज्ञापन

No. DG/CON/ Maintenance 2023/15

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAWAN, NEW DELHI

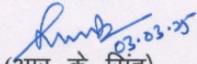
Dated: 03.03.2025

Subject: Modifications in Clause 14 of GCC 2023 for Maintenance Works.

The following amendments are made in the Clause 14 of GCC 2023 for Maintenance Works:

Existing provision	Modified provision
Clause 14 Carrying out part work at risk & cost of contractor If contractor: (iii) The Engineer- in-Charge without invoking action under clause 3 may, without prejudice to any other right or remedy against the contractor which have either accrued or accrue thereafter to Government, by a notice in writing to take the part work / part incomplete work of any item(s) out of his hands and shall have powers to : (a) Take possession of the site and any materials, constructional plant, implements, stores, etc., thereon; and/or (b) Carry out the part work / part incomplete work of any item(s) by any means at the risk and cost of the contractor.	Clause 14 Carrying out part work at risk & cost of contractor If contractor: (iii) The Engineer- in-Charge without invoking action under clause 3 may, without prejudice to any other right or remedy against the contractor which have either accrued or accrue thereafter to Government, by a notice in writing to take the part work / part incomplete work of any item(s) out of his hands and shall have powers to : (a) Take possession of the site and any materials, constructional plant, implements, stores, etc., thereon; and/or (b) Carry out the part work / part incomplete work of any item(s) by any means at the risk and cost of the contractor. The contractor, from whom a part work / part incomplete work of any item(s), has been taken out of his hands, shall not be allowed to participate in the tendering/quotation process of part work / part incomplete work of any item(s).

This issues with the approval of DG, CPWD.


(आर. के. सिंह)

कार्यपालक अभियन्ता (एम.)

Issued from file No. CSQ/CM/17(1)/2023/ Maintenance e-file-9184028 (DFA/9319526)

केलोनवि तथा लोनवि दिल्ली के सभी अधिकारियों को आवश्यक सूचना एवं कार्यवाही हेतु।

(केलोनवि वेबसाईट के माध्यम से)

R K SINGH
EE(Manual)

**Central Public Works Department
Office Memorandum**

No. DG/CON/Maintenance 2023/14

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAWAN, NEW DELHI

Dated: 10.02.2025

Subject: Modifications in Clauses 7, 8, 9 and Schedule F of clause 8 of GCC 2023 for Maintenance Works.

The following amendments are made in the Clauses 7, 8, 9 and Schedule F of clause 8 of GCC 2023 for Maintenance Works:

Existing provision	Modified provision
Clause 7 Existing provisions No provision	Clause 7 No change In case of correction / rejection / short documents, it will be mandatory for Engineer-in- Charge to give recorded reasons for correction / rejection / submission of additional documents within seven days after submission of running bill by the contractor.
Clause 8 Completion Certificate Within ten days of the completion of the work, the contractor shall give notice of such completion to the Engineer-in-Charge and within thirty days of the receipt of such notice, the Engineer-in-Charge shall inspect the work and if there is no defect in the work, shall furnish the contractor with a final certificate of completion, otherwise a provisional certificate of physical completion indicating defects (a) to be rectified by the contractor and/or (b) for which payment will be made at reduced rates, shall be issued. But no final certificate sum actually realized by the sale thereof.	Clause 8 Completion Certificate Within ten days of the completion of the work, the contractor shall give notice of such completion to the Engineer-in-Charge and the Engineer-in-Charge within seven days of receipt of intimation of completion from contractor will inspect the work and satisfy himself about completion of work, then intimate to the concerned authorities as mentioned in Schedule F for issuance of completion certificate. The concerned authorities will inspect the work and issue completion certificate within thirty days of the receipt of such intimation. The Engineer-in-Charge shall furnish to the contractor a final certificate of completion as the case may be, indicating defects (a) to be rectified by the contractor and/or (b) for which payment will be made at reduced rates. No change.

