NIT No. : 39/EE (E)-PATNA/AE (E)-II/2026-27.

Name of work : A/R & M/O Electrical Installations, Lift, DG Set, UPS System, Water Cooler, Air-Conditioning System, Fire Fighting & Fire Alarm System and PA System at MSME office, Patliputra, Patna. (SH: Miscellaneous works)

Estimated Cost	**:**	**Rs. 3,32,722.00**
Earnest Money	**:**	**Rs. 6,654.00**
Performance Guarantee	:	**5% of 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**.
Security Deposit	:	2.5% of tendered value
Cost of Bid Paper	:	N/A
e-tendering fee	:	N/A
Time Allowed	**:**	**01 (One) Month**

INFORMATION AND INSTRUCTIONS FOR CONTRACTORS FOR e-TENDERING FORMING PART OF NIT

The Assistant Engineer (E)-II, CPWD, Patna. (Email ID aeepcesd2@gmail. com on behalf of the President of India online percentage rate bids from Buildings & Roads/ Specialized agencies in two bid system for the following work:-

S. No.	NIT No.	Name of work & Location	Estimated cost put to bid	Earnest Money	Period of completion	Last date & time of submission of Eligibility bid/ Price	Time & date of opening of Eligibility bid
(1)	**(2)**	**(3)**	**(4)**	**(5)**	**(6)**	**(7)**	**(8)**
1	39/EE (E)-PATNA/AE (E)-II/2026-27	A/R & M/O Electrical Installations, Lift, DG Set, UPS System, Water Cooler,Air-Conditioning System, Fire Fighting & Fire Alarm System and PA System at MSME office, Patliputra, Patna. (SH: Miscellaneous works)	**Rs.3,32,722.00**	**₹6,654.00** (In favour of **Executive Engineer (E), PCED, CPWD, Patna**)	1 (One) Month	12/11/2026 Up-to 15:00 hrs	Eligibility bid shall be Opened on 12/11/2026 at 15.30 Hours Price Bid shall be Opened later (Shall be intimated to eligible bidders)

1. **Contractors who fulfill the following requirements shall be eligible to apply. Joint ventures are not accepted.**

   a) Should have satisfactorily completed the works as mentioned below during the last Seven years ending last date of the month previous to one in which tenders are invited.

   i) Three similar works each of value not less than Rs. 1,15,144/- (40% of the estimated cost i.e. Rs. 2,87,859.00)

   OR

   ii) Two similar works each of value not less than Rs. 1,72,715/- (60% of the estimated cost i.e. Rs. 2,87,859.00

   OR

   iii) One similar works each of value not less than Rs. 2,30,287/- (80% of the estimated cost i.e. Rs. 2,87,859.00)

Similar work shall mean works of "Replacement of defective CCTV Camera/IP Phone & LED display."

Note:-

A. The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum; calculated from the date of completion to last date of the month previous to one in which tenders are invited.

B. Should have had average annual financial turnover of Rs. **1,43,930/-** during the immediate last three consecutive financial years ending **31.03.2025**.

C. Should not have incurred any loss in more than two years during the last five years ending **31.03.2025.**

D. Should have a Solvancy Certificate of the amount equal to Rs **1,15,144/-**
Or
Networth Certificate minimum Rs. **28,786/-** issued by certified Chartered Accountant.

2. The intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he consider himself eligible and he is in possession of all the documents required.

3. This information and instructions for bidder posted on website shall form pay of bid document.

4. The Bid document and the terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from the website **etender.cpwd.gov.in or www.cpwd.gov.in** free of cost.

   Bidders are advised to keep visiting the above-mentioned web sites from time to time (till the deadline for bid submission or/and extended date of bid submission) for any updates in
   respect of the tender documents, if any. Failure to do so shall not absolve the applicant of his liabilities to submit the applications complete in all respect including updates thereof, if any. An incomplete application may be liable for rejection.

5. The original EMD should be deposited either in the office of Executive Engineer (E), CPWD, Patna inviting bids or Division office of any Executive Engineer, CPWD within the period of bid submission. The EMD receiving Executive Engineer shall issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format (enclosed) uploaded by tender inviting EE in the NIT.
6. But the bid can only be submitted after deposition of original EMD either in the office of Executive Engineer (E), CPWD, Patna inviting bid or Division office of any Executive Engineer, CPWD within the period of bid submission and uploading the mandatory scanned document such as Demand Draft or Pay order or Banker's Cheque or Deposit at call Receipt or Fixed Deposit Receipts and Bank Guarantee of any Scheduled Bank towards EMD (drawn in favour of Executive Engineer (E), PCED, CPWD, Patna) receipt for deposition of original EMD to Division office of any Executive Engineer, CPWD and other document as specified.
7. 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.

8. The intending bidder must have valid class-III digital signature certificate with encryption key (Combo type) to perform any operations/transactions on the e-tendering portal/website and the bidders should download and install the eMsigner on their system as per instruction available on download section of https://etender.cpwd.gov.in
9. On opening date, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.
10. Contractor can upload documents in the form of JPG format and PDF format
11. The intending bidder must have valid class-III digital signature to submit the bid. On opening date, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.
12. 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 item rate tender or does not quote any percentage above/below/ at par 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.
13. The eligibility bid shall be opened first on due date and time as mentioned above. The time and date of opening of financial bid of contractors qualifying the eligibility bid shall be communicated to them at a later date.
14. The department reserves the right to reject any prospective application without assigning any reason and to restrict the list of qualified contractors to any number deemed suitable by it, if too many bids are received satisfying the laid down criterion.
15. When bids are invited in two 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.
16. When bids are invited in two Stage system following steps are to be followed:-
    i) Entire bid document related to Eligibility Criteria and financial bid are to be uploaded.

    ii) <u>Stage-I :-</u> Stage I deals with eligibility criteria.

    iii) <u>Stage II:-</u> Original financial bids shall be opened later. The date and time of opening of financial bid shall be intimated to the eligible bidders.

17. List of Documents to be scanned and uploaded within the period of bid submission at "Request Bid Form" stage:-

(A) Treasury Challan / Demand Draft / Pay order or Banker`s Cheque / Deposit at Call Receipt/FDR/Bank Guarantee of any Scheduled Bank against EMD in favour of Executive Engineer (E), PCED, CPWD, Patna.

(B) Copy of receipt for deposition of original EMD issued from Division office of any Executive Engineer, CPWD (In Enclosed Performa).

(C) Copy of Certificates of Work Experience/Completion certificate certified by an officer not below the rank of Executive Engineer/Project Manager or equivalent, clearly indicating..…Name of work,
b) Scope of Work, c) Agreement No., d) Estimated Cost, e) Tendered Cost, f) Final Value of Work Done, g) Date of Start, h) Stipulated date of Completion, i) Actual date of completion, j) Nature of the Work etc. (In case some of above said details are not mentioned in the Completion certificate, the firm shall attach proof in support of above details) etc.

(D) Valid Enlistment order of the CPWD Contractors in appropriate class in building and roads category.

(E) Copy of valid Electrical License for carry out electrical work.

(F) Certificate of ERP Training through any of the CPWD Regional Training Institutes (RTIs) or through the National CPWD Academy (NCA) Gaziabad or through other special training arranged by ERP unit at CPWD. Non-enlisted contractors shall upload undertaking, that they will submit ERP Training Certificate within 30 days from the date of issue of intent letter if being first lowest.

(G) Copy of GST Registration Certificate.

(H) Copy of PAN Card.

(I) Email & mobile no. of the firm/ agency on the letter head of firm/ agency (For making correspondence)

RECEIPT OF DEPOSITION OF ORIGINAL EMD

Receipt No: - ……. **Dated: - ……..**

Name of work: - A/R & M/O Electrical Installations, Lift, DG Set, UPS System, Water Cooler, Air-Conditioning System, Fire Fighting & Fire Alarm System and PA System at MSME office, Patliputra, Patna. (SH: Miscellaneous works)

NIT No:	39/EE (E)-PATNA/AE (E)-II/2026-27
Estimated Cost: -	Rs. 3,32,722.00
Amount of Earnest Money: -	Rs. **6,654.00** (In favour of Executive Engineer (E), PCED, CPWD, Patna)
Last date of submission of bid: -	12/11/2026 up to 03:00 PM

1. Name of Contractor: ……..
2. Form of EMD: …….....
3. Amount of Earnest money deposit: …….….
4. Date of submission of EMD: ……...
5. Name & Designation of EMD receiving Officer with office E-Mail Id …….

Signature, Name & Designation of
EMD receiving Officer
(EE/AE(P)/AE/AAO)
Along with office stamp

CPWD-6

GOVERNMENT OF INDIA

CENTRAL PUBLIC WORKS DEPARTMENT

NOTICE INVITING e-BID

/For e-tendering)

1. ~~Item rate~~/percentage rate bids are invited on behalf of President of India **in two bid system** (Eligibility bid & price bid) from Buildings & Roads/specialized agencies ~~and those of appropriate list of M.E,S, BSNL, Railways and …… State P.W.D. (B&R) or State Govt.'s Department~~ …… ~~(Strike out as the case may be) dealing with building and roads, if there is no state PWD (B&R)~~ for the work of- A/R & M/O Electrical Installations, Lift, DG Set, UPS System, Water Cooler, Air-Conditioning System, Fire Fighting & Fire Alarm System and PA System at MSME office, Patliputra, Patna. (SH: Miscellaneous works)

2.

