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NIT NO: 213/2026-27/DED-201/2
Name of Work: MOEI of AC Appliances, (Acs, DCs, Refrigerators & water cooler etc.) installed at HMP's Bungalows under Sunehri Bagh Road, SD-2, DED-201, New Delhi. (SH : Re-dressing of damages Copper Tubes, ITC & Relocation of STACs at various bungalows).
Estimated cost: Rs. 5,86,936/-
Earnest Money: Rs. 11,739/-
Time allowed: 06 Month

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NIT Amounting to Rs. 5,86,936/- (Rupees Five Lakhs Eighty Six Thousand Nine Hundred Thirty Six Only) contains Page 1 to 26 is hereby approved.

Assistant Engineer (E)
Sub Divn-2, DED-201, CPWD
Sunehri Bagh Road, New Delhi

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

The Assistant Engineer (E), Sub Division-2, DED-201 CPWD, Sunehri Bagh, New Delhi-110001 on behalf of President of India invites online percentage rate tender on open bid system registered contractors of appropriate class under Building and Road Category in CPWD for the following work:

S. No.	NIT No.	Name of work & Location	Estimated cost put to tender	Earnest Money	Period of completion	Last date & time of online submission of bid, copy of receipt of deposition of original EMD, and other documents as specified in the NIT	Time & date of opening of Technical Bid
1	2	3	4	5	6	7	8
1	213/2026-27/DED-201/2	MOEI of AC Appliances, (Acs, DCs, Refrigerators & water cooler etc.) installed at HMP's Bungalows under Sunehri Bagh Road, SD-2, DED-201, New Delhi. (SH : Re-dressing of damages Copper Tubes, ITC & Relocation of STACs at various bungalows).	Rs. 5,86,936/-	Rs. 11,739/-	06 Months	30-09-2026 upto 03.00 PM	30-09-2026 at 03.30 PM

- The intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he considers himself eligible and is in possession of all the documents required.
- Information and Instructions for bidders posted on website shall form part of bid document.
- The bid document consisting of specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website <http://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) 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.

- But the bid can only be submitted after depositing of original EMD either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission and uploading the mandatory scanned documents such as Insurance Surety Bonds, Account Payee Demand draft or Banker's Cheque or Fixed Deposit Receipts or/ and Bank Guarantee including e-Bank Guarantee (for balance amount as prescribed) from any of the Commercial Bank towards EMD /e-transfer through bharatkosh.gov.in in favour of **Executive Engineer (E), PWED-II, CPWD, New Delhi**, in the office of Executive Engineer (E), PWED-II, CPWD, New Delhi or any Executive Engineer, CPWD and receipt for deposition of original EMD to division office of any Executive Engineer (including NIT issuing EE/ AE), CPWD and other documents as specified within stipulated time. The same can also be deposited through bharatkosh.gov.in by selecting urban development & poverty alleviation, under EMD head by further selecting PAO: - 043144, PAO (NDZ), CPWD, MOUD, New Delhi, their after DDO-143174, Executive Engineer (E), PWED-II, CPWD New Delhi. Earnest money shall be returned to the unsuccessful bidders on completion of e-tender and uploading the scanned copy of receipt of Bharat kosh is mandatory.
- Those contractors who are not registered or have not updated their profile on the website mentioned above, are required to get registered / update their profile beforehand. The necessary training

- materials including the videos with step-to-step process are available on download section of <https://etender.cpwd.gov.in>
6. The intending bidder must have valid Class-III digital signature certificate with encryption key (combo type) to perform any operations / transactions on the e-tendering portal / website and the bidder should download and install the eMsigner on their system as per instructions available on download section of <https://etender.cpwd.gov.in>.
 7. On opening date, the contractor can login and see the bid opening process. After opening of bid he will receive the competitor bid sheets.
 8. Contractor can upload documents in the form of JPG format and PDF format.
 9. Contractor must ensure to quote rate in the prescribed column(s) meant for quoting rate in figures appears in yellow colour and the moment rate is entered; it turns sky blue. In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as "0". Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (ZERO). However, if a tenderer quotes nil rates against each item in item rate tender or does not quote any percentage above/below on the total amount of the tender or any section / sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.
 10. Online bid documents submitted by intending bidders shall be opened only of those bidders, who has submitted the documents as per terms of the NIT.
 11. If any information furnished by the applicant is found incorrect at a later stage, he shall be liable to be debarred from tendering/taking up of works in CPWD. The department reserves the right to verify the particulars furnished by the applicant independently.
 - ~~12.~~ All cess/duties/taxes as applicable on the date of receipt of tender shall be borne by the contractor. The contractor shall quote his rates considering all such cess/duties/taxes. Contractor must have GST registration. No reimbursement shall be made for taxes paid like GST etc.
 - ~~13.~~ The bidders are advised to inspect and examine the site & its surroundings and satisfy themselves before submitting their tender. A bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent upon any misunderstanding or otherwise shall be allowed.
 14. The tenderer should read all the instructions, terms & conditions, contract clauses, nomenclature of items, specifications etc., contained in the tender document very carefully, before quoting the rates
 15. The tenderer should also read the **General conditions of contract for CPWD works 2023 (maintenance work)** modified/Amended up to last date of submission of tender, published by DG CPWD, Nirman Bhawan, New Delhi which will be a part of the Agreement.
 16. The contractor shall quote his rates keeping in mind the specifications, terms & conditions, additional and special conditions etc. and nothing shall be payable extra whatsoever unless otherwise specified.
Provision for Labour Camp": (No. CSQ/C&M/C37(8)/2005/688, dated, 07.07.06.
 17. The contractor shall have to make his own arrangement for housing facilities for staff and labour away from site and shall have to transport the labour to and fro between construction site and labour camp at his own cost. No labour huts will be allowed to be constructed at the site. The decision about store at site shall rest with the Engineer-in-charge and the contractor shall have no claim on this account.
 - ~~18. This bid is being invited for repair/rehabilitation/upgradation of the bungalows primarily allotted to the Member of Parliament. The contractor must prepare the programme in consultation with Engineer-in-charge as per requirement and the contractor must augment the resources accordingly.~~
 19. All needful statutory provision to be adopted at site to tackle epidemic/pandemic or similar situation of Covid-19 shall be done by the agency and expenditure on the same shall be borne by the contractor.

20. List of Document to be scanned and uploaded within the period of bid submission:

- (i) Insurance surety bond, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee issued by a Commercial Bank against EMD / e-transfer through bharatkosh.gov.in by selecting urban development & poverty alleviation, under EMD head by further selecting PAO: - 043144, PAO (NDZ), CPWD, MOUD, New Delhi. **(Note: - EMD Should be in favour of Executive Engineer(E), PWED-2, CPWD, New Delhi)**
- (ii) Copy of receipt for deposition of original EMD issued from division office of any Executive Engineer, CPWD (The EMD document shall be issued from the place in which the office of receiving division office is situated).
- (iii) Copy of enlistment order of CPWD contractor in appropriate class (Building and Road) category
- (iv) Copy of Pan Card
- (v) ERP Training Certificate issued by National CPWD Academy (NCA), Ghaziabad / Regional Training institute, CPWD.
- (vi) Valid Electrical Contractor License or undertaking that they will either obtain valid electrical license at the time of execution of electrical work or associate the contractor having valid electrical license of appropriate class.
(Undertaking Form Enclosed Pg. 06)
- (vii) An affidavit to be uploaded as regard to that I/we have not been debarred suspended for tendering in CPWD till the last date of submission of bid.
- (viii) Copy of GST Registration Certificate of the state in which the work is to be taken up, if already obtained by the bidder.
If the bidder has not obtained GST registration in the state in which the work is to be taken up, or as required by GST authorities then in such a case the bidder shall scan and upload following undertaking along with other bid documents.
"If work is awarded to me, I/We shall obtain GST registration certificate of the state, in which work is to be taken up, 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) Email & mobile no. of the firm/ agency on the letter head of firm/ agency (For making correspondence)

Note:- The lowest bidder is required to produce original document on or before or at the time of submission of performance Guarantee Money which are uploaded by the bidder at the time of bid submission otherwise Performance Guarantee Money shall not be accepted and EMD shall be forfeited.

Assistant Engineer (E)
Sub Divn-2, DED-201, CPWD
Sunehri Bagh, New Delhi.

INFORMATION AND INSTRUCTIONS FOR CONTRACTORS FOR

E-TENDERING

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

Receipt of deposition of original EMD (Receipt No..... / date.....)	
1.	Name of work: - MOEI of AC Appliances, (Acs, DCs, Refrigerators & water cooler etc.) installed at HMP's Bungalows under Sunehri Bagh Road, SD-2, DED-201, New Delhi. (SH : Re-dressing of damages Copper Tubes, ITC & Relocation of STACs at various bungalows).
2.	NIT No.: - 213/2026-27/DED-201/2
3.	Estimated Cost. Rs. 5,86,936/-
4.	Amount of Earnest Money Deposit Rs. 11,739/-
5.	Last date of submission of bids: - 30-09-2026, upto 15:00 Hrs. <i>(*To be filled in by Tender inviting authority / NIT approving authority at the time of issue of NIT and uploaded along with NIT)</i>
1.	Name of Contractor#
2.	Form of EMD#
3.	Amount of Earnest Money Deposit#
4.	Date of submission of EMD#
Signature, Name and Designation of EMD receiving officer along with officer stamp	
<i>(# To be filled by EMD receiving EE/DDH)</i>	

3. The Executive Engineer receiving EMD in original form shall examine the EMD deposited by the bidder and shall issue a receipt of deposition of earnest money to the agency in a given format uploaded by tender inviting authority. The receipt can also be issued by any subordinate gazetted authority as authorized by the Engineer-in-charge / DDH.
4. The Executive Engineer receiving original EMD shall also intimate tender inviting Executive Engineer about deposition of EMD by the agency by email/fax/telephonically.
5. The original EMD receiving Executive Engineer shall release the EMD after verification from the e-tendering portal website (<http://etender.cpwd.gov.in> or www.cpwd.gov.in) that the particular contractor is not L-1 tenderer and work is awarded.
6. **If the EMD is deposited in any Sub Division office other than NIT issuing authority than it shall not be considered and tender shall be rejected.**
7. The tender inviting Executive Engineer will call for original EMD of the L-1 tenderer from EMD receiving Executive Engineer immediately.

Undertaking Form

UNDERTAKING FOR ASSOCIATING VALID ELECTRICAL CONTRACTOR LICENSE HOLDER

1. **Name of work:** - MOEI of AC Appliances, (Acs, DCs, Refrigerators & water cooler etc.) installed at HMP's Bungalows under Sunehri Bagh Road, SD-2, DED-201, New Delhi. (SH : Re-dressing of damages Copper Tubes, ITC & Relocation of STACs at various bungalows).
2. **NIT No.:** - 213/2026-27/DED-201/2
3. **Estimated Cost.** Rs. 5,86,936/-
4. **Amount of Earnest Money Deposit** Rs. 11,739/-
5. **Last date of submission of bids:** - 30-09-2026, upto 15:00 Hrs.

I undertake that I will either obtain valid electrical license at the time of execution of electrical work or associate the contractor having valid electrical license of appropriate class after acceptance of tender along-with Performance Guarantee otherwise department shall forfeit the deposited EMD absolutely & shall reject my/our tender and debar me/us from re-tendering for this work

Signature :-.....

Agency Name :-.....

Agency Address :-

.....

CPWD-6 for e-Tendering

Online Percentage rate bids are invited on behalf of President of India invites online from registered contractors of appropriate class under Building and Road Category in CPWD for the work of **“MOEI of AC Appliances, (Acs, DCs, Refrigerators & water cooler etc.) installed at HMP's Bungalows under Sunehri Bagh Road, SD-2, DED-201, New Delhi. (SH : Re-dressing of damages Copper Tubes, ITC & Relocation of STACs at various bungalows).”**

The enlistment of the contractor should be valid on the last date of submission of bids.

In case the last date of submission of bid is extended, the enlistment of contractor should be valid on the original date of submission of bids.

- 1.1 The work is estimated to cost **Rs. 5,86,936/-** This estimate, however, is given merely as a rough guide.
- 1.1.1 The authority competent to approve NIT for the combined cost and belonging to the major discipline will consolidate NITs for calling the bids. He will also nominate Division which will deal with all matters relating to the invitation of bids.
For composite bid, besides indicating the combined estimated cost put to bid, should clearly indicate the estimated cost of each component separately. The eligibility of bidders will correspond to the combined estimated cost of different components put to bid.
2. Agreement shall be drawn with the successful bidders on prescribed Form No. C.P.W.D.-7 which is available as a Govt. of India Publication and also available on website www.eprocure.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 **06 Month** from the date of start as defined in schedule 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the bid documents.
4. (i) The site for the work is available.

OR

~~The site for the work shall be made available in parts as specified below:~~
.....
(ii) The architectural and structural drawing for the work is available

OR

~~The architectural and structural drawings shall be made available in phased manner, as per requirement of the same as per approved programme of completion submitted by the contractor after award of work.~~
5. The bid document consisting of plans, specifications, the schedule of quantities of the various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents except Standard General Conditions of Contract Form can be seen on website <http://etender.cpwd.gov.in> or www.cpwd.gov.in free of cost.
6. After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified.
7. While submitting the revised bid, contractor can revise the percentage rate any number of times but before last time and date of submission of bid as notified.
8. ~~**When bids are invited in three stage system and if it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted then the bid submitted earlier shall become invalid.**~~
9. Earnest Money in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee including e- Bank Guarantee (for balance amount as prescribed) from any of the Commercial Banks (drawn in favour of **Executive Engineer(E), PWED-2, CPWD, NEW DELHI**)/ e-transfer through bharatkosh.gov.in by selecting urban development & poverty alleviation, under EMD head by further selecting PAO:- 043144, PAO (NDZ), CPWD, MOUD, New Delhi, their after DDO-143174, Executive Engineer (E), PWED-II, CPWD New Delhi. shall be scanned and uploaded on the e-Tendering website within the period of bid submission. The original EMD should be deposited either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission. The EMD receiving Executive Engineer (including NIT issuing EE/AE) shall issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format (enclosed) uploaded by tender inviting EE in the NIT.

A part of earnest money is acceptable in the form of bank guarantee also. In such case, minimum 50% of earnest money or Rs. 20 lac, whichever is less, shall have to be deposited in shape prescribed above, and balance may be deposited in shape of Bank Guarantee including e- Bank Guarantee of any Commercial bank having validity for a period of 90 days for single bid works and 180 days for two bid system or more from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders.

The earnest money given by all the tenderers except the lowest tenderer shall be refunded immediately after the expiry of stipulated bid validity period or immediately after acceptance of the successful bidder, whichever is earlier. However, in case of two/ three bid system, earnest money deposit of bidders unsuccessful during technical bid evaluation etc. should be returned within 30 days of declaration of result of technical bid evaluation.

Copy of Enlistment Order and certificate of work experience and other documents as specified in the notice inviting e- tender shall be scanned and uploaded on the e-Tendering website within the period of bid submission. However, certified copy of all the scanned and uploaded documents as specified in e- tender notice shall have to be submitted by the lowest bidder within a week physically in the office of tender opening authority. Online bid documents submitted by intending bidders shall be opened only of those bidders, who has deposited EMD with any division of CPWD and other documents scanned and uploaded are found in order

(Note: - EMD Should be in favour of Executive Engineer(E), PWED-2, CPWD, NEW DELHI)

This receipt shall also be uploaded to the e-tendering website by the intending bidder upto the specified bid submission date and time.

The Price bid submitted shall be opened at 03:30 PM on 30-09-2026.

10. The bid submitted shall become invalid and e-Tender processing fee (if applicable) shall not be refunded if:
 - i. The bidders are found ineligible.
 - ii. The bidder does not upload scanned copies of all the documents stipulated in the bid document.
 - iii. If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the lowest bidder in the office of bid opening authority.
 - iv. If a tenderer quotes nil rates against each item in item rate tender or does not quote any percentage above/below on the total amount of the tender or any section / sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.
11. The contractor whose bid is accepted will be required to furnish performance guarantee at specified percentage of the tendered amount as mentioned in schedule E and within the period specified in Schedule F. This guarantee shall be in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt or Bank Guarantee from any of the Commercial Banks in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F', including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor. The earnest money deposited along with bid shall be returned after receiving the aforesaid performance guarantee. The contractor whose bid is accepted will also be required to furnish either copy of applicable licenses/ registrations or proof of applying for obtaining labour licenses, registration with EPFO, ESIC and BOCW Welfare Board including Provident Fund Code No. If applicable and also ensure the compliance of aforesaid provisions by the sub-contractors, if any engaged by the contractor for the said work within the period specified in Schedule F.
12. **The description of the work is as follows:**
 Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidders shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidder implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.

13. The competent authority on behalf of the President of India does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.
14. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable for rejection.
15. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.
16. The contractor shall not be permitted to bid for works in the CPWD Circle (Division in case of contractors of Horticulture/Nursery category) responsible for award and execution of contracts in which his near relative is posted as Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the Central Public Works Department or in the Ministry of Urban Development. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.
17. No Engineer of Gazetted rank or other Gazetted officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the contractor's service.
18. The 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 bids in case bids are invited in 2 or 3 bid system.~~ Further
 - (i) If any tenderer withdraws his tender or makes any modification in the terms & conditions of the tender which is not acceptable to the department within 7 days after last date of submission of bids, then the Government shall without prejudice to any other right or remedy, be at liberty to forfeit 50% of the earnest money absolutely irrespective of letter of acceptance for the work is issued or not.
 - (ii) If any tenderer withdraws his tender or makes any modification in the terms & conditions of the tender which is not acceptable to the department after expiry of 7 days after last date of submission of bids, then the Government shall without prejudice to any other right or remedy, be at liberty to forfeit 100% of the earnest money absolutely irrespective of letter of acceptance for the work is issued or not.
 - (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.
19. This notice inviting Bid shall form a part of the contract document. The successful bidder/ contractor, on acceptance of his bid by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of:
 - a. The Notice Inviting Bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.
 - b. Standard C.P.W.D. Form 7/8 or other Standard C.P.W.D. Form as applicable
20. **For Composite Bids**
 - ~~20.1.1 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.~~
 - ~~20.1.2 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 2023 as amended/ modified up to date.~~
 - ~~Part B: General / specific conditions, specifications and schedule of quantities applicable to major component of the work.~~
 - ~~Part C: Schedule A to F for minor 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.~~

- ~~20.1.3 The bidders must associate himself, with agencies as per NIT conditions.~~
- ~~20.1.4 The eligible bidders shall quote rates for all items of major component as well as for all items of minor components of work.~~
- ~~20.1.5 After 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.~~
- ~~20.1.6 Entire work under the scope of composite bid including major and all minor components shall be executed under one agreement.~~
- ~~20.1.7 Security Deposit will be worked out separately for each component corresponding to the estimated cost of the respective component of works.~~
- ~~20.1.8 The main contractor has to associate agencies 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 in Charge of relevant component(s).~~
- ~~20.1.9 In case the main contractor intends to change any of the above agency/agencies during the operation of the contract, he shall obtain prior approval of Engineer in Charge of relevant specialized component(s). The new agency/agencies shall also have to satisfy the laid down eligibility criteria. In case Engineer in Charge is not satisfied with the performance of any agency, he can direct the contractor to change the agency executing such items of work and this shall be binding on the contractor.~~
- ~~20.1.10 The main contractor has to enter into 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 agency(s) has to enter into MoU/agreement with the new contractor associated by him.~~
- ~~20.1.11 Running 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. The CMB shall be maintained independently by Engineer in Charge of major and minor components~~
- ~~20.1.12A. The composite work shall be treated 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.~~
- ~~20.1.12B. 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.~~
- ~~21. Integrity Pact: The contractor shall download the Integrity Pact, which is a part of tender documents, affix his signature in the presence of a witness, and upload the same while submitting online bids for all works of estimated cost put to tender equal or more than the threshold value given in Schedule F. In the event of his failure to sign and upload the Integrity Pact along with other bid documents, his bid shall be rejected.~~
- ~~22. The intending bidders are required to update their profile in CPWD e- tender portal and to upload their bids well in advance of last date of submission of tender. Any issue related to updating profile/uploading tender can be resolved through the concerned Executive Engineer/ Assistant Engineer (Phone no 011-21410875, e - mail Id ae2ded201@gmail.com, delae2-pwed2@cpwd.gov.in.) or ERP helpline no. 18001803286 or e-mail id cpwd.support@techmahindra.com. The e- tendering bidders are also advised not to wait to raise any issues till the last date of submission of bid in their own interest.~~
- ~~*To be filled in by NIT approving authority.~~
- 23. Price Preference to SC/ST individual contractor for item rate/percentage rate tender:**
Price preference in quoted item rate/percentage rate tender shall be applicable to the individual enlisted/non-enlisted SC/ST contractor as under: -
- (i) For work(s) up to and equal to an estimated cost of Rs. 2.80 lakh a price preference up to 5% (with reference to the lowest valid tender) may be allowed in favor of individual SC/ST enlisted/non-enlisted contractor. No earnest money is required in such case(s).

(ii) For work(s) beyond an estimated cost of Rs. 2.80 lakh and up to and equal to estimated cost of Rs. 6.20 lakh, the price preference up to 5% (with reference to the lowest valid tender) may be allowed in favour of individual enlisted SC/ST contractor. However, earnest money at a reduced rate of ½% may be accepted in such cases.

The price preference up to 5% (with reference to the lowest valid price bid) may be allowed in favour of individual SC/ST contractor only. The above concession shall be allowed only after verification of the individual contractor's claim of belonging to SC/ST community

**Signature of Sub Divisional officer
For & on behalf of President of India**

**Assistant Engineer (E)
Sub Divn-2, DED-201, CPWD
Sunehri Bagh, New Delhi**

On non-judicial stamp paper of minimum Rs. 100

(Guarantee offered by Bank to CPWD in connection with the execution of contracts)

Form of Bank Guarantee for Earnest Money Deposit /Performance Guarantee/Security Deposit/Mobilization Advance

1. Whereas the **Executive Engineer(E), DED-201, BKS Marg New Delhi-110001** CPWD on behalf of the President of India (hereinafter called "The Government") has invited bids under.....(NIT number)dated..... for..... (name of work). The Government has further agreed to accept irrevocable Bank Guarantee for Rs. (Rupees only) valid up to (date)*..... as Earnest Money Deposit from (name and address of contractor) (hereinafter called "the contractor") for compliance of his obligations in accordance with the terms and conditions of the said NIT.

OR

Whereas the **Executive Engineer(E), DED-201, BKS Marg, New Delhi-110001** CPWD on behalf of the President of India (hereinafter called "The Government") has entered into an agreement bearing number.....with(Name and address of the contractor) (hereinafter called "the Contractor") for execution of work.....(Name of work) The Government has further agreed to accept an irrevocable Bank Guarantee for Rs. (Rupees only) valid upto (date)..... as **Performance Guarantee/Security Deposit/Mobilization Advance** from the said Contractor for compliance of his obligations in accordance with the terms and conditions of the agreement

2. We, (indicate the name of the bank) (herein after referred to as "the Bank"), hereby undertake to pay to the Government an amount not exceeding Rs..... (Rupees only) on demand by the Government within 10 days of the demand.
3. We, (indicate the name of the Bank), do here by undertake to pay the amount due and payable under this guarantee without any demur, merely on a demand from the Government stating that the amount claimed is required to meet the recoveries due or likely to be due from the said contractor. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. (Rupeesonly)
4. We, (indicate the name of the Bank), further undertake to pay the Government any money so demanded notwithstanding any dispute or disputes raised by the contractor in any suit or proceeding pending before any court or Tribunal, our liability under this Bank Guarantee being absolute and unequivocal. The payment so made by us under this Bank Guarantee shall be a valid discharge of our liability for payment there under and the contractor shall have no claim against us for making such payment.
5. We, (indicate the name of the Bank), further agree that the Government shall have the fullest liberty without our consent and without affecting in any manner our obligation here under to vary any of the terms and conditions of the said agreement or to extend time of performance by the said contractor from time to time or to postpone for any time or from time to time any of the powers exercisable by the Government against the said contractor and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation or extension being granted to the said contractor or for any forbearance, act of omission on the part of the Government or any indulgence by the Government to the said contractor or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.
6. We, (indicate the name of the Bank), further agree that the Government at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor at the first instance without proceeding against the contractor and notwithstanding any security or other guarantee the Government may have in relation to the Contractor's liabilities.
7. This guarantee will not be discharged due to the change in Contractor.
8. We, (indicate the name of the Bank), undertake not to revoke this guarantee except with the consent of the Government in writing.

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

Date

Witnesses:

1. Signature.....
Name and address

Authorized signatory

Name

Designation

Staff Code no.

Bank Seal

2. Signature.....

Name and address

*Date to be worked out on the basis of validity period of 45 Days where only financial bids are invited and 180 days for two/three bid system from the date of submission of tender. **In paragraph 1, strike out the portion not applicable. Bank Guarantee will be made either for earnest money or for performance guarantee/security deposit/mobilization advance, as the case may be.

(CPWD, OM No.DG/SOP/14 dated 20.10.2020)

(Proforma for encashment of BG to be issued 14 days before its expiry)

भारत सरकार
केन्द्रीय लोक निर्माण विभाग
दि.वै.मं-201, बी. के एस मार्ग, नई दिल्ली

To

The Manager

(Name & Address of Bank)

.....

.....

Subject: Request for encashment of Bank Guarantee number..... dated..... for Rs.....valid up to..... towards earnest money deposit/performance guarantee/security deposit/mobilization advance (As applicable)

Name of Contractor:

Dear Sir,

The above-mentioned Bank Guarantee number dated..... is valid up to..... In terms of paragraph 2 of the said Bank Guarantee, the Govt. of India hereby demands a sum of Rs..... (Rupees only) payable under this Bank Guarantee since this amount is required to meet the recoveries due from (name of the contractor) The amount shall be paid latest by..... (give date)by transfer to account number.....

The aforesaid Bank Guarantee is being sent to you through..... (name and designation) along with this letter.

Enclosure: Bank Guarantee

Yours faithfully,
Executive Engineer (E)
DED-201, CPWD
BKS Marg, New Delhi.

Copy to: (Name & address of the contractor)

(Proforma for extension of BG to be issued 30 days before its expiry)

भारत सरकार
केन्द्रीय लोक निर्माण विभाग
दि.वै.मं-201, बी. के एस मार्ग, नई दिल्ली

To

The (Name and address of Contractor)

.....
.....

Sub: Extension of Bank Guarantee number..... dated..... issued by (Name of Bank)
(Name of work:)

Agreement No.....**Dear Sir,**

The Bank Guarantee number..... dated..... submitted by you for the above mentioned work as security deposit/performance guarantee/mobilization advance/earnest money deposit (as applicable) is valid upto.....

The validity of the aforesaid bank guarantee needs to be extended because..... (give reasons)
.....

You are, therefore, requested to get the validity of the said Bank Guarantee extended up to.....and submit the same to this office within 15 days from the issue of this letter, failing which it shall be encashed without further notice.

Yours faithfully,

Executive Engineer (E)
DED-201, CPWD
BKS Marg, New Delhi.

[Note for EE(E): If extended Bank Guarantee is not received by the prescribed date, action for encashment must be initiated].

**GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT**

STATE:- Delhi
DIVISION:- DED-201

BRANCH:- E & M

ZONE:- NDZ -II
Sub-Division:- II

Percentage Rate Tender & Contract for Works

Tender for the work of:- MOEI of AC Appliances, (Acs, DCs, Refrigerators & water cooler etc.) installed at HMP's Bungalows under Sunehri Bagh Road, SD-2, DED-201, New Delhi. (SH : Re-dressing of damages Copper Tubes, ITC & Relocation of STACs at various bungalows).

- (i) To be submitted/uploaded upto **15:00 Hours on 30-09-2026** at website: <https://etender.cpwd.gov.in>
- (ii) To be opened in presence of tenderers who may be present at **15:30 Hours on 30-09-2026** in the office of Assistant Engineer(E), SD-2, DED-201, CPWD, Sunehri Bagh, New Delhi-110011.

TENDER

I/We have read and examined the notice inviting tender, schedule, part A, B, C & D, Specifications applicable, Drawings & Designs, General Rules and Directions, **General Conditions of Contract, of 2023 (maintenance work)** as amended/modified up to the previous day to last date of submission of Bid, clauses of contract, Special conditions, Schedule of Rate & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified for the President of India within the time specified in Schedule 'F' viz., schedule of quantities and in accordance in all respect with the specifications, designs, drawing and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the **Conditions of contract of 2023 (maintenance work)** as amended/modified up to the previous day to last date of submission of Bid, and with such materials as are provided for, by, and in respect of accordance with, such conditions so far as applicable.

I/We agree to keep the tender open for Thirty (30) days from the due date of its opening in case of single bid system and for ~~Seventy Five (75) from the date of opening of technical bid in case tenders are invited on 2 /3 bid/ system for specialised work~~ and not to make any modification in its terms and conditions.

I/We have deposited EMD for the prescribed amount in the office of concerned Executive Engineer as per the bid document.

A copy of earnest money deposit receipt of prescribed amount deposited in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee (as prescribed) issued by a Commercial Bank, is scanned and uploaded (strike out as the case may be). If I/We, fail to furnish the prescribed performance guarantee within prescribed period, I/We agree that the said President of India or his successors, in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/We fail to commence work as specified, I/ We agree that President of India or the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said performance guarantee absolutely. The said Performance Guarantee shall be a guarantee to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form.

Further, I/We agree that in case of forfeiture of Earnest Money or Performance Guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work.

I/We undertake and confirm that eligible similar work(s) has/have not been got executed through another

contractor on back-to-back basis. Further that, if such a violation comes to the notice of Department, then I/We shall be debarred for tendering in CPWD in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.

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

Dated:

Signature of Contractor

Witness:

Postal Address

Address:

Occupation:

ACCEPTANCE

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

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

(a) -----*

(b) -----*

(c) -----*

For & on behalf of the President of India

Signature.....

Dated

Designation.....

Schedule A to F

The Proforma of Schedule for each Electrical component. The schedules of quantities of different components are as pages mentioned below: -

PROFORMA OF SCHEDULES		
SCHEDULE 'A'		
Schedule of quantities, (As per PWD-3): - As per schedule of work attached		
SCHEDULE 'D'		
Extra schedule for specific requirements/document for the work, if any		
-Not Applicable-		
SCHEDULE 'E'		
Reference to General Conditions of contract		General Conditions of Contract for CPWD works - 2023 (maintenance work) as amended/modified up to the previous day to last date of submission of tender.
Name of work:		MOEI of AC Appliances, (Acs, DCs, Refrigerators & water cooler etc.) installed at HMP's Bungalows under Sunehri Bagh Road, SD-2, DED-201, New Delhi. (SH : Re-dressing of damages Copper Tubes, ITC & Relocation of STACs at various bungalows).
Estimated cost of work:		Rs. 5,86,936/-
1. Earnest Money:		Rs. 11,739/-
2. Performance Guarantee		a. PG:- 5% of the estimated cost put to tender (ECPT) or contract amount which ever is higher. b. Additional PG:- The Difference between the 80% amount of ECPT and quoted amount in case of tender is abnormally low as per DG OM vide No. DG/Manual-2024/20 dt 27-02-2026
3. Security Deposit		2.5% of Tendered Value
SCHEDULE 'F': GENERAL RULES & DIRECTIONS:		
Officer Inviting Tender:		Assistant Engineer(E), SD-2, DED-201, CPWD, Sunehri Bagh, New Delhi
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.		As per clause 12 mentioned below
2 (v) Definitions:		
	Engineer-in-charge	Assistant Engineer(E), SD-2, DED-201, CPWD, Sunehri Bagh, New Delhi
2(viii)	Accepting Authority	Assistant Engineer(E), SD-2, DED-201, CPWD, Sunehri Bagh, New Delhi
2 (x)	Percentage on cost of material and labour to cover all overheads and profits.	15 %
2 (xi)	Standard Schedule of Rates	DSR 2025 (E&M) and amended upto date and Market rate.
2 (xii)	Department	Central Public Works Department.
9(ii)	Standard CPWD contract form:	GCC 2023 (maintenance work), CPWD Form 7 as amended/ modified up to the previous day to last date of submission of e-tenders.
Clause 1: -		

(i)Time allowed for submission of Performance Guarantee, Programme Chart (Time and Progress) and applicable labour licenses, registration with EPFO, ESIC and BOCW Welfare Board or proof of applying thereof from the date of issue of letter of acceptance, in days		05 days	
(ii) Maximum allowable extension with late fee @0.1% of Performance Guarantee amount per day beyond the period provided in (i) above.		02 days	
Clause 2:			
Authority for fixing compensation under clause 2 of bid.		Chief Engineer, NDZ-2, CPWD, New Delhi	
Clause 2A:			
Whether Clause 2A shall be applicable		NA	
Clause 5:			
Number of days from the date of issue of letter of acceptance for reckoning date of start		05 days	
Milestone(s) as per table given below:			
Sl. No.	Description of milestone (s) (Physical)	Time allowed in days (from date of start)	Amount to be withheld in case of non-achievement of Milestone (s)
N.A.			
TIME ALLOWED FOR EXECUTION OF WORK— 06 Months			
Authority to decide:			
(i) Extension of time		Chief Engineer (NDZ-II)	
(ii) Rescheduling of milestones		Chief Engineer (NDZ-II)	
(iii) Shifting of date of start in case of delay in handing over of site		Chief Engineer (NDZ-II)	
Clause 5: Applicable clause 5/ Clause 5A		Not applicable	
Clause 6- Computerized Measure Book (CMB) / Electronic Measurement Book (EMB)			
Mode of measurement		Electronic Measurement Book (EMB) through CPWD ERP portal	
Clause 7: Gross work to be done together with net payment /adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment		Not Applicable	
Clause 7A: Whether Clause 7A shall be applicable.		Yes	
Clause 10 A: List of testing equipment to be provided by the Contractor at site lab.		Equipment's required for field test as per Specification for the item under execution as per agreement.	
1.Earth Tester		2. Meggar	
		3. Clamp Meter	
Clause: 10B(ii)			
Whether clause 10B (ii) shall be applicable		No	

Clause 10 C		Not Applicable
Component of labour expressed as percentage of value of work		25%
Clause 10 CC		Not Applicable
Schedule of component of other Materials, Labour etc. for price escalation. Component of civil (except materials covered under clause 10CA) /Electrical construction		Xm%
value of work. Component of Labour expressed as percent of total value of work.		Y %
Note : Xm% should be equal to (100) - (materials covered under clause 10CA i.e. Cement, Steel, POL and other material specified in clause 10CA + Component of Labour)		
Clause 11: <u>Specifications to be followed for Electrical works</u>		CPWD General Specifications for Electrical Works: Part-I Internal -2023, Part-II External - 2023, Part-III-Lift & Escalators-2003, Part-IV Sub Station -2013, Part V Wet Riser & Sprinkler Systems - 2020, Part VI Fire Detection and Alarm System -2018, Part VII D.G. Sets-2013, HVAC -2024 as amended up-to date & as per Terms & conditions attached.
Clause 12:		
	Type of work	Maintenance work
12.2	Deviation Limit beyond which clauses 12.2 shall apply for building work	No limit
Clause 16:		
Competent Authority for deciding reduced rates		Chief Engineer, NDZ-2, CPWD, New Delhi
Clause 18 List of Mandatory Machinery, tools, and plants to be deployed by the Contractor at site.		
As per requirement of work at site.		
Clause 19 C	Competent Authority to decide penalty for each default	As per GCC 2023 Provisions
Clause 19 D	Competent Authority to decide penalty for each default	As per GCC 2023 Provisions
Clause 19 G	Competent Authority to decide penalty for each default	As per GCC 2023 Provisions
Clause 19 K	Competent Authority to decide penalty for each default	As per GCC 2023 Provisions
Clause 19L	Competent Constitution of Dispute Redressal Committee: --	As per GCC 2023 Provisions

Clause 25

Constitution of Dispute Redressal Committee (DRC)	Conciliator	ADG (RD), CPWD, New Delhi
	Arbitrator Appointing authority	Chief Engineer, NDZ-II, CPWD, New Delhi
	Place of Arbitration	New Delhi

Clause-32: Requirement of Technical Representative (s) & recovery Rate:

Sl. No	Minimum Qualification of Technical representative	Designation	Designation (Principal Technical /Technical	Minimum Experience	Number	Rate at which recovery shall be made from the contractor in the
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			representative)			event of not	
						Figures	Words
---N.A.---							

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

Assistant Engineers retired from Government services that are holding Diploma will be treated at par with Graduate Engineers. Diploma holder with minimum 10-year relevant experience with a reputed construction co. can be treated at par with Graduate Engineers for the purpose of such deployment subject to the condition that such diploma holders should not exceed 50% of requirement of degree engineers. Diploma holder with minimum 10-year relevant experience with a reputed construction co. can be treated at par with Graduate Engineers for the purpose of such deployment subject to the condition that such diploma holders should not exceed 50% of requirement of degree engineers

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

Clause-38	
(i) Schedule/statement for determining theoretical quantity of cement & bitumen on the basis of Delhi Schedule	Nil
(ii) Variations permissible on theoretical quantities:	
a) Cement for works with estimated cost put to tender more than Rs. 25 lakhs. For work\ s with estimated cost put to tender more than 25 Lakh.	
b) Bitumen for all work	
c) Steel reinforcement and structural steel sections for each diameter, section and category	Nil
d) All other materials.	

Assistant Engineer (E)
Sub Divn-2, DED-201, CPWD
Sunehri Bagh, New Delhi

Terms & Conditions

- 1- The work shall be carried out as per CPWD specification for electrical works Part-I (Internal) 2023, Part-II (External) 2023, HVAC 2024 amended up to date, and as per additional specifications and conditions for this work.
- 2- No T & P shall be issued to the contractor by the department.
- 3- The contractors are advised to visit the site of work to have an idea of the execution of the work; failure to do so will not absolve their responsibility to do the work as specified in agreement.
- 4- All the material to be used on this work by the contractor shall be got approved from the Engineer- in-Charge before supplying at site.
- 5- The bad workmanship will not be accepted and defects shall be rectified at contractor's cost to the satisfaction of the Engineer-in-Charge. The electrical works are to be executed in coordination with the building work and no claim for idle labour will be entertained.
- 6- All the debris of the works should be removed and the site should be cleared by the contractor immediately after accumulating of debris. Similarly, any rejected material should be immediately cleared off from the site by the contractor.
- 7- The contractor shall execute the different items simultaneously, as far as possible so that minimum breakage and repairs are involved.
- 8- Any minor damage to the Govt. Property shall be made good and nothing extra shall be paid on this account.
- 9- The staff engaged by the contractor should be well behaved, polite and courteous. Any complaints against staff misbehavior should be taken very seriously and such staff should be removed by the contractor immediately from the site and arrange replacement for the same failing which the Engineer-in-charge has the power to cancel the contract and the contractor shall have no right to claim of loss/compensation.
- 10- Safety of the staff employed will be the responsibility of the contractor. CPWD will not be responsible for any mishap, injury/accident or death of the staff. No claim in this regard shall be entertained/accepted by the Department.
- 11- The contractor has to work in restricted area and in restricted time due to security reasons. They shall be bound by the instructions of security staff and Engineer-in-Charge in this respect.
- 12- The department shall be liberty to terminate the contract without giving any notice.
- 13- The rates should be inclusive of all taxes i/c GST.
- 14- The department reserves the right to send such materials to the manufacturers / authorized test laboratory to verify the genuineness and quality of the product.
- 15- Working drawing showing conduit layout, for E.I./ fitting shall be prepared by the contractor and got approved from Engineer-in-Charge before start of work at site.
- 16- 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.
- 17- 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.
- 18- Wherever make of materials is not mentioned the contractor shall approved the make before execution of work.
- 19- 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.
- 20- 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.
- 21- The contractor shall be responsible for the safe custody of the electrical installation in the building, including fitting and fixtures 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.
- 22- The chases in walls shall be done by chase cutting machines, for which contractor shall arrange adequate numbers of chase cutting machines (Chase Cutters) for cutting chases in walls etc. for laying of conduits.

Assistant Engineer (E)
Sub Divn-2, DED-201, CPWD
Sunehri Bagh, New Delhi

LIST OF APPROVED MAKES

S. No.	ITEM	ACCEPTABLE MAKE
1	DLP PVC Trunking	AKG/LEGRAND/SCHNEIDER/MK
2	FRLS PVC Insulated Copper conductor Cable / XLPE Power Aluminum Armored cable	KEI / RR KABEL / POLYCAB / HAVELLS
3	Copper Tubes/Pipe	Met-Tube / Hindustan / Rajco /Total line / Mandev Tubes / Jindal refrigeration.
4	Nitrile Rubber	Insulflex / Armaflex / Eurobatex / Aflex / Superlon
5	PVC Pipe	Polypack / Prakash/Surya / Astral / Finolex

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

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

Assistant Engineer (E)
Sub Divn-2, DED-201, CPWD
Sunehri Bagh, New Delhi

SCHEDULE OF WORK

Name of work: - MOEI of AC Appliances, (Acs, DCs, Refrigerators & water cooler etc.) installed at HMP's Bungalows under Sunehri Bagh Road, SD-2, DED-201, New Delhi. (SH : Re-dressing of damages Copper Tubes, ITC & Relocation of STACs at various bungalows).

S. No.	Description of Items	Qty.		Rate (Rs.)	Unit	Amount (Rs.)
1	Supply, Installation, testing and commissioning including vaccumiazation and Nitrogen testing of following nominal sizes of soft/hard drawn copper refrigerant piping for climatizer system, complete with fittings, with suitable adjustable ring type hanger supports, jointing/brazing including accessories, insulated with XPLE Class-O tubular insulation/with Class-O closed cell elastometric nitrile rubber tubular sleeves sections of 19 mm thick insulation as given below for Suction and Liquid lines, all accessories as per specifications etc. as required :					
1.1	6.4 mm dia (OD) (Soft drawn) with tube thickness 1.2 mm	250	Mtrs.	256.00	P/Mtr.	64000.00
1.2	12.7 mm dia (OD) (Soft drawn) with tube thickness 1.2 mm	250	Mtrs.	487.00	P/Mtr.	121750.00
2	Supplying and charging of R-410A Non CFC refrigerant or equivalent ecofriendly as per requirement of existing installed air conditioner unit of following capacity, after pressure testing with Nitrogen, vacuumising etc and brazing the existing leakage of Split / Window type Air conditioners unit etc as required.					
2.1	1.5 Tr capacity Window type AC/Split type AC	8	Nos.	1821.00	Each	14568.00
2.2	2.0 Tr capacity Window type AC/Split type AC	8	Nos.	2016.00	Each	16128.00
3	Installation, Testing and commissioning of 1.5 / 2.0 TR capacity STAC units i/c fixing of copper tube, wire drain pipe supplied by department etc. complete as reqd. at site of work.	75	Nos.	1425.00	Each	106875.00
4	Providing services for cutting of wall for installation of copper tube, wire & Drain pipe and repairing of all with the help of cement, sand and POP etc. completed as reqd	200	Mtrs.	97.00	P/Mtr.	19400.00
5	Supplying, Fixing, Testing and commissioning of control wiring of 4 core PVC insulated & PVC heathed copper conductor round cable of 1.1 KV grade ISI marked suitable for Air Conditioning units i/c thimbling, fixing, connections etc. complete as reqd.	280	Mtrs.	197.00	P/Mtr.	55160.00

6	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings and fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in charge. Concealed work, including cutting chases and making good the walls etc.					
6.1	25 mm nominal dia pipes	220	Mtrs.	627.25	P/Mtr.	137995.00
7	Supplying and fixing of wall mounted/floor mounted outdoor unit stand i/c nut bolt, Dash fastener etc. completed as reqd.	75	Nos.	816.00	Each	61200.00
				Total Rs.		597076.00
7	Less credit for old dismantled material					
7.1	Copper tube (Assorted)	10	Kg	-650	P/ Kg.	-6500.00
7.2	4 core 2.5 sq.mm copper wire (Assorted)	10	Kg	-350	P/ Kg.	-3500.00
7.3	Drain pipe (Assorted)	7	Kg	-20	P/ Kg.	-140.00
		Total of Credit material Rs.				-10140.00
		Grand Total Rs.				586936.00

Note: In case of overall percentage rates quoted by Agency is below the schedule of rates, such below percentage shall not apply on the item 7.1 to 7.3. However, in case quoted overall percentage is above the schedule of rates, such percentage shall also be applied on these items.

**Assistant Engineer (E),
Sub Divn-2, DED-201, CPWD,
Sunehri Bagh, New Delhi**