INDEX

Name of work: - A/R & M/O Works in Lady Harding Medical College and associated Hospitals, New Delhi. (SH:-Repairing and replacement of under ground pipe leakage & servicing, repairing of Fire Diesel Engine and Pumps).

S. No.	DESCRIPTION	Page No.
1	INDEX	1
	PART-A	2
1	INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR e-TENDERING FORMING PART OF BID DOCUMENT	3-4
2	FORMAT OF RECEIPT OF DEPOSITION OF ORIGINAL EMD	5
3	CPWD-6 FOR e-TENDERING	6-10
4	CPWD-7	11-12
5	ACCEPTANCE	13
6	SPECIAL CONDITION FOR E&M	14
7	ELIGIBILITY CRITERIA FOR SPECIALIZED FIRM	15
8	MEMORANDUM OF UNDERSTANDING [M.O.U] BETWEEN FORM-C	16
9	WILLINGNESS CERTIFICATE	17
10	PROFORMA OF SCHEDULE FOR ELECTRICAL WORK	18-21
11	GUARNTEE BOND	22-23
	PART-B	24
1	TERMS AND CONDITIONS	25-26
2	APPROVED MAKES OF MATERIALS	27
3	SCHEDULE OF QUANTITIES	28-31
4	Schedule of Bids	32

Certified that this NIT contains Pages 1 to 32

Executive Engineer(E),
SSKHED, CPWD,
New Delhi.

PART-A

INFORMATION AND INSTRUCTIONS FOR CONTRACTORS FOR e-TENDERING
(Applicable for inviting open bids) (Single Bid System)

कार्यपालक अभियन्ता(वै.), श्री0सु0कृ0अ0वै0मं0, के0लो0नि0वि0, नई दिल्ली–110001 के द्वारा भारत के राष्ट्रपति की ओर से निम्नलिखित कार्य के लिए ऑनलाईन दर प्रतिशत निविदा CPWD registered contractors enlisted in appropriate class Buildings & Roads category से आंमन्त्रित की जाती हैं।

S.No	Description of NIT	
1.	N.I.T. No.	44/EE(E)/SSKHED/2026-27
2.	Name of Work:-	A/R & M/O Works in Lady Harding Medical College and associated Hospitals, New Delhi. (SH:-Repairing and replacement of under ground pipe leakage & servicing, repairing of Fire Diesel Engine and Pumps).
3.	Estimated Cost	Rs. **16,30,653/-**
4.	Earnest Money	Rs. **32,613/-** (In favor of Executive Engineer, SSKHD, CPWD, New Delhi)
5.	Period of Completion	02 Months
6.	Last date & time of submission of bid and other document as specified in the press notice	Upto 19/11/2026 Time at 17:30 Hrs.
7.	Time & date of opening of bid	At 19/11/2026 Time at 18:00 Hrs.

1. The intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
2. Information and Instructions for bidders posted on website shall form part of bid document.
3. The bid document consisting of ~~plans~~, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website etender.cpwd.gov.in or www.cpwd.gov.in free of cost.
4. **The contractor can deposit 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. (The EMD document shall only be issued from the place in which the office of receiving division office is situated.) The contractor shall obtain the receipt of EMD from the concerned Executive Engineer in the prescribed format uploaded by NIT issuing Executive Engineer.** The Bid Document as uploaded can be viewed and downloaded free of cost by anyone including intending bidder. But the bid can only be submitted after uploadingthe mandatory scanned documents such as Demand Draft/Pay order of Banker's Cheque/Bank Guarantee of any Scheduled Bank towards EMD in favour of respective Executive Engineer, **copy of receipt of original EMD** and other documents specified in the NIT.
5. But the bid can only be submitted after **deposition of original EMD either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission. (The EMD document shall only be issued from the place in which the office of receiving division office is situated)** and uploading the mandatoryscanned documents such as Demand Draft of Pay order or Banker's Cheque or Deposit at call Receipt or Fixed Deposit Receipts and Bank Guarantee of any Scheduled Bank towards EMDin favour of Executive Engineer **as mentioned in NIT, receipt for deposition of original EMD to division office of any Executive**

Engineer, CPWD and other documents as specified.

6. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website **www.cpwd.gov.in** or **www.eprocure.gov.in** free of cost.
7. Those contractors not registered on the website mentioned above, are required to get registered beforehand. If needed they can be imparted training on online bidding process as per details available on the website.
8. The intending bidder must have valid class-III digital signature to submit the bid.
9. On opening date, the contractor can login and see the bid opening process. After opening ofbids, he will receive the competitor bid sheets.
10. Contractor can upload documents in the form of **JPG** format and **PDF** format.
11. Contractor must ensure to quote rate of each item. The column meant for quoting rate in figures appears in pink colour and the moment rate is entered, it turns sky blue.
    In addition to this, while selecting any of the cells a warning appears that if any cell is left blankthe 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).**

19. List of Documents to be scanned and uploaded within the period of bid submission:-

I. Earnest Money in the form of Treasury Challan or Demand Draft or Pay order or Banker`s Cheque or Deposit at Call Receipt or Fixed deposit receipt.

II. Copy of receipt for deposition of original EMD issued from division office of any Executive Engineer (including / NIT issuing EE/AE) CPWD.

III. Valid Enlistment Order of the Contractor in Building and Road category.

IV. GST Registration Certificate, if already obtained by the bidder.

If the bidder has not obtained GST registration as applicable, then he shall scan and upload following undertaking along with bid documents.
"If work is awarded to me, I/We shall obtain GST registration certificate, as applicable, within one month from the date of receipt of award letter or before release of any payment by CPWD, whichever is earlier, failing which I/We shall be responsible for any delay in payments which will be due towards me/us on account of the work executed and/or for any action taken by CPWD or GST department in this regard". **(OM No. DG/SOP/20 dated 13.04.2021)**

V. Undertaking by Contractor on his letter head in the following format.
"In case we become first lowest tenderer and we are not eligible agency as per eligibility criteria for specialized firm; we will associate eligible agency fulfilling eligibility criteria as per NIT and will submit documents as required."

VI. Affidavit as per provisions of clause 1.3 of CPWD-6 for e-tendering.

VII. Valid Electrical Contractor License or undertaking that they will either obtain valid electrical license at the time of execution of electrical work or associate contractor having valid electrical license of appropriate class.

VIII. Copy of Permanent Account Number.

IX. Copy of ERP Training Certificate.

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

XI. Undertaking on his/her letter head is 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**.

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

Executive Engineer (E)
SSKHED, CPWD,

RECEIPT OF DEPOSITION OF EMD

(Receipt No…….. Date.....) #

1. **Name of work :** A/R & M/O Works in Lady Harding Medical College and associated Hospitals, New Delhi. (SH:-Repairing and replacement of under ground pipe leakage & servicing, repairing of Fire Diesel Engine and Pumps).

2. NIT No.	:	44/EE(E)/SSKHED/2026-27
3. Estimated Cost	:	Rs. 16,30,653/-
4. Amount of Earnest Money Deposit	:	Rs. 32,613/- (In favour of Executive Engineer, SSKHD, CPWD, New Delhi.
5. Last date and time of submission of bids	:	19/11/2026 upto 17:30 Hrs.

1. Name of contractor ----------#

2. Details / Amount of original Bank Guarantee Earnest Money Deposit----------#

3. Date of submission of EMD ---------- #

4. Name & Address of the EMD receiving office ---------- #

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

कार्यपालक अभियंता(वै0)
श्री0सु0कृ0अ0वै0मं0, के0लो0नि0वि0,
नई दिल्ली।

CPWD-6

GOVERNMENT OF INDIA
FOR E- TENDERING

1. The Executive Engineer (E), SSKHED, CPWD, New Delhi (Tel. No. 011-23365977 e-mail id : deleeesskhed.cpwd@nic.in) on behalf of the President of India invites online Percentage rate composite bids from CPWD registered contractors enlisted in **Buildings and Roads Category** of appropriate class for the following work:

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

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

The composite work is estimated to cost **Rs. 16,30,653/-** This estimate, however, is given merely as a rough guide.