~~In case only 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.3,32,722.00 This estimate, however, is given merely as a rough guide.

~~1.1.1 The authority competent to approve NIT for the combined cost and belonging to the major discipline will consolidate NITs for calling the bids. He will also nominate Division which will deal with all matters relating to the invitation of bids.~~

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

1.2 Intending bidder is eligible to submit the bid provided he has definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority, of having satisfactorily completed similar works of magnitude & nature and other requirement specified at Sl. No. 1(a) to (b) in "Information and Instructions for Bidders for E-Tendering Forming Part of Bid Document."

~~Criteria of eligibility for issue of bid documents:~~

~~1.2.1 Conditions for Non-CPWD contractors only, if bids are also open to non-CPWD contractors.~~

~~For works estimated to cost upto tendering limt of class I composite category Contractor (However, for Horticulture and Furniture etc discipline, it may be modified as per bidding limt of CPWD class I contractors of respective discipline as the case may be)~~

~~Three similar works each of value not less than `Rs ..... or two similar work each of value not less than `Rs..... or one similar work of value not less than ` ..... (all figures rounded to nearest convenient figure) in last 7 years ending last previous day of last date of submission of bids.~~

~~Note :~~

~~For works costing above tendering limt of class II Composite Category contractors but upto tendering limt of Clause I composite category Contractor (However, for Horticulture and Furniture discipline, it may be modified as per bidding limit of CPWD class II and CPWD class I contractors respectively of respective discipline as the case may be) when bids are open to non-CPWD contractors also, then class II contractors of CPWD registered shall also be eligible if they satisfy the eligibility criteria specified in 1.2.1 above.~~

~~1.2.2~~ **Criteria of eligibility for CPWD as well as non-CPWD contractors.**

~~**For works estimated to cost above the tendering limt of class I composite category Contractor (However for Horticulture and Furniture discipline, it may be modified as per bidding limt of CPWD class I contractors of respective discipline as the case may be.)**~~

Three similar works each of value not less than Rs. 1,15,144/- or two similar work each of value not less than Rs. 1,72,715/- or one similar work of value not less than Rs. 2,30,287/- in last Seven years ending last date of the month previous to one in which tenders are invited.

Similar work shall mean works of - "Similar work shall mean works of "Replacement of defective CCTV Camera/IP Phone & LED display."

The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum, calculated from the date of completion to the last date of submission of bid. This is applicable for 1.2.1 as well 1.2.2.~~(This is not applicable for CPWD enlisted contractor of appropriate class in Composite Category)~~

To become eligible for submission of bids, the bidders shall have to furnish an affidavit as under:-
"I/We undertake and confirm that eligible similar works(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I/we shall be debarred for bidding in 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. (Scanned copy to be uploaded at the time of submission of bid)

~~1 2 3~~ **To become eligible for issue of bid, the bidders shall have to furnish an affidavit on stamp paper duly attested by notary** as under**:-"I/We undertake and confirm that eligible similar works(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I/we shall be debarred for bidding in 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".** (Scanned copy to be uploaded at the time of submission of bid)".

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 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 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.

5. The bid document consisting of terms and conditions of the contract to be complied with and other necessary documents can be seen on website etender.cpwd.gov.in or www.cpwd.gov.in free of cost. The Notice is also available on www. 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. 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.

7. Copy of Enlistment Order and other documents as specified in the press notice/ NIT shall be scanned and uploaded to the e-tendering website within the period of bid submission.

8. Online bid documents submitted by intending bidders shall be opened only of those bidders, whose original EMD deposited with any Division of CPWD and other documents scanned and uploaded are found in order.

9. 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), PCED, CPWD, Patna.)

shall be scanned and uploaded to the e-tendering website within the period of bid submission.

10. The original EMD should be deposited either in the office of Executive Engineer (E), CPWD, Patna 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, 50% of earnest money or Rs 20 lakh, 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 6 months or more from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders.

11. The original EMD receiving Executive Engineer shall release the EMD to unsuccessful bidders after the expiry of stipulated bid validity period or immediately after acceptance of the successful bidder, whichever is earlier after verification from the e-tendering portal website (https://etender.cpwd.gov.in>closed Tender>all) that the Particular contractor is not L-1 tender and work is awarded. The tender inviting Executive Engineer will call for original EMD of the L-1 tender from EMD receiving Executive Engineer immediately.

The Bid submitted shall be opened at 15:30 Hrs. on 12/11/2026.

12. **The bid submitted shall become invalid if**:

13. (i) The bidder is found ineligible.

(ii) If the bidder does not deposited original EMD with Division office of any Executive Engineer, CPWD as stipulated in the bid document including the copy of receipt for deposition of original EMD.

(iii) If the bidder does not upload certificates of Work Experience/Completion issued by client department

(iv) If the bidder does not upload Certificate of financial turnover from CA

(v) If the bidder does not upload Profit & loss account (Balance sheet)

(vi) If the bidder does not upload Bank Solvancy certificate as per Form:-B or Networth Certificate issued by certified Chartered Accountant as per Form:- B-1.

(vii) If the bidder does not upload Affidavit on stamp paper duly attested by notary as per provisions of clause 1.2.3 of CPWD-6 for e-tendering.

(viii) If the bidder does not upload Copy of 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 under taking along with other 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 a/c of the work executed and/or for any action taken by CPWD or GST department in this regard..

(ix) 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.

14. The contractor whose bid is accepted will be required to furnish performance guarantee of 5% (Five Percent) of the bid amount within the period specified in Schedule F. This guarantee shall be in the form of ~~cash (in case guarantee amount is less than Rs. 10000/-)~~ or Deposit at Call receipt of any scheduled bank/~~Banker's cheque of any scheduled bank/Demand Draft of any scheduled bank/ Pay order of any scheduled bank (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 or online bank transfer. 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 contractor shall be suspended for one year shall not be eligible to bid for CPWD tenders from date of issue of suspension order. 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 including Provident Fund Code No. if applicable and also ensure the compliance of aforesaid provisions by the associate contractors, if any engage by the contractor for the said work within the period specified in schedule F.

15. The description of work is as following:

Name of Work; - A/R & M/O Electrical Installations, Lift, DG Set, UPS System, Water Cooler, Air-Conditioning System, Fire Fighting & Fire Alarm System and PA System at MSME office, Patliputra, Patna. (SH: Miscellaneous works)

Intending bidders are advised to inspect and examine the site and its surroundings and satisfy hemselves 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.

16. 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 bid 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.

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

18. 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.

19. 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 to 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 gazette 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.

20. 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 previous permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the contractor's service.

21. The bids for the work shall remain open for acceptance for a period of 30 (thirty) days from the date of opening of bids in case of single bid system and 75 (Seventy Five) days from the date of opening of technical bid in case bids are invited in two or three bid system . Further
(i) If any tenderer withdraws his tender or makes any modification in the terms & condition 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.
(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.

22. 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 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.

23. ~~For Composite Bids~~

~~23-1-1 The Executive Engineer in charge of the major component will call bids for the composite work. The~~ cost of ~~bid document and Earnest Money will be fixed with respect to the combined estimated cost put to~~ tender for ~~the composite bid.~~

~~23.1.2 The bid document will include following three components:~~

~~**Part A:** CPWD-6, **CPWD-7/8** including schedule A to F for the major component of the work,~~ Standard ~~General Conditions of Contract for CPWD 2014 as amended/modified upto…….~~

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

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

~~23.1.3The bidders must associate himself, with agencies as per NIT conditions.~~

~~23.1.4 The eligible bidders shall quote rates for all items of major component as well as for all items of~~ minor ~~components of work.~~

~~23.1.5After acceptance of the bid by competent authority, the EE in charge of major component of the work shall issue letter of award on behalf of the President of India. After the work is awarded, the main contractor will have to enter into one agreement with EE in charge of major component and has also to sign two or more copies of agreement depending upon number of EE's/DDH in charge of minor components. One such signed set of agreement shall be handed over to EE/DDH in charge of minor component(s). EE of major component will operate part A and part B of the agreement. EE/DDH in charge of minor component(s) shall operate Part ~~C along with Part A of the agreement.~~~~

~~23.1.6Entire work under the scope of composite bid including major and all minor components shall be~~ executed ~~under one agreement.~~

~~23.1.7 Security Deposit will be worked out separately for each component corresponding to the estimated cost of the respective component of works.~~

23.1.8The main contractor has to associate agency(s) for specialized component(s) conforming to eligibility criteria as ~~defined in the bid document and has to submit detail of such agency(s) to Engineer in charge of relevant component(s) within prescribed time. Name of the agency(s) to be associated shall be approved by Engineer incharge of relevant component(s).~~

~~23.1.9In case the main contractor intends to change any of the above agency/agencies during the operation of the contract, he shall obtain prior approval of Engineer in charge of relevant specialized component.~~

~~The new agency/agencies shall also have to satisfy the laid down eligibility criteria. In case Engineer in charge is not satisfied with the performance of any agency, he can direct the contractor to change the agency executing such items of work and this shall be binding on the contractor.~~

23.1.10The main contractor has to enter into MoU with agency(s) associated by him. Copy of such MoU shall be ~~submitted to EE/DDH in charge of each relevant component as well as to EE in charge of major component. In case of change of associate contractor, the main contractor has to enter into MoU/agreement~~

with the new contractor associated by him.

23.1.11Running payment for the major component shall be made by EE of major discipline to the main contractor. Running payment for minor components shall be made by the Engineer-in-charge of the discipline of minor component directly to the main contractor.

23.1.12A. The composite work shall be trated as complete when all the components of the work are complete. The completion certificate of the composite work shall be recorded by Engineer-in-charge of major component after record of completion certificate of all other components.

23.1.12 B. Final bill of whole work shall be finalized and paid by the EE of major component.

Engineer(s) in charge of minor component(s) will prepare and pass the final bill for their component of work and pass on the same to the EE of major component for including in the final bill for composite contract.

FORM "B"

BANKERS' CERTIFICATE FROM A SCHEDULED BANK

This is to certify that to the best of our knowledge and information that M/s./ Sh……..... having marginally noted address, as a Customer of our bank are/is respectable and can be treated as good for any engagement upto a limit of Rs……. (Rupees… .....)

This certificate is issued without any guarantee or responsibility on the bank or any of the officers.

(Signature) For the Bank

NOTE

1. Bankers Certificates should be on letter head of the Bank, addressed to tendering authority.
2. In case of Partnership firm, certificate should include names of all partners as recorded with the Bank.

FORM "B-1"

FORM FOR CERTIFICATE OF NET WORTH FROM CHARTERED ACCOUNTANT

It is to certify that as per the audited balance sheet and profit & loss account during the year ……,the Net Worth of M/s …….. (Name & Reistered Address of individual/firm/company), as on…….. (the relevant date) is Rs ……..after consider ding all liabilities. It is further certified that the Net Worth of the company has not eroded by more than 30% in the last three years ending on (the relevant date)

Signature of Chartered Accountant .....

Name of Chartered Accountant .....

Membership No. of ICAI .....

Date and Seal

CPWD-7	CPWD

GOVERNMENT OF INDIA CENTRAL PUBLIC WORKS DEPARTMENT

STATE : Bihar **Zone : CE(Patna)**
BRANCH: E&M **DIVN :EE(E)Patna.**
SUB-DIV:-AE(E)-II,

Percentage Rate Tender & Contract for Work

Tender for the work of:- A/R & M/O Electrical Installations, Lift, DG Set, UPS System, Water Cooler, Air-Conditioning System, Fire Fighting & Fire Alarm System and PA System at MSME office, Patliputra, Patna. (SH: Miscellaneous works)

To be uploaded at www. etender.cpwd.gov.in by 15:00 Hrs. on **12/11-2026.**

To be opened in presence of tenderers who may be present at 15:30 Hrs on 12/11/2026
(i) in the office of The Executive Engineer (E), CPWD, Patna.

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 of 2020 (Maintenance work) with amendments up to the last date of submission of tenders, clauses of contract, Special conditions, Schedule of Rate & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

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

We agree to keep the tender open for Seventy Five **(75)** days from the due date of opening of bid and not to make any modifications in its term & conditions.

A sum of Rs. **6,654.00** is hereby forwarded in cash/receipt treasury challan/deposit at call receipt of a scheduled bank/fixed deposit receipt of scheduled bank/demand draft of a scheduled bank/bank guarantee issued by a scheduled bank as earnest money.

A copy of earnest money in 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 a scheduled bank is scanned and uploaded (strike out as the case may be). If I/We, fail to furnish the prescribed performance performance guarantee within prescribed period, I/We agree that the said President of India or his successors, in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/We fail to commence 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 executedthrough 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 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 therefrom to any person other than a person to whom I/We am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the State.

Dated: ..... **Signature of Contractor**

Witness: **Postal Address**

Address:

Occupation:

To be filled in by the contractor

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… ....

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

SCHEDULE 'A'

Schedule of quantities **Attached**

SCHEDULE 'D'

Extra schedule for specific requirements /document for the work, if any - As per sheets Attached.

SCHEDULE 'E'

Reference to General Conditions of contract:- General Conditions of Contract 2023 (Maintenance works) for CPWD as amended/modified upto last date of submission of bid

Name of Work	A/R & M/O Electrical Installations, Lift, DG Set, UPS System, Water Cooler, Air-Conditioning System, Fire Fighting & Fire Alarm System and PA System at MSME office, Patliputra, Patna. (SH: Miscellaneous works)
Estimated cost of work	Rs. 3,32,722.00
i) Earnest Money (To be returned after receiving Performance Guarantee)	Rs.**6,654.00**
ii) Performance Guarantee	**5% of 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.**
iii) Security Deposit	2.5% of tendered value

SCHEDULE 'F'

(GENERAL RULES & DIRECTIONS) : Officer inviting tender: Executive Engineer (E), CPWD, Patna

Maximum percentage for quantity of items of work to be executed beyond which rates are to determined in accordance with Clauses 12.2 & 12.3: **See below**

Definitions:

2(i)	Engineer-in-Charge	Executive Engineer (E), CPWD, Patna
2(ii)	Accepting Authority	Executive Engineer (E),CPWD, Patna

2(iii)	Percentage on cost of materials and Labour coverall to overheads and profits	15%
2(iv)	Standard Schedule of Rates	DSR E&M 2025 with amendments and up to date corrections, Market rate, Minimum wages as per Govt. of Delhi or Central Government.
2(v)	Department	Central Public works Department (CPWD)
2(vi)	Standard CPWD Contract Form	GCC 2023 (Maintenance work) for CPWD works as amended/ modified up to last date of submission of the tender.

Clause 1

(i)	Time allowed for submission of Performance Guarantee, programme chart (Time and progress) and applicable labour license, registration with EPFO, ESIC and BOCW welfare board or proof of applying thereof from the date of issue of letter of acceptance	7 Days
(ii)	Maximum allowable extension with late fee @ 0.1% per day of Performance Guarantee amount beyond the period provided in (i) above……	3 Days

Clause 2

(i)	Authority for fixing compensation under clause 2	CE(Patna) CPWD, Patna.

Clause 2A

(i)	Whether clause 2A shall be applicable	No

Clause 5

(i)	Number of days from the date of issue of letter of acceptance for reckoning date of start Mile stone(s) as per table given below :-	10 Days

Sl. No.	Description of Mile Stone (Physical)	Time Allowed in days (From date of Start)	Amount to be with-held in case of non achievement of milestone
Not Applicable			

Time allowed for execution of work: 1 (One) Month.

Authority to decide:

(i)	Extension of time:-	Executive Engineer (E), CPWD, Patna
(ii)	Rescheduling of mile stones:-	CE(Patna) CPWD, Patna

(iii)	Shifting of date of start in case of delay in handing over of site:	CE(Patna) CPWD, Patna

Proforma of Schedule 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	100% site available	Not Applicable
Part B	Portion with encumbrances	100% site available	Not Applicable
Part C	Portion dependent on work of other agencies	100% site available	Not Applicable

Clause 5

Applicable clause 5/ Clause 5A : Clause 5

Clause 6, 6A

Computerized Measurement Book (CMB)/ EMB Electronic Measurement Book (EMB) through CPWD ERP Portal .

Clause 7A

Whether clause 7A shall be applicable. NA

Clause10A

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

--As per direction of Engineer-In-charge --

Clause 10B (ii):

Whether Clause 10 B(ii) shall be applicable No

Clause10C : Not Applicable.

Clause10CC: Not Applicable

Schedule of component of other materials, Labour etc. for price escalation Component of civil (Except materials covered under Clause 10 CA) / Electrical construction Xm.....%

Expressed as percent of total value of work. Y .....%

Note:- Xm.....% should be equal to (100)- (material covered under clause 10CA i.e. Cement, Steel, POL and other material specified in clause 10CA+ Component of Labour)

Clause 11

Specifications to be followed for execution of work C.P.W.D. General Specifications for Electrical works, Sub-Station, DG Set ,HVAC,Fire Alarm, Fire Fighting, amended upto date, & as per terms & condition attached.

Clause 12:

Authority to decide deviation beyond 1.25 times of tendered Amount — a) upto 1.5 times :- SE/CE b) Beyond 1.5 times upto 2.0 : ADG/SDG

12.2 & 12.3 Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for building work — No limit

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) — No limit

(i) Deviation Limit for items mentioned in earth work subhead of DSR and related items — No limit

Clause 16:

Competent Authority for deciding reduce rates — **CE(Patna),CPWD, Patna.**

Clause 18:

List of mandatory machinery, tools & plants to be deployed by the contractor at site.	As per direction of Engineer-In-charge

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) Conciliator: -	**ADG(Patna),**
(b) Arbitrator :-Appointing Authority	**Chief Engineer-Patna, CPWD, Patna**
(c) Place of Arbitration: -	**Patna**

Clause 32

Requirement of Technical Representative(s) and recovery Rate:

Cost of work(Rs. In Crores)	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
	Qualification	Number (of Major + Minor component			
----------NIL----------					

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

Diploma holder Engineer with minimum 10 year relevant experience with a reputed construction co. can be treated at par with Graduate Engineers for the purpose of such deployment subject to the condition that such diploma holder Engineers should not exceed 50% of requirement of degree engineers.

Clause 38

(i) (a) Schedule / statement for determining theoretical quantity of cement & bitumen on the basis of Delhi Schedule of Rates 2022 Printed by CPWD.

(ii) Variations permissible on theoretical quantities :

(a)	Cement For works with estimated cost put To tender not more than Rs.25 lakh. For works with estimated cost put to Tender more than Rs. 25 lakh..	 3% plus/ minus 2% plus/minus.
(b)	Bitumen All Works	2.5% plus & only & nil on minus side.
(c)	Steel Reinforcement and structural steel Sections for each diameter, section and category	 2% plus/minus
(d)	All other materials.	Nil

ADDITIONAL TERMS & CONDITIONS AND SPECIFICATIONS

Name of work: - A/R & M/O Electrical Installations, Lift, DG Set, UPS System, Water Cooler, Air-Conditioning System, Fire Fighting & Fire Alarm System and PA System at MSME office, Patliputra, Patna. (SH: Miscellaneous works).

1) The work shall be carried out as per CPWD General Specification for electrical works part – I (Internal) – 2023 and Part-II (External) 2023 as amended up to date.

2) The department reserves the right to send such materials to the manufacturers / authorized test laboratory to verify the genuineness and quality of the product.

3) All material shall be got approved by the Engineer –In-Charge before supply / installation of material.

4) The contractor is advised to visit the site before quoting for this tender to apprise himself about the site environments and other conditions. Drawings and inventories can be seen in the office of undersigned.

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 and cost of the contractor.

6) The work shall be carried out in engineering like manner and bad workmanship shall be rejected summarily. For redoing the job, no claim of the contractor shall be entertained on this account.

7) The site shall be cleared of malba, debris caused by working at site by the Elect. Contractor without any extra cost to the department.

8) The contractor or his authorized representative shall sign the site order book and comply with the remarks entered therein by the representative of the Department.

9) Wherever make of materials is not mentioned the contractor shall approved the make before execution of work.

10) The contractor will ensure that all the skilled persons managed / deployed for executing the electrical work possess the wireman license issued by approved authorities. Consequences arising due to the default of the contractor to comply with this condition would be contractor's responsibility only.

11) The contractor will make his own arrangement for storage of his own material, and if issued to him departmentally. The material, if issued, shall be issued to him from JE (E)'s store. The watch and ward of the materials and of the installations would be responsibility of contractor till the work is completed / handed over to the department. Nothing extra shall be paid to the contractor on this account. The contractor shall make his own arrangement for carriage of materials, fittings, cables etc. issued to him departmentally from the site store to the site of work at his own cost. Nothing extra shall be paid on this account.

12) All hardware, fastening material viz, nuts, bolts, washers and screws etc. to be used on work shall be of Zinc / cadmium plated.

13) All the material should be ISI marked wherever not specified, if ISI marked material is not available it should be conforming to BIS specification amended up to date.

14) The contractor will have to arrange for insulation and other tests as per rules in the presence of the representative of Engineer-in-charge as and when required by him and submit the test

15) reports in triplicate before the work can be considered as complete.

16) The contractor shall be responsible for the safe custody of the equipments/ installation in the building till the installations handed over to the department. He should make his own arrangement for proper watch and ward at his risk and cost. No claim will be entertained on this account.

17) The work is to be carried out in workman liked manner and generally in accordance with the plans. However the contractor will be bound to carry out the work with minor deviation over the plan supplied if desired by the Engineer-in-charge of the work.

18) Rate should be inclusive of all taxes and duties as levied by Govt. from time to time excluding service tax. The service tax shall be reimbursed to the contractor after submission of valid payment receipt against this work.

19) Guarantee Conditions:-The agency shall give minimum one year warranty on CCTV & LED Display w.e.f. the date of actual completion of the work against unsatisfactory performance and/or break down for which the agency shall submit an undertaking to the Department just after completion of work. The equipments or components, or any part thereof, so found defective during guarantee/ warranty period shall be forthwith repaired or replaced free of cost, to the satisfaction of the Engineer-in Charge. In case it is felt by the department that undue delay is being caused by the contractor in doing this, the same will be got done/ rectified by the Department at the risk and cost of the contractor and the amount shall be deducted from his security deposit/ any due from the Department. The decision of Engineer-in-charge in this regard will be final & binding on

20) the contractor. The contractor shall submit the relevant test certificates for equipments as per OEM norms at the time of supply of equipment/Material.

21) 19. Following preferred material to be used in work.

List of Preferred Make of Materials

Sl. No.	Description of Item	Makes
1.	CCTV	Bosch/Axis/Pelco/Honeywell/CP Plus.
2.	LED Display	SONY/Samsung/LG/Panasonic
3.	CAT 6/6 A Cable	Legrand/ D-Link/ Polycab/ KEI
4.	PVC Conduit	AKG/BEC/ATUL/NORPACK
5.	FRLS PVC insulated copper conductor wire	Polycab/ KEI/ Finolex / Havells / RR Kabel
6.	Modular switch / Socket	Legrand (Myrivs)/ ABB (IVIE)/ Schneider (OPALE)/ L&T (LK) - ENGLAGE
7.	MCB distribution board	L&T (LK)/ Legrand/ ABB/ Siemens/ Schneider
8.	LED light fittings / Luminaries'	Philips/ Wipro/ Bajaj/ Crompton
9	MCCB	L&T (LK)/ Legrand/ ABB/ Siemens/ Schneider
10	MCBs for MCB DB	L&T (LK)/ Legrand/ ABB/ Siemens/ Schneider
11.	All other items not covered above.	As per samples approved by Engineer In-charge.

Schedule of Quantity

Name of Work: - A/R & M/O Electrical Installations, Lift, DG Set, UPS System, Water Cooler, Air-Conditioning System, Fire Fighting & Fire Alarm System and PA System at MSME office, Patliputra, Patna. (SH: Miscellaneous works)

Item No.	Description of Items	Qty.	Unit	Rate	Amount
1	Preventive servicing & inspection of CCTV Camera including checking camera focous, resolution, video loss and network connectivity fault, NVR, POE switches, network port, patch coprd and LAN cable and restoration of CCTV system fault etc. as required.	24	Each	664.00	15,936.00
2	Preventive servicing & inspection of IP Phone including checking hand set display, key pad, speaker & microphone, SIP extension issue, configuration of phone, server setting, checking LAN connectivity, network port, POE supply and link status, extension mapping etc as required.	24	Each	524.00	12,576.00
3	Supplying, installation, Testing and commissioning of following capacity 8 port Layer 2 indoor Network Switch having features and specifications etc. as mentioned here under: Minimum 8 X RJ-45 Gigabit Ethernet Ports and additional 2 X 1G SFP Ports with non-blocking architecture by having Switching capacity of minimum 20Gbps and packet forwarding rate of 14Mpps or higher, 8K MAC table. Internal dual AC Power supply with operating temperature of -5 0C to +50 0C. Jumbo frame: 9KB or higher, IGMP Snooping, IGMP snooping querier and support for IGMP Snooping Fast Leave, Should create 250 or more MLD groups, MLD Snooping, Per VLAN MLD Snooping C MLD Snooping Fast Leave, STP, RSTP, MSTP, Loopback detection, Multicast filtering, VLAN Tagging, QOS: 8 Que per port, WRR, IPv4/IPv6 Interface : minimum 100 IPv4 static route entries and minimum 50 IPv6 static route entries, 700 Acess Control entries, SSH CSSL for IPv4 and IPv6, 802.1x, ARP Spoofing, DHCP Snooping and server screening, IP+MAC+Port Binding, Per Port Bandwidth Control, 802.1X Authentication (Supports local/RADIUS database, Port-based Access Control and EAP, OTP, TLS, TTLS, PEAP Support) Cable Diagnostic feature, LLDP, LLDP-MED, SNTP/NTP, RMON, SNMP v1,v2c, v3 and SNMP Traps. Certifications: FCC, CE marked, UL/EN, RoHS and relevant MTCTE(TEC)/BIS compliance/certification as applicable, etc. complete as required.				
3.1	8 port PoE Layer 2 Network Switch with PoE Support of 130W or higher with each copper port supporting 802.3at PoE+.	2	Each	35,091.00	70,182.00

4	Supplying Installation Testing and Commissioning of 2 MP IP IR Dome Camera having following specifications, type of lens and features etc :- 1) Signal System: PAL/NTSC, Signal to Noise Ratio: >50 dB, Camera should display Camera title, Date & Time in live & recorded video 2)Image Sensor: 1/2.8" or better progressive Scan CMOS to get color image even at night condition(Minimum Illumination: 0.006 Lux@ F1.4, AGC ON, 0 lux with IR or better) True Day & Night High Performance Mechanical IR cut filter with auto switch, Integrated IR Source (Auto, Manual)- Inbuilt IR LED's with effective distance upto 50 meter or better and 30 meter for colour view in night, Imaging: 1/3s to 1/30000s electronic shutter support, Auto Gain Control , White Balance- Auto, Back Light Compensation, Multi zone Privacy Masking, HLC, Digital Watermarking.3) Compression (Minimum):- Video:- H.265 or better, H.264H, H.264, Audio:- G.711U/A, G.711Mu, G.726, AAC, G.723 4) Wide Dynamic Range:- WDR (120db or more) 5) Digital Noise Reduction:- DNR (3D) On/Off 6) Video Streaming & Frame Rates :- Triple streaming , configurable (Main stream: 2MP (1920 ×1080)@25/30 fps,Sub streams minimum: 720P@25/30 fps). 7) Image Setting: Rotate Mode, saturation, brightness, contrast, sharpness adjustable through client software or web browser, Edge Analytics: Tripwire, Intrusion, Motion Detection 8) Cyber Security: AES 256-bit Encryption, Configuration encryption, trusted execution, Digest, security logs, account lockout, syslog, video encryption, IP/MAC filtering, HTTPS, trusted upgrade, trusted boot. 9) Onboard Storage: Camera should support built-in Micro SD/SDHC/SDXC Card slot upto 512 GB. It should be supplied with minimum 128GB memory Card. 10) Recording Management: Format SD, overwrite, storage management, video to NAS device 11) Alarm Trigger : Motion/tampering detection; audio detection; network disconnection detection; IP conflict detection; memory card state detection; memory space detection 12)Network Protocol: SFTP, IPv6, IPv4, DNS,RTCP, NTP, RTP, HTTP, HTTPS, SNMP TCP/IP, PPPoE, NFS, UDP, ICMP, SSL, DHCP, SMTP, RTSPS, unicast 13) System Capability: ONVIF, Camera shall support open source VMS 14) Ethernet: 1 RJ 45 10/100 Ethernet port 15) Audio : It should support 1 x Built-In Mic and 1/1 Alarm In/ Out for External Mic. and Speakers as per site requirement. 16) Power Input: The camera should support simultaneous dual power input—12 VDC (via power adapter) and PoE (802.3af)—to ensure continuous operation in the event of a failure in one power source. 17) Power Requirement: 12VDC/24 VAC/PoE (802.3af)/ePoE 18) Housing/ Enclosure:- IP67 weather proof, IK10, Metallic body 19) Operating Condition:- Ambient Temperature:- (-)05°C to 50°C, humidity 95% (max) (non-condensing) 20) IR life: 40000 hours or higher 21) Video Bit rate: 32 KBPS - 8 MBPS or better 22) Standards: BIS with ER, STQC Certified, CE, FCC and RoHS 2MP (@ 25/30fps@1080P (1920×1080)) IP IR Dome Camera with 2.8/ 3.6mm fixed lens	4	Each	8,048.00	32,192.00

5	Supplying Installation Testing and Commissioning of 2MP Fixed Lens IP IR Outdoor Bullet Camera having following specifications and features etc :- 1) Signal System: PAL/NTSC, Signal to Noise Ratio: > 50 dB,Camera should display Camera title, Date & Time in live & recorded video 2)Image Sensor: 1/2.8" or better progressive Scan CMOS to get color image even at night condition(Minimum Illumination: 0.006 Lux@ F1.4, AGC ON, 0 lux with IR or better) True Day & Night High Performance Mechanical IR cut filter with auto switch, Integrated IR Source (Auto, Manual)- Inbuilt Smart IR LED's with effective distance upto 50 meter or better and 30 meter for colour view in night, Imaging: 1/3s to 1/30000s electronic shutter support, Auto Gain Control , White Balance- Auto, Back Light Compensation, Multi zone Privacy Masking, HLC, Digital Watermarking. 3) Compression (Minimum):- Video:- H.265 or better, H.264H, H.264, Audio:- G.711U/A, G.711Mu, G.726, AAC, G.723 4) Wide Dynamic Range:- WDR (120db or more) 5) Digital Noise Reduction:- DNR (3D) On/Off 6) Video Streaming & Frame Rates :- Triple streaming , configurable(Main stream: 2MP (1920 × 1080)@25/30 fps Sub streams minimum: 720P@25/30 fps). 7) Image Setting: Rotate Mode, saturation, brightness, contrast, sharpness adjustable through client software or web browser, Edge Analytics: Tripwire, Intrusion, Motion Detection 8) Cyber Security: AES 256-bit Encryption, Configuration encryption, trusted execution, Digest, security logs, account lockout, syslog, video encryption, IP/MAC filtering, HTTPS, trusted upgrade, trusted boot. 9) Onboard Storage: Camera should support built-in Micro SD/SDHC/SDXC Card slot upto 512 GB. It should be supplied with minimum 128GB memory Card. 10) Recording Management: Format SD, overwrite, storage management, video to NAS device, 11) Alarm Trigger : Motion/tampering detection; audio detection; network disconnection detection; IP conflict detection; memory card state detection; memory space detection 12)Network Protocol: SFTP, IPv6, IPv4, DNS,RTCP, NTP, RTP, HTTP, HTTPS, SNMP TCP/IP, PPPoE, NFS, UDP, ICMP, SSL, DHCP, SMTP, RTSPS, unicast,13) System Capability: ONVIF, Camera shall support open source VMS 14) Ethernet: 1 RJ 45 10/100 Ethernet port 15) Audio : It should support 1 x Built-In Mic and 1/1 Alarm In/ Out for External Mic. and Speakers as per site requirement. 16) Power Input: The camera should support simultaneous dual power input—12 VDC (via power adapter) and PoE (802.3af)—to ensure continuous operation in the event of a failure in one power source. 17) Power Requirement: 12VDC/24 VAC/PoE (802.3af)/ePoE 18) Housing/ Enclosure:- IP67 weather proof, IK10, Metallic body 19) Operating Condition:- Ambient Temperature:- (-)05°C to 50°C, humidity 95% (max) (non-condensing) 20) IR life: 40000 hours or higher 21) Video Bit rate: 32 KBPS - 8 MBPS or better 22) Standards: BIS with ER, STQC Certified, CE, FCC and RoHS 2MP @ 25/30fps@1080P (1920×1080) Outdoor Bullet Camera with 2.8/ 3.6mm fixed lens	2	Each	7,760.00	15,520.00

6	Supplying, Installation, Testing & Commissioning of Type 1 IP Phone having 2 VoIP account, 120 x40 DOT matrix screen with backlight, Full HD duplex speaker phone, IPV6, Gigabit Etherent, PoE etc. complete as required.	6	Each	11,698.00	70,188.00
7	Supplying, Installation, Testing and commissioning of RJ45 Connector for CAT 6/6A Cables. RJ45 modular plug supports 4 twisted pairs, 8 positions, 8 connectors. Housing: PC, UL94V-2, transparent color, Use for 24- 26 AWG stranded wires etc. complete as required.	60	Each	9.00	540.00
8	Supplying, drawing, Installation, Testing and commissioning of CAT6 UTP LSZH 23AWG Twisted Pair Cable in existing conduit/ on surface, Category 6 Unshielded Twisted Pair, 4 pair should be complied as per UL/ETL verification program for compliance with ANSI/TIA-568.2-D standard. Outer diameter should be in the range of 6.1mm nominal with Operating Temperature Range : -5° to +60°C, Bending Radius : < 4 X Cable Diameter at –5°C ± 1°C and Pulling Force : 11.5Kg etc. complete as required.				
8.1	1 run of cable	100	Meter	60.00	6,000.00
8.2	2 run of cable	100	Meter	96.00	9,600.00
9	Supply, Installation, testing and commissioning of 55 Inch (approx 139 cm) commercial LED smart Television with 4K Ultra HD, Resolution 3840 x 2160 suitable for 230V AC, 50Hz, LED Panel with HDR support(HDR10/HLG), minimum 60Hz refresh rate, wide viewing angle, built-in smart OS (with internet connectivity), minimum 3HDMI and USB ports, Ethernet and Wi-fi connectivity, in-built speaker, wall-mount compatibility, complete with remote, power cord, mounting accessories and all necessary work, complete etc as required or as directed by Engineer-in-charge.	1	Each	55,525.00	55,525.00
10	Supplying, Installation, Testing & Commissioning of LED Recessed/ surface Down lighter (Round/ square/ Rectangular) SMD type of following body material with PMMA and prismatic diffuser and construction as per IS : 10322 with driver as per the requirement with Driver efficiency >85%, Operating voltage AC 140-270 Volt, frequency 50/60 hz, Operating temp range -50C to 400C, internal surge protection of 2.5 KV with Short & Open circuit protection ,THD < 10% , P. F.≥0.95, IP20, CRI >80, UGR (Unified Glare Rating) < 19, Flicker free (flicker should be below 5%), life time (LED, Driver & electrical circuitry), of minimum 50000 Burning Hours with 70% of initial Lumen maintained till life ends, CCT 3000°K /4000°K / 5700°K / 6500°K (As per ANSI Bin), SDCM (Standard Deviation Colour Matching) <3, Maximum power consumption should not more than the specified rating and Fixture shall be confirming to relevant BIS standards. Manufactures Word Mark/ Name Engraved/ Embossing/ Screen printing on housing Complete in all respect i/c external connections with 1.5 sq.mm FRLS/HFFR, PVC insulated copper conductor single core cable and earthing etc. as required with Minimum 5 year OEM warranty. System lumen efficacy ≥105 and <120 lm/Watt output . LM79 & LM80 Test report and all testing required for LED fixtures as per BIS shall be submitted. Shape size and CCT shall be as approved by Engineer-in-Charge as per requirement. (Thermal management: heat sink of aluminium housing such that LED junction temperature shall not rise above 90°C) Powder coated die cast /Extruded aluminium Body including trim				
10.1	12 -15 watt	10	Each	715.00	7,150.00

11	Supplying, installation, Testing & Commissioning of Panel light 2x2 ft., of following body material and construction as per IS : 10322 with driver as per the requirement with Driver efficiency >85%, Operating voltage AC 140-270 Volt, frequency 50/60 hz, Operating temp range -5 0C to 40 0C, internal surge protection of 2.5 KV with Short & Open circuit protection, THD < 10% , P. F.≥0.95, IP20, CRI >80, UGR (Unified Glare Rating) < 19, Flicker free, (flicker should be below 5 %), life time (LED, Driver & electrical circuitry), of minimum 50000 Burning Hours with, 70% of initial Lumen maintained till life ends as per LM80 extrapolation IES TM-21-11 report, CCT 3000°K / 4000°K / 5700°K /6500°K (As per ANSI Bin), SDCM(Standard Deviation Colour Matching) <3, Maximum power consumption should not more than the specified rating and Fixture shall be of relevant BIS standard. Manufactures Word Mark/ Name Engraved/ Embossing/ Screen printing on housing. complete in all respect i/c external connections with 1.5 sq mm FRLS/HFFR, PVC insulated copper conductor single core cable and earthing etc. as required with Minimum 5 year OEM warranty. System lumen efficacy ≥105 <120 lm/Watt output . LM79 & LM80 Test report and all testing required for LED fixtures as per BIS shall be submitted. Shape size and CCT shall be as approved by Engineer-in-Charge as per requirement. (Thermal management: heat sink of aluminium housing such that LED junction temperature shall not rise above 90°C). Powder coated die cast /Extruded aluminium Body (Thickness > 1.20 mm)				
11.1	36 watt	2	Each	2,508.00	5,016.00
12	Supplying, installation, Testing & Commissioning of Street light LED fixture powder coated pressure die cast aluminium body with driver as per the requirement with Driver efficiency >85%, Input voltage: 140-270 Volt AC, frequency 50/60 hz, Operating temp range -5 0C to 50 0C, internal surge protection of 5 KV L,N,E as per IEC 61000-4-5, Driver efficiency >85%,THD < 10% as per IEC 61000-3-2, P. F.≥0.95, IP-66,IK-10, CRI >70, under voltage and over voltage protection, EMIEMC As per CISPR 15 , lenses for beam angle as per IESNA type I/II/III as per the width of the road and the project requirement., suitable to fit in up to 65mm dia pipe, life time (LED, Driver & electrical circuitry) of minimum 50000 Burning Hours with 70% of initial Lumen maintained till life ends as per LM80 extrapolation IES TM-21-11 report, CCT 3000°K / 4000°K / 5700°K /6500°K (As per ANSI Bin), SDCM(Standard Deviation Colour Matching) <5, Maximum power consumption should not more than the specified rating and Fixture shall be of relevant BIS standard complete in all respect i/c external connections with 1.5 sq mm FRLS/HFFR, PVC insulated copper conductor single core cable and earthing etc. as required with Minimum 5 year OEM warranty. System lumen efficacy ≥120 <135 lm/Watt output . LM79 & LM80 Test report and all testing required for LED fixtures as per BIS shall be submitted. Shape size and CCT shall be as approved by Engineer-in-Charge as per requirement. (Thermal management: heat sink of aluminium housing such that LED junction temperature shall not rise above 90°C).				
12.1	72 watt	2	Each	2,128.00	4,256.00

13	Supplying, Installation, Testing & Commissioning of Flood Light, powder coated pressure die cast aluminium body with built in or separate driver as per the requirement with Driver efficiency >85%, Input voltage: Input voltage: 140-270 Volt AC, frequency 50/60 hz, Operating temp range -5 0C to 50 0C, internal surge protection of 5 KV L,N,E as per IEC 61000-4-5, Driver efficiency >85%,THD < 10% as per IEC 61000-3-2, P. F.≥0.95, IP-66,IK-10, CRI >70, under voltage and over voltage protection, EMI-EMC as per CISPR-15, lenses for beam angle 30 deg-120deg as per the application and the project requirement, suitable tilt able fitting, life time (LED, Driver & electrical circuitry) of minimum 50000 Burning Hours with 70% of initial Lumen maintained till life ends as per LM80 extrapolation IES TM-21-11 report, CCT 3000°K / 4000°K / 5700°K /6500°K (As per ANSI Bin), SDCM(Standard Deviation Colour Matching) <5, Maximum power consumption should not more than the specified rating and Fixture shall be of relevant BIS standard complete in all respect i/c external connections with 1.5 sq.mm FRLS/HFFR, PVC insulated copper conductor single core cable and earthing etc. as required with Minimum 5 year OEM warranty. System lumen efficacy ≥120 and <135 lm/Watt output . LM79 & LM80 Test report and all testing required for LED fixtures as per BIS shall be submitted.. Shape size and CCT shall be as approved by Engineer-in-Charge as per requirement. (Thermal management: heat sink of aluminium housing such that LED junction temperature shall not rise above 90°C).				
13.1	100 watt	5	Each	2,467.00	12,335.00
14	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
14.1	Single pole	6	Each	285.00	1,710.00
14.2	Double pole	4	Each	696.00	2,784.00
15	Supply, installation, testing and commissioning of 400 mm sweep oscillation type wall mounted fan suitable for 230V single phase AC supply with in-built speed control, including all accessories, etc. complete as required.	4	Each	3,353.00	13,412.00
16	Dismantling of existing electrical installations in the entire office building including less credit for the buy-back of following unserviceable / worn out dismantled electrical materials i/c removal from site etc as required .				
16.1	8 port PoE Layer 2 Network Switch	2	Each	-10.00	-20.00
16.2	2 MP Dome Camera	4	Each	-40.00	-160.00
16.3	2MP Bullet Camera	2	Each	-50.00	-100.00

16.4	Type 1 IP Phone	6	Each	-20.00	-120.00
16.5	LED Recessed/ surface Down lighter (Round/ square/ Rectangular)	10	Each	-19.00	-190.00
16.6	2x2 ft. Panel light	2	Each	-39.00	-78.00
16.7	LED Street light Fitting	2	Each	-80.00	-160.00
16.8	LED Flood Light Fitting	5	Each	-80.00	-400.00
16.9	400 mm sweep wall mounted fan	4	Each	-243.00	-972.00
				Total	3,32,722.00

Assistant Engineer (E)-II
CPWD Punaichak, Patna

Central Public Works Department

NIT No: 39/EE (E)-PATNA/AE (E)-II/2026-27

Conditioning System, Fire Fighting & Fire Alarm System and PA System at MSME office, Patliputra, Patna. (SH: Miscellaneous works)

SCHEDULE OF QUANTITIES

Name of the Contractor / Company Name					
Sl.No.	**Name of component**	**Estimated cost**	**Percentage above or below the estimated cost**	**% in Figures**	**Total Cost**
1	**Works as per SOQ**	3,32,722.00	Select	0.00	-
	Grand Total				-

Assistant Engineer (E)-II
CPWD Punaichak, Patna

केन्द्रीय लोक निर्माण विभाग

कार्यालय ज्ञापन

No. DG/CON/Maintenance 2023/02

ISSUED BY THE AUTHORITY OF DIRECTOR GENERAL, CPWD

Nirman Bhawan, New Delhi Dated: 08.12.2023

Subject: Modifications in Conditions of Contract, Clause 5 and schedule F in clause 5 of GCC 2023 Maintenance Works

The following amendments are made in the GCC 2023 for Maintenance works.

Existing Provision	Modified Provision
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 (xvii) (xviii) No provision	**CONDITIONS OF CONTRACT** **Definitions** 2. No change:- (i) to (xvii) No Change **(xviii) Concurrent delay: Concurrent delays are those delays occurring in the work concurrently in any combination or combination of all delay fall under different sub clauses 5.2, 5.3 and 5.5.**
Clause 5 Time and Extension for Delay The time allowed for execution of the Works as specified in the Schedule 'F' or the extended time in accordance with these conditions shall be the essence of the Contract. The execution of the work shall commence from such time period as mentioned in schedule 'F' or from the date of handing over of the site, notified by the Engineer-in-Charge, whichever is later. If the Contractor commits default in commencing the execution of the work as aforesaid, the performance guarantee shall be forfeited by the Engineer in Charge and shall be absolutely at the disposal of the Government without prejudice to any other right or remedyavailable in law.	**Clause 5 Time and Extension for Delay** The time allowed for execution of the Works as specified in the Schedule 'F' or the extended time in accordance with these conditions shall be the essence of the Contract. The execution of the work shall commence from such time period as mentioned in schedule 'F' or from the date of handing over of the site, notified by the Engineer-in-Charge, whichever is later. If the Contractor commits default in commencing the execution of the work as aforesaid **and such default continues even after time period specified in the notice in writing by the Engineer-in-Charge then** the performance guarantee shall be forfeited by the Engineer-in-Charge and shall be absolutely at the disposal of the Government without prejudice to

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	any other right or remedy available in law. **The contract shall stand determined when such decision of forfeiture of the performance guarantee is issued to the contractor.**
5.1 As soon as possible but within 7 (seven) working days of award of work and in consideration of	5.1 **The contractor** as soon as possible but within 7 (seven) days of **issue of letter of** award of work **shall submit a time and progress chart to the Engineer-in-Charge. Such chart shall be made in due** consideration of
a. Schedule of handing over of site asspecified in the Schedule 'F' b. Schedule of issue of designs as specified in the Schedule 'F',	a. Schedule of handing over of site as specified in the Schedule 'F' b. Schedule of issue of design**(s) and drawing(s)** as specified in the Schedule 'F',
i. the Contractor shall submit a Time and Progress Chart for each mile stone. The Engineer-in-Charge may within 7 (seven) working days thereafter, if required modify, and communicate the program approved to the contractor failing which the program submitted by the contractor shall be deemed to be approved by the Engineer-in- Charge. The Chart shall be prepared in direct relation to the time stated in the Contract documents for completion of items of the works. It shall indicate the forecast of the dates of commencement and completion of various trades of sections of the work and may be amended as necessary by agreement between the Engineer-in-Charge and the Contractor within the limitations of time imposed in the Contract documents.	i. The Contractor shall submit a Time and Progress Chart for each milestone. The Engineer-in-Charge may within 7 (seven) days **of receipt of such chart, make modifications thereafter,** if **any,** and communicate the approved **chart** to the contractor**,** failing which the **chart** submitted by the contractor shall be deemed to be approved by the Engineer-in- Charge. The Chart shall be prepared in direct relation to the time stated in the Contract documents for completion of items of the works. It shall indicate the forecast of the dates of commencement and completion of various trades of sections of the work and may be amended as necessary by agreement between the Engineer-in-Charge and the Contractor within the limitations of time imposed in the Contract documents.
ii. In case of non-submission of construction programme by the contractor, the program approved by the Engineer-in-Charge shall be deemed to be final.	ii. In case of non-submission of **time and progress chart** by the contractor, the **chart prepared by the** Engineer-in- Charge shall be deemed to be final.

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iii. The approval by the Engineer-in-Charge of such programme shall not relieve the contractor of any of the obligations under the contract.	iii. The approval by the Engineer-in-Charge of such programme shall not relieve the contractor of any of the obligations under the contract.
iv. The contractor shall submit the Time and Progress Chart and progress report using the mutually agreed software or in other format decided by Engineer-in-Charge for the work done during previous month to the Engineer-in-charge on or before 5th day of each month failing which a recovery as per Schedule F to be decided by the NIT approving authority shall be made on per week or part basis in case of delay in submission of the monthly progress report	**iv.** The contractor shall submit the Time and Progress Chart **containing upto date progress of work** using the mutually agreed software or in **the** format decided by Engineer-in-Charge. **Such chart shall be submitted by the contractor on or before 5th day of each month failing which a recovery as mentioned in Schedule 'F' shall be made at the earliest from running account bill without any notice in this regard.**
v. **No provision**	**v. While recording the hindrances in the progress of the work, due consideration should be given to the cause of hindrance. The hindrances shall be segregated in following categories :** **a) delays due to reasons beyond the control of both parties (sub-clause 5.2)** **b) delays attributable to the Department and concurrent delays (sub-clause 5.3).** c) **delays solely attributable to the contractor (sub-clause 5.5)**
5.2 If the work(s) be delayed by:- i. force majeure, or ii. abnormally bad weather, or iii. serious loss or damage by fire, or iv. civil commotion, local commotion of workmen, strike or lockout, affecting any of the trades employed on the work, or v. delay on the part of other contractors or tradesmen engaged by Engineer-in-Charge in	**5.2 Delays due to reasons beyond the control of both parties:** If the work(s) delayed by:- i. force majeure, or ii. abnormally bad weather, or iii. serious loss or damage by fire, or iv. civil commotion, local commotion of workmen, strike or lockout, affecting any of the trades employed on the work, or v. delay on the part of other contractors or tradesmen engaged by Engineer-in- Charge in

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executing work not forming part of the Contract, or vi. any other cause like above which, in the reasoned opinion of the Engineer-in-Charge is beyond the Contractor's control	executing work not forming part of the Contract, or vi. any other cause like above which, in the reasoned opinion of the Engineer-in-Charge is beyond the Contractor's control.
Then upon the happening of any such event causing delay, the contractor shall immediately give notice thereof in writing to the Engineer-in-Charge but shall nevertheless use constantly his best endeavours to prevent or make good the delay and shall do all that may be reasonably required to the satisfaction of the Engineer-in-Charge to proceed with the works.	Then upon the happening of any such event causing delay, the contractor shall **within 03 (three) days** give **online** notice thereof **through ERP Portal** to the Engineer-in-Charge but shall nevertheless use constantly his best endeavors to prevent or make good the delay and shall do all that may be reasonably required to the satisfaction of the Engineer-in-Charge to proceed with the work(s). **The contractor shall have no claim on account of any hindrance in case notice(s) are not given by the contractor through ERP portal.** **The Engineer-in-Charge, on receipt of such notice(s) after considering the factual ground situation, shall either acknowledge or reject the notice(s)** **In case of rejection, the reason(s) for rejection shall be communicated by Engineer-in-Charge to the agency.** **The decision of Engineer-in-Charge with regard to nature of event causing delay, its start date and end date, as has been finalized during acknowledgement of notice, shall be final and binding.** **The end date of such events shall be recorded by Engineer-in-Charge either during acknowledgment of notice or subsequent to acknowledgement if end date of hindrance is after the date of acknowledgement of notice.** **In absence of notice by the contractor, Engineer-in-Charge or his representative(s) may record the events causing delay within 05 (five)**

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	days of occurrence of hindrance on ERP portal provided further that not recording of events causing delay by the Engineer-in-Charge does not ipso facto entitle the contractor for any hindrance.
The contractor shall have no claim of damages for extension of time granted or rescheduling of milestone/s for events listed in sub clause 5.2.	**No change.**
5.3 In case the work is hindered in the opinion of the contractor, by the Department or for any reason / event, for which the Department is responsible, the authority as indicated in Schedule 'F' shall, if justified, give a fair and reasonable extension of time and reschedule the mile stones for completion of work.	**5.3 Delays attributable to the department** In case the work is hindered, in the opinion of the contractor, by the Department or for any reason / event, for which the Department is responsible, **then upon the happening of such event causing delay, the Contractor shall within 3 (three) days give online notice there of through ERP Portal to the Engineer-in-Charge but shall nevertheless use constantly his best endeavours to prevent or make good the delay and shall do all that may be reasonably required to the satisfaction of the Engineer-in-Charge to proceed with the work.** **The contractor shall not be entitled for any hindrance in case notice(s) are not given by the contractor through ERP portal.** **The Engineer-in-Charge, on receipt of such notice(s) after considering the factual ground situation, shall either acknowledge or reject the notice(s).** **In case of rejection, the reason(s) for rejection shall be communicated by Engineer-in-Charge to the agency.** **The decision of Engineer-in-Charge with regard to nature of event causing delay, its start date and end date, as has been finalized during acknowledgement of notice, shall be final and binding.**

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(EE (Contact)

	The end date of such events shall be recorded by Engineer-in-Charge either during acknowledgment of notice or subsequent to acknowledgement if end date of hindrance is after the date of acknowledgement of notice. **In absence of notice by the contractor, Engineer-in-Charge or his representative(s) may record the events causing delay within 05 (five) days of occurrence of hindrance on ERP portal provided further that not recording of events causing delay by the Engineer-in-Charge does not ipso facto entitle the contractor for any hindrance.**
Such extension of time or rescheduling of milestone/s shall be without prejudice to any other right or remedy of the parties in contract or in law, provided further that for concurrent delays under this sub clause and sub clause 5.2 to the extent the delay is covered under sub clause 5.2 the contractor shall be entitled to only extension of time and no damages.	Such extension of time or rescheduling of milestone**(s)** shall be without prejudice to any other right or remedy of the parties in contract or in law, provided further that for concurrent delay(s) under this sub clause and sub clause 5.2 to the extent the delay is covered under sub clause 5.2**,** the contractor shall be entitled to only extension of time and **shall have** no **claim of** damages.
5.4 Request for rescheduling of Mile stones or extension of time, to be eligible forconsideration, shall be made by the Contractor in writing within fourteen days of the happening of the event causing delay on the prescribed forms i.e. Form of application by the contractor for seeking rescheduling of milestones or Form of application by the contractor for seeking extension of time (Appendix - XVI) respectively to the authority as indicated in Schedule 'F'. The Contractor shall indicate in such a request the period by which rescheduling of milestone/s or extension of time is desired.	5.4 **Rescheduling of milestone(s) and 'extended date of completion'** The request for rescheduling of Milestone(s**) and** extension of time, shall be made by the Contractor **through ERP Portal once in a month on the basis of hindrances accepted by Engineer-in-Charge under sub-clause 5.2 and sub-clause 5.3.** The Contractor shall indicate in such a request **number of days** by which rescheduling of milestone**(s) and/**or extension of time is desired.
With every request for rescheduling of milestones, or if at any time the actual progress of work falls behind the approved programme by more than 10% of the stipulated period of completion of contract, the contractor shall produce a revised programme without causing any delay in execution	**Deleted**

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of the work. A recovery as specified in Schedule 'F' shall be made on per day basis in case of delay in submission of the revised programme.	
No provision	**The authority as indicated in Schedule 'F', after examining the request, shall give a fair and reasonable extension of time for completion of work and simultaneously reschedule the milestone(s), if required so. The authority shall consider all the hindrances accepted as per sub-clauses 5.2, 5.3 and 5.5.** **The authority shall decide rescheduling of milestone(s) and extension of time within 21 (Twenty One) days of the request submitted by the contractor through ERP portal. In event of no request by the contractor for rescheduling of milestone(s) and extension of time, the authority as indicated in Schedule F, after affording opportunity to the contractor, may give fair and reasonable extension of time based on hindrances accepted by Engineer-in-Charge and reschedule the milestone(s) once in a month. Such justified extension of time shall determine the 'extended date' of completion of work.**
5.4.1 In any such case the authority as indicated in Schedule 'F' may give a fair and reasonable extension of time for completion of work or reschedule the mile stones.	5.4.1 **Provided that the end date of any event causing delay shall not fall beyond the date of request for extension of time or rescheduling of milestone(s) by the contractor. In case end date of event falls beyond the date of submission of said request, then period for extension up to date of application shall be considered in the said request for events eligible for consideration and remaining period shall be applied in subsequent request of extension of time or rescheduling of milestone(s).**
E-in-C shall finalize/ reschedule a particular mile stone before taking an	**Engineer-in-Charge** shall finalize/ reschedule a particular mile stone

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action against subsequent mile stone. Such extension or rescheduling of the milestones shall be communicated to the Contractor by the authority as indicated in Schedule 'F' in writing, within 21 days of the date of receipt of such request from the Contractor in prescribed form. In event of non-application by the contractor for extension of time E-in-C after affording opportunity to the contractor, may give, supported with a programme (as specified under 5.4 above), a fair and reasonable extension within a reasonable period of occurrence of the event.	before taking an action against subsequent mile stone. Such extension or rescheduling of the milestones shall be communicated to the Contractor by the authority as indicated in Schedule 'F' in writing, within 21 **(twenty one)** days of the date of receipt of such request from the Contractor **on ERP Portal.**
5.5 In case the work is delayed by any reasons, in the opinion of the Engineer- in-Charge, by the contractor for reasons beyond the events mentioned in clause 5.2 or clause 5.3 or clause 5.4 and beyond the justified extended date, without prejudice to right to take action under Clause 3, the Engineer-in-Charge may grant extension of time required for completion of work without rescheduling of milestones. The contractor shall be liable for levy of compensation for delay for such extension of time.	5.5 **Delays attributable solely to the contractor** **In case the work is delayed by reasons solely attributable to the contractor, then Engineer-in-Charge or his representative(s) may record the event causing delay within 05 (five) days of occurrence of delay in the ERP portal. Contractor shall take the notice of the same for necessary action. He may submit his version, if any within 05 (Five) days. Engineer-in-Charge, considering the version of the contractor, will take decision on such recording of the event and the decision of the Engineer-in-Charge shall be final and binding.** **The contractor shall be liable for levy of compensation for such delays (i.e. for the period beyond the justified extended date of completion as determined in sub clause 5.4 and this default of contractor shall be dealt in conjunction with clause 2 of the contract.** **In case the work is delayed, due to hindrances attributable solely to the contractor, beyond the justified extended date (as stated in sub clause 5.4), the authority indicated in Schedule 'F', without prejudice to provisions to take action under Clause 3, may grant extension of**

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	time required for completion of work without rescheduling of milestone(s) and extend the date of completion.
PROFORMA OF SCHEDULES (Separate Performa for Civil, Elect.& Hort. Works in case of Composite Tenders) **SCHEDULE 'F'** **Clause 5** **Authority to decide:**	**PROFORMA OF SCHEDULES (Separate Performa for Civil, Elect. & Hort. Works in case of Composite Tenders)** **SCHEDULE 'F'** **Clause 5**
i. Extension of time ..... (Engineer in Charge or Engineer in Charge of Major Component in case of Composite Contracts, as the case may be)	i. **Authority to convey the decision of shifting of milestone and** extension of time ..... (Engineer-in-Charge or Engineer-in-Charge of Major Component in case of Composite Contracts, as the case may be)
ii. Rescheduling of mile stones ..... (Superintending Engineer/ PM/CPM in Charge or Superintending Engineer/ PM/CPM in Charge of Major Component in case of Composite Contracts, as the case may be)	**ii. Authority to decide rescheduling of milestone and** extension of time ..... (SE/**SE&PD/ CE/ CE&ED).**
iii. Shifting of date of start in case of delay in handing over of site ..... (Superintending Engineer/ PM/CPM in Charge or Superintending Engineer in Charge of Major Component in case of Composite Contracts, as the case may be)	iii. Shifting of date of start in case of delay in handing over of site ..... (SE/**SE&PD/CE/ CE&ED).**

This OM is applicable for all NITs uploaded after date of issue of this OM.

This is issued with the approval of DG CPWD.

08.12.2023

(वी. पी.साहू)

अधीक्षण अभियंता (सी.एंड एम.)

Issued from file No. CSQ/CM/17(1)/2023/ Maintenance e-file 9161772

के.लो.नि.वि. तथा लो.नि.वि. दिल्ली के सभी अधिकारियों को आवश्यक सूचना एवं कार्यवाही हेतु (के.लो.नि.वि.वेबसाईट के माध्यम से)।

11.12.2023

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(EE (Contact)

केन्द्रीय लोक निर्माण विभाग

कार्यालय ज्ञापन

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 **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)	**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) **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.**

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(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),	**(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.	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** **i. For percentage rate tender, the extra item(s) shall be paid as per the Standard Schedule of Rates, mentioned in Schedule F, enhanced or reduced by the applicable cost index and further enhanced or reduced by percentage above/ below quoted by the contractor on estimated cost put to tender.** **ii. For item rate tender, the extra item(s) shall be paid as per the said schedule rate enhanced or reduced by the applicable cost index and multiplied by (Contract amount divided by estimated cost put to tender).**

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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' GENERAL RULES & DIRECTIONS: Officer inviting tender ..... 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	**SCHEDULE 'F'** GENERAL RULES & DIRECTIONS: **No Change** **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 12.2 Deviation Limit beyond which clauses 12.2 shall apply for building work	**Clause 12** **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

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

18/12/2023
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(EE (Contact)

केन्द्रीय लोक निर्माण विभाग

कार्यालय ज्ञापन

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 Sl. No. 1 **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. Sl. No. 3 **4. No provision** **5. No provision**	**5.2 Performance Guarantee** **No Change** 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. **No Change** **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. 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**

	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.**

This is issues with the approval of DG CPWD.

27.02.2026

((चन्द्र पाल)
अधीक्षण अभियंता (सी एंड एम)
Chander 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)