R K SINGH
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R K SINGH
EE(Manual)

Clause 9 Payment of Final Bill

The final bill shall be submitted by the contractor in the same manner as specified in interim bills within three months of physical completion of the work or within one month of the date of the final certificate of completion furnished by the Engineer-in-Charge whichever is earlier. No further claims shall be made by the contractor after submission of the final bill and these shall be deemed to have been waived and extinguished. Payments of those items of the bill in respect of which there is no dispute and of items in dispute, for quantities and rates as approved by Engineer-in-Charge, will, as far as possible be made within the period of three months the period being reckoned from the date of receipt of the bill by the Engineer-in-Charge or his authorized Asstt. Engineer, complete with account of materials issued by the Department and dismantled materials.

[Signature]
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R K SINGH
EE(Manual)

Clause 9 Payment of Final Bill

- i. The final bill shall be submitted by the contractor **to the Engineer-in-Charge** in the same manner as specified in interim bills within three months of physical completion of the work or within one month of the date of the final **completion** certificate furnished by the Engineer-in-Charge whichever is earlier. **At the time of submission of the final bill, receipt will be given by the O/o Engineer-in-Charge.**
- ii. In case of correction / rejection / short documents, it will be mandatory for Engineer-in-Charge to give recorded reasons for correction / rejection / submission of additional documents within fifteen days after submission of final measurement and/or final bill by the contractor.
- iii. Final bill will be accepted with all pre-requisite documents such as sanctioned copies of extra items and deviation in quantities, escalation statements, recovery statement, theoretical statement, completion certificate, final extension of time case, mandatory tests statement, dismantled materials account and other documents as mentioned in clause-7 A etc.
- iv. An undertaking along the final bill will be submitted by the contractor that "I / we hereby under take that all the measurements/claims payable under this contract have been included in the final bill and will not submit any other bill/claims in future under this agreement thereafter".
- v. No further claims shall be entertained from the contractor after submission of the final bill and these shall be deemed to have been waived and extinguished. Payments of those items of the bill in respect of which there is no dispute and of items in dispute, for quantities and rates as approved by Engineer in

If the final bill is submitted by the contractor within the period specified above and delay in payment of final bills is made by the department after prescribed time limit, a simple interest @ 5 % (five percent) per annum shall be paid to the contractor from the date of expiry of prescribed time limit, provided the final bill submitted by the contractor is found to be in order.	charge, will, be made within the period of three months. The period of three months will be reckoned from the date of receipt of the bill in complete shape after necessary corrections / additional documents, by the Engineer-in-Charge. vi. In case of foreclosure / determination of contract, if the contractor fails to submit the EOT case, final measurement /bills within 30 days of foreclosure/ determination, the final bill will be prepared and decided by the department. The final bill shall only be paid after withholding amount equivalent to maximum compensation to be levied on the contractor. vii. If the final bill, in complete shape, is submitted by the contractor within the period specified above and delay in payment of final bills is made by the department after prescribed time limit, a simple interest @5% (five percent) per annum may be paid to the contractor from the date of expiry of prescribed time limit, provided the final bill submitted by the contractor contains all the documents as mentioned in para – (iii) & (iv) above.
Schedule F Clause 8 No Provision	Schedule F Clause 8 Competent Authorities to inspect and issue completion certificate (To be filled by NIT approving authority).

This issues with the approval of DG, CPWD.

(दिनेश कुमार उज्जैनिया)
अधीक्षण अभियंता (सी.एंड एम.)

Issued from file No. **CSQ/CM/17(1)/2025/Maintenance**
e-file 9190123 (DFA/9315616)

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

R K SINGH
10.2.25
R K SINGH
EE(Manual)

केन्द्रीय लोक निर्माण विभाग

कार्यालय झापन

No. DG/CON/Maintenance 2023/03

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAWAN, NEW DELHI

Dated: 18.12.2023

Subject: Modifications in Conditions of Contract, Clause 12 and Schedule E and F of GCC 2023 for Maintenance Works

The following amendments are made in the GCC 2023 Maintenance Works:

Existing provision	Modified provision
CONDITIONS OF CONTRACT	CONDITIONS OF CONTRACT
Definitions 2. In the contract, the following expressions shall, unless the context otherwise requires, have the meanings, hereby respectively assigned to them:- (i) to (x)(a)	Definitions 2. In the contract, the following expressions shall, unless the context otherwise requires, have the meanings, hereby respectively assigned to them:- (i) to (x) (a) No change
(x) (b) 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 upto the date of receipt of the tender.	(x) (b) 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.
(xi) to (xv)	(xi) to (xv) No change
(xvi) No provision	(xvi) 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.
(xvii) No provision	(xvii) Completion cost: The completion cost includes gross amount of work done, amount of extra item(s) and deviation(s) and escalation amount admissible as per agreement etc.

जि.प.न.
R.K. JAIN 14/12/23
(EE (Contact))

(xviii) No provision	(xviii) Maintenance work: Maintenance work(s) are those work(s) which includes upgradation, aesthetic improvement, special repair, addition/ alteration, annual repair, comprehensive maintenance work etc.
Clause 12 Deviations/ Variations Extent and Pricing The Engineer-in-Charge shall have power (i) to make alteration in, omissions from, additions to or substitutions for the original specifications, drawings, designs and instructions that may appear to him to be necessary or advisable during the progress of the work, and (ii) to omit a part of the works in case of non-availability of a portion of the site or for other reasons and the contractor shall be bound to carry out the works in accordance with any instruction given to him in writing signed by the Engineer-in-Charge and such alterations, omissions, additions or substitutions shall form part of the contract as if originally provided therein and any altered, additional or substituted work which the contractor may be directed to do in the manner specified above as part of the works, shall be carried out by the contractor on the same conditions in all respects including price on which he agreed to do the main work except as hereafter provided.	Clause 12 Deviations/ Variations Extent and Pricing No change
The completion cost of any agreement for maintenance works including works of upgradation, aesthetic, special repair, addition/ alteration should not exceed two times the contract amount. Deviation upto 1.25 times of contract amount shall be approved by Engineer-in-Charge with recorded reasons. Deviation beyond 1.25 times upto 1.50 times of contract amount shall be approved by SE/CE (as applicable) with recorded reasons. In exceptional case, ADG/SDG (as applicable) shall have power to approve the deviation beyond 1.50 times upto 2.0	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 neither be recorded nor be paid.


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times of contract amount with recorded reasons and take suitable corrective action.	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.
12.1 The time for completion of the works shall, in the event of any deviations resulting in additional cost over the tendered value sum being ordered, be extended, if requested by the contractor, as follows : (i) In the proportion which the additional cost of the altered, additional or substituted work, bears to the original tendered value plus (ii) 25% of the time calculated in (i) above or such further additional time as may be considered reasonable by the Engineer-in-Charge	12.1 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.
12.2 Deviation, Extra Items and Pricing 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 F, shall be paid as per the said schedule rate plus cost index (considered in the	12.2 Deviation, Extra Items and Pricing Deleted Deleted

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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.

In the case of extra item(s) which are not available in the standard schedule of rates specified in Schedule F, the contractor may within fifteen days of the receipt of order or occurrence of the item(s), submit claim for market rate(s), supported with proper analysis of rate and manufacturer's specification for the work, invoices, vouchers, etc. (as applicable),

failing which the rate(s) approved later by the Engineer-in-Charge shall be final and binding.

(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).

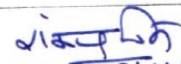
The rate of extra item will be

- 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.

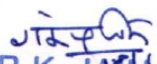
Failing which the rate(s) approved later by the Engineer-in-Charge shall be final and binding.


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Where the contractor submits claim for market rate(s) in the manner prescribed above, the Engineer-in-Charge shall, within 45 days of the receipt of the claims, after giving consideration to the analysis of rates and other documents submitted by the contractor, determine the rates on the basis of the market rates and the contractor shall be paid in accordance with the rates so determined.	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. 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).
(b) No Provision	(b) Scheduled Extra Items - 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. - 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).


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The rate(s) of extra items so determined by the Engineer-in-Charge shall be final and binding on the contractor, and shall not be arbitrable.	The rate(s) of extra item(s) so determined by the Engineer-in-Charge shall be final and binding on the contractor.
12.3 Deviation, Deviated Quantities, Pricing All the deviated quantities shall be paid at agreement rates	12.3 No change
12.4 The case of any operation incidental to or necessarily has to be in contemplation of tenderer while quoting filing tender, or necessary for proper execution of the item included in the Schedule of quantities or in the schedule of rates mentioned above, whether or not, specifically indicated in the description of the item and the relevant specifications, shall be deemed to be included in the rates quoted by the tenderer or the rate given in the said schedule of rates, as the case may be. Nothing extra shall be admissible for such operations.	12.4 No Change
12.5 No provision	12.5 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 rate(s) of extra item(s).
12.6 No provision	12.6 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.
PROFORMA OF SCHEDULES (Separate Performa for Civil, Elect.& Hort. Works in case of Composite Tenders) SCHEDULE 'E' Reference to General Conditions of Contract	PROFORMA OF SCHEDULES (Separate Performa for Civil, Elect.& Hort. Works in case of Composite Tenders) SCHEDULE 'E' Reference to General Conditions of Contract : (GCC EPC Projects 2022/ GCC Maintenance Works 2023/ GCC Construction Works 2023)


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	Applicable GCC is as modified & corrected upto previous day of the last date of submission of the tender. (NIT approving authority to mention one GCC in the space provided above)
SCHEDULE 'F'	SCHEDULE 'F'
GENERAL RULES & DIRECTIONS:	GENERAL RULES & DIRECTIONS:
Officer inviting tender	No Change
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	Deleted
9 (ii) Standard CPWD contract Form GCC 2020, CPWD Form 7/ 8 as modified & corrected upto	9(ii) Standard CPWD contract Form General Conditions of Contract Maintenance Works 2023 , CPWD Form 7/ 8 as modified & corrected upto previous day of the last date of submission of the tender.
Clause 12	Clause 12
12.2 Deviation Limit beyond which clauses 12.2 shall apply for building work	Deleted

This issues with the approval of DG CPWD.


18.12.2023
(वी. पी. साहू)

अधीक्षण अभियंता(सी.एंड एम.)

Issued from file No. CSQ/CM/17(1)/2023/Maintenance e-file 9163323

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


R.K. JAIN
(EE (Contact))

On non-judicial stamp paper of minimum Rs. 100
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(Guarantee offered by Bank to CPWD in connection with the execution of contracts)

**Form of Bank Guarantee for Earnest Money Deposit/Performance
Guarantee/ Security Deposit**

1. Whereas the Executive Engineer(name of division)....., CPWD on behalf of the President of India (hereinafter called "The Government") has invited bids under(NIT number).....dated.....for(name of work).....The Government has further agreed to accept irrevocable Bank Guarantee for Rs.(Rupeesonly) valid upto(date)*as **Earnest Money Deposit** from(name and address of contractor)(hereinafter called "the contractor") for compliance of his obligations in accordance with the terms and conditions of the said NIT.

OR**

Whereas the Executive Engineer(name of division)....., CPWD on behalf of the President of India (hereinafter called "The Government") has entered into an agreement bearing number with(name and address of the contractor)(hereinafter called "the Contractor") for execution of work (name of work) The Government has further agreed to accept an irrevocable Bank Guarantee for Rs. (Rupees only) valid upto (date)as Performance Guarantee/Security Deposite/Mobilization Advance from the said Contractor for compliance of his obligations in accordance with the terms and conditions of the agreement.

2. We, (indicate the name of the Bank) (herein after referred to as "the Bank"), hereby undertake to pay to the Government an amount not exceeding Rs. (Rupees only) on demand by the Government within 10 days of the demand.

3. We, (indicate the name of the Bank), do here by undertake to pay the amount due and payable under this guarantee without any demur, merely on a demand from the Government stating that the amount claimed is required to meet the recoveries due to likely to be due from the said Contractor. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs.(Rupees only)

4. We, (indicate the name of the Bank), further undertake to pay the Government any money so demanded notwithstanding any dispute or disputes raised by the contractor in any suit or proceeding pending before any Court or Tribunal, our liability under this Bank Guarantee being absolute and unequivocal. The payment so made by us under this Bank Guarantee shall be a valid discharge of our liability for payment there under and the Contractor shall have no claim against us for making such payment.

5. We, (indicate the name of the Bank), further agree that the Government shall have the fullest liberty without our consent and without affecting in any manner our obligation here under to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Contractor from time to time or to postpone for any time or from time to time any of the powers exercisable by the Government against the said contractor and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation or extension being granted to the said Contractor or for any forbearance, act of omission on the part of the Government of any indulgence by the Government to the Contractor to the said Contractor or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

6. We, (indicate the name of the Bank), further agree that the Government as its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor at the first instance without

proceeding against the Contractor and not withstanding any security or other guarantee the Government may have in relation to the Contractor's liabilities.

7. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor.

8. We, (indicate the name of the Bank), undertake not to revoke this guarantee except with the consent of the Government in writing.

9. This Bank Guarantee shall be valid up to Unless extended on demand by the Government. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs. (Rupees only) and unless a claim in writing is lodged with us within the date of expiry or extended date of expiry of this guarantee, all our liabilities under this guarantee shall stand discharged.

Date.....

Witnesses :

1. Signature Authorized signatory
Name and address

Name

Designation

Staff code no

Bank seal

2. Signature
Name and address

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

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

MEMORANDUM OF UNDERSTANDING [M.O.U] BETWEEN

1] M/S [Name of the firm with full address]
 Enlistment Status
 Valid Upto:
 [Henceforth called the main contractor]

And

2] M/S [Name of the firm with full address]

 Enlistment Status
 Valid Upto:
 [Henceforth, called Associated Contractor]

Name of Work:- SITC OF LAN SYSTEM AT CHIEF OFFICE IN CGO COMPLEX-1, HAPUR CHUNGI GHAZIABAD.

[Electrical Component only] as per schedule, specifications, terms and conditions of the tender.

We state that M.O.U. between us will be treated as an agreement and has legality as per Indian Contract Act (amended up to date) and the department (CPWD) can enforce all the terms and conditions of the agreement for execution of the above work. Both of us shall be responsible for the execution of work as per the agreement to the extent of this MOU allows. Both the parties shall be paid consequent to the execution as per agreement to the extent this MOU permits.

We have agreed as under :

- 1- The associated contractor shall be liable for disciplinary action if he failed to discharge the action(s) and other legal action as per agreement besides forfeiture of the security deposit.
- 2- All the material, machinery and equipment's, tools and tackles required for execution of the electrical works as per agreement shall be the responsibility of the associated contractor.
- 3- The site staff required for the electrical work shall be arranged by the associated contractor as per terms and conditions of the agreement.

SIGNATURE OF MAIN CONTRACTOR

Date
 Place

COUNTERSIGNED
 EXECUTIVE ENGINEER (E)

SIGNATURE OF ASSOCIATED
 CONTRACTOR

Date
 Place

Designation:_____

TERMS AND CONDITIONS

1. The work shall be carried out strictly in accordance with CPWD General Specifications for Internal electrical work – 2013 (Internal) & 1995 (External) as amended upto date and in accordance with the Indian electricity Rules 1956 and Indian Electricity act 1910 as amended upto date and as per instruction of the Engineer-in-charge.
2. The work shall be executed as per direction of the Engineer-in-charge or his authorized representative AE(E)/JE(E).
3. No T&P shall be issued to the agency by the department.
All material shall be got approved from Engineer-in-Charge before use. One sample flat / bay shall be made for approval of final location of switch boards fittings etc and then only work shall be executed in other flats/bays.
4. The building category contractor and the associated specialized agencies has to submit required affidavit to confirm their association at the time of submission of Performance Guarantee.
5. The contractor shall have to adopt all the safety precautions while executing the work, therefore, no claim shall be entertained by the department in case of any accident, if any while carrying out the work.
6. The contractor has to abide by the labour laws, as amended up to date.
7. Material shall be of genuine make and shall be approved from Engineer-in-charge before actual use at site and recovery original bill to be produce for verification etc to the Competent Authority.
8. The rates should be inclusive of all taxes / duties / levies etc. Nothing extra shall be paid on any account.
9. GST, Income Tax, Labour Cess and any other tax at sources shall be deducted, as applicable as per direction of Govt. of India.
10. All damages done to the building during execution of Electrical work shall be the responsibility of the contractor and the same will be made good immediately at his own cost to the satisfaction of the Engineer-in-Charge. Any expenditure incurred by the department in this condition shall be recovered from the contractor and decision of the Engineer-in-Charge about recovery shall be final.

ASSISTANT ENGINEER (E)

ACCEPTABLE MAKES OF MATERIAL

	Description of Items	Make
1	Wireless LAN Solution, Wireless controller, Web Security Solution, Web Application Firewall solution, Wireless LAN	Cisco / HP / Extreme / Ruckus / Juniper / Aruba /Dlink
2	Managed Network Switches, Core Switch, Distribution Switch, Access Switch, Fiber Module, Wireless Access Point	Cisco / HP / Extreme / Ruckus / Juniper / Aruba /Dlink
3	Server / Networking Rack (wall mount / floor mount)	Rittal Emersion / APW / Netrack / WQ/ Panduit/ Valrack / Derwiser / Commscope
4	Cat-6/ALAN Cable/ OFC and accessories.	Panduit / Belden / Systemax /Commscope / Legrand / Siemens / Siemon/Schnieder
5	Patch panel / Patch Cord / Fiber patch cord / pigtails / Adapters / Connectors	Panduit / Belden / Systemax /Commscope / Legrand / Siemens / Siemon/Schnieder
6	Firewall/Router	Cisco / Fortinet / Sophos/ Juniper/ Arista/Dlink
7	Any other material	With prior approval of Engineer-in-Charge

NOTES: 1. In respect of materials for which approved makes are not specified above, then proposed makes shall be decided by the Engineer-in-Charge and as per sample approved before procurement & Installation.

2. The contractor shall submit samples of all materials, 15 Days before procurement for approval and shall procure directly from the manufacturer or their authorized distributor only.

NIT NO: 94/AE(E)/GESD/2026-27

SCHEDULE OF WORK**N/W SITC OF LAN SYSTEM AT CHIEF OFFICE IN CGO COMPLEX-1, HAPUR CHUNGI
GHAZIABAD.**

S.N.	DESCRIPTION OF ITEMS	QTY		RATE	UNIT	TOTAL
1	Supplying, installation, Testing and commissioning of following capacity 24 port Layer 2 indoor Network Switch having features and specifications etc. as mentioned here under: At least 24 X RJ-45 Gigabit Ethernet Ports and additional 2 X 10G Base -T with 4 X SFP Ports with non-blocking architecture by having Switching capacity of min. 168Gbps and packet forwarding rate of 125Mpps or higher, 16K MAC table. Console Port, USB port, Stacking support of min. 8 units per stack. Internal dual AC Power supply, STP, RSTP, MSTP, BPDU Filter, BPDU Restriction, Min. 9K Jumbo Frame, LBD, IGMP Snooping V1/V2/V3, MLD Snooping V1/V2. IGMP /MLD Groups 1K or more, IPv4/IPv6 Loopback Interface, 16 L3 IP Interface, Ipv6 ND, VRRPv3, UDP Helper, ECMP. VLAN: 802.1Q, Port based, Q-in-Q, Multicast VLAN, Protocol VLAN, VLAN Trunking, DHCP Snooping, Server, server Screening. RADIUS , TACACS+ Authentication, QoS: 802.1P, 8 queues per port, QoS : WRR, Strict+WRR, WRED, 802.1p. ACL: MAC based, IPv4C IPv6, TCP/UDP Port number, time based ACL,					
	TFTP Client, SNMP V1, v2c, v3, SNMP traps, RMON, DHCP server, relay, client, LLDP, LLDP-MED, OAM, Dying Gasp, 802.3ah, sflow, RIP, OSPF v2/v3, policy based route, SSL, SSH. 6 kV surge protection on all Gigabit Ethernet ports and on all GE RJ-45 access ports. Certifications: UL, CE, FCC, RoHS, MTCTE, OEM/Product must be on Trusted Telecom Portal of Department of Telecommunication, Government of India etc. complete as required.					
1.1	24 port PoE Layer 2 Network Switch with PoE Support of 370W or higher with each copper port supporting 802.3at PoE+ min.	2	No	125,393.00	Each	250786.00

2	Supplying, Installation, Testing and commissioning of indoor Wireless Access Point for High density use having features and specifications etc. as mentioned here under- WiFi6 802.11ax 574Mbps (2.4GHz) + 2402Mbps (5GHz), WIFI 6 Certified, 1 x RJ45 console port, MG 2.5G LAN POE Port, factory reset, WPA/WPA2/WPA3™ Personal/Enterprise, WEP 64/128-bit, SSID broadcast disable, MAC address access control, Internal RADIUS server, SNMP, Customizable Captive Portal, Auto Channel, Works as Access Point, WDS, WDS with AP, Wireless Client ., Web (HTTP), Secure Socket Layer (SSL), Traffic control, Support ATF/Fast Roaming/Band Steering, Supports enhanced security – WPA-PSK/WPA2-PSK/WPA3-PSK and RADIUS client, and Cipher negotiation, and MAC/ IP ACL for networks, Certifications: MTCTE, CE, FCC. Works as Standalone, Compatible with S/W & H/W Controller with additional features like - Real-Time					
	Monitoring and Alerts, Rich Advanced Features, Centralized Device Management, Role-Based Administration, Real-Time Monitoring, VLAN and Access Control, Auto RF Management and Bandwidth Optimization, Multi-SSID and Captive Portal Authentication. OEM/Product must be on Trusted Telecom Portal of Department of Telecommunication, Government of India etc. complete as required.	2	Nos	35,559.00	Each	71118.00
3	Supplying Installation Testing and Commissioning of 24 port Cat6 Patch Panel loaded. Must be of 1U height with clear label holders and white label with the panel. 24 Ports Cat-6 Patch Panel should have ETL/UL verification program certificate for compliance with ANSI/TIA-568.2-D etc. complete as required.	2	Nos	5,278.00	Each	10556.00
4	Supplying, Installation, Testing and commissioning of following CAT6A Patch Cord should have ETL/UL verification program certificate for compliance with ANSI/TIA-568.2-D etc. complete as required.					
4.1	Copper Patch Cords of length 1m (3ft)	40	Nos	173.00	Each	6920.00
4.2	Copper Patch Cords of length 3m (10ft)	40	Nos	405.00	Each	16200.00
5	Supplying, Installation, Testing and commissioning of CAT6A Copper Information Outlet (IO) with face plate of color as per site requirement, should have ETL/UL verification program certificate for compliance with ANSI/TIA-568.2-D. All copper Cable and Components should be from same OEM to maintain compatibility and interoperability etc. complete as required.	40	Nos	302.00	Each	12080.00

6	Supplying, drawing, Testing and commissioning of Cat6A UTP 4 pair, 23 AWG solid copper cable in existing conduit/ on surface, U/FTP, LSZH, Non-Plenum, Horizontal (solid) Cable suitable for high speed data networking application supporting upto 10Gbps over a 100 meter channel. The 4 Unshielded Twisted Pairs (UTP) cable with color coded insulation for easy identification should have FLAME PROPERTIES i.e. Flammability Test - IEC 60332-1, Smoke Density - IEC 61034, LSZH standards compliance: ANSI/TIA-568 C.2, ISO/IEC 11801, IEEE 802.3an, RoHS. Delay Skew should be < 45NS. The outer Cable Diameter should be 7.5 + 2 mm. Cable should have been tested and verified by UL/ ETL etc. complete as required.					
6.1	1 Run of cable	1525	Mtr	74.00	Mtr	112850.00
7	Supplying and fixing of following size Wall Mount Rack having Fixed Structure with 0.8mm CRCA Sheet, completely knocked-down condition (CKD) Shape, Vertical Mounting Rail 1.6 mm with 'U'Marking, Minimum 2 cable entry/exit provision at Top and bottom with rubber protection, Front 5mm Toughened Glass with lock, wall mounting kit, Powder coated Color- RAL- 7035, complied with UL & RoHS, 2 x 6 sockets 16A power distribution units, 3 numbers closed cable organizer, Hardware mounting screws packet of 20 x 1 number, etc. complete as required.					
7.1	15U Rack	1	Nos	13,330.00	Each	13330.00
8	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.					
8.1	25 mm	300	Mtr	168.00	Mtr	50400.00
8.2	32 mm	150	Mtr	209.00	Mtr	31350.00
9	Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc. as required.					
9.1	1 or 2 Module (75mmX75mm)	40	Nos	354.00	Each	14160.00
					TOTAL	589750.00

Say Rs. 589750.00

ASSISTANT ENGINEER (E)