1.2 Intending bidders is eligible to submit the bid provided he has definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority

1.3 To become eligible for issue of bid, 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 Earnest Money Deposit/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 7/8**(or other Standard Form as mentioned) which is available as a Govt. of India Publicationand 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 .....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 plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen on website https://etender.cpwd.gov.in **or www.cpwd.gov.in** free of cost.

6. After submission of the bid the contractor can re-submit revised bid any number of timesbut before last time and date of submission of bid as notified.

7. While submitting the revised bid, contractor can revise the rate of one or more item(s) anynumber of times (he need not re-enter rate of all the items) but before last time and date ofsubmission of bid as notified.

8. (i) Earnest Money in the form of Treasury Challan or Demand Draft or Pay order or Banker`s Cheque or Deposit at Call Receipt or Fixed deposit receipt and Copy of receipt for deposition of original EMD issued from division office of any executive engineer (including / NIT issuing EE/AE) CPWD. shall be scanned and uploaded e-tendering website with in the period of bid submission.

(ii) Copy of Enlistment order and certificate of work experience and other documents as specified in the NIT shall be scanned and upload to the e-tendering website within the period of bid submission. However, certified copy of all the scanned and uploaded documents as specified in press notice shall have to be submitted by the lowest bidder only within a week physically in the office of tender opening authority.

9. Online bid documents submitted by intending bidders shall be opened only of those bidders, whose EMD document & EMD Receipt and other documents scanned and uploaded are found in order.

10. The bid submitted shall become invalid and e-Tender processing fee shall not be refundedif:

(i) The bidder is found ineligible.

(ii) The bidder does not upload scanned copies of all the documents stipulated in the bid document.

(iii) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid 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 quoteany percentage above/below on the total amount of the tender or any section / subhead in percentage rate tender, the tender shall be treated as invalid and will not beconsidered as lowest tenderer.

11. The contractor whose bid is accepted will be required to furnish performance guarantee @ 5 percentage of **the Estimated cost put to Tender or Contract Amount whichever is higher and additional Performance Guarantee As per DG/Manual 2024/20 dated 27/02/2026** 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 subcontractors, 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:

Name of Work: A/R & M/O Works in Lady Harding Medical College and associated Hospitals, New Delhi. (SH:-Repairing and replacement of under ground pipe leakage & servicing, repairing of Fire Diesel Engine and Pumps).

13. 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.

14. The competent authority on behalf of the President of India does not bind itself to acceptthe lowest or any other bid and reserves to itself the authority to reject any or all the bidsreceived 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 bythe bidders shall be summarily rejected.

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

16. 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 thesame at the rate quoted.

17. 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 executionof contracts, in which his near relative is posted a Divisional Accountant or as an officer inany capacity between the grades of Superintending Engineer and Junior Engineer (bothinclusive). 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 gazettedofficer in the Central Public Works Department or in the Ministry of Housing and Urban Affairs. Any breach of this condition by the contractor would render him liable to be removedfrom the approved list of contractors of this Department.

18. 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 allowedto 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 isliable to be cancelled if either the contractor orany of his employees is found any time tobe 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.

19. 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 afterlast 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 prejudiceto 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.

20. 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 fromthe 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 ofinvitation 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.

21. For Composite Bids

21.1 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.

21.2 The bid document will include following three components:

Part A:- CPWD-6, CPWD-7/8 including schedule A to F for the major componentofthe work, Standard General Conditions of Contract (maintenance) for CPWD 2023 as amended/ modified up to date.

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

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

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

21.2.3 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 oneagreement with EE incharge 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 toEE/DDH in-charge of minor component(s).

EE of major component will operate Part A and Part B of the agreement. EE/DDH incharge of minor component(s) shall operate Part- C along with Part Aof the agreement.

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

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

21.2.6 The main contractor has to associate agencies for specialized component(s) conforming to eligibility criteria as defined in the bid document and has to submitdetail of such agency(s) to Engineer-in-Charge of relevant component(s) withinprescribed time. Name of the agency(s) to be associated shall be approved byEngineer-in-Charge of relevant component(s).

21.2.7 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.

21.2.8 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 ofassociate contractor, the main agency(s) has to enter into MoU/agreement withthe new contractor associated by him.

21.2.9 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.

22. The composite work shall be treated as complete when all the components ofthe work are complete. The completion certificate of the composite work shallbe recorded by Engineer-in-Charge of major component after record ofcompletion certificate of all other components.

22.1 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.

23. Integrity Pact: The contractor shall download the Integrity Pact, which is a part of tenderdocuments, 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 thethreshold 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.

24. The intending bidders are required to update their profile in CPWD e- tender portal and toupload their bids well in advance of last date of submission of tender. Any issue related toupdating profile/uploading tender can be resolved through the concerned Executive Engineer/ Assistant Engineer (Phone no * e- mail Id *. deleeesskhed.cpwd@nic.in) or ERP helpline no.18001803286 or e-mail ld 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

कार्यपालक अभियंता(वै0)
श्री0सु0कृ0अ0वै0मं0, के0लो0नि0वि0,
नई दिल्ली।

For & on behalf of President of India

CPWD-7	CPWD

GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT

STATE : DELHI **DIVISION : SSKHED**
BRANCH: E&M **CIRCLE : DC-9**

Percentage Rate Tender & Contract for Work

Tender for the work of:- A/R & M/O Works in Lady Harding Medical College and associated Hospitals, New Delhi. (SH:-Repairing and replacement of under ground pipe leakage & servicing, repairing of Fire Diesel Engine and Pumps).

(i) To be uploaded by www. https://etender.cpwd.gov.in on 19/11/2026 at 17:30 PM

(ii) To be opened in presence of tenderers who may be present on 19/11/2026 at 18:00 PM in the office of The Executive Engineer (E), SSKHED, CPWD, New Delhi.

TENDER

I/We have read and examined the notice inviting tender, schedule, A,B,C,D,E & F Specifications applicable, Drawings & Designs, General rules and Directions, Conditions of Contract of 2023 (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 Thirty **(30)** days from the due date of opening of bid and not to make any modifications in its term & conditions.

A sum of Rs. 32,613/- 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 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 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 ..... * (Rupees .....)*

The letters referred to below shall form part of this contract

agreement:- (a)

(b)

(c)

For & on behalf of President of India

Signature ……

Dated: …… Designation

……

SPECIAL CONDITIONS FOR E&M WORKS

The 1st lowest tenderer (main firm) has to submit the documents for association of eligible E&M contractors.

1. The applicant should submit the willingness from eligible E&M contractors to get associated with the applicant for execution of each E&M components of work in wholesome manner and as per the conditions set out in the MOU to be entered into between the one who is awarded the work and the associated eligible E&M contractors.
2. In support of the eligibility conditions of the proposed associated E&M contractors, copy of their registration documents, Electrical Contractor's License, Sales Tax Documents, Work experience certificates and other documents as required in the eligibility conditions duly attested by the applicants (Main Contractor and associate contractors) shall be submitted to the EE(E).
3. The main contractor will submit MOU (for each package) signed with eligible registered contractors of CPWD /specialized E&M contractors. The MOU in the enclosed form shall be signed by both the parties i.e. main contractor as 1st party and associated E&M contractor as 2nd party.
4. In the event of the concerned E&M agency not performing satisfactorily or failure of associate contractor to complete the E&M work, the main contractor on the written direction of the department, shall remove the Associate contractor deployed on the work and shall submit name of new associate who fulfill the conditions mentioned in NIT to execute the leftover work without any loss of time or variation in cost to the department in this regard. Such associates shall also enter into tripartite Agreement/Contract along with the main tenderer and the departmental officer and shall meet all the guarantee for the equipment's already supplied for which payment has been released by the Deptt. in part. If any equipment supplied for the work, during the currency of the earlier Associate contractor and paid partly by the Deptt. ,becomes redundant /not in a position to be installed and commissioned and put to beneficial use due to change in agency for execution of E&M work, the main contractor shall be liable for replacement of the equipment(s) at no cost to Department. No change of E&M Contractor will be allowed without prior approval of the Engineer-in-charge of respective component.
5. The main contractor shall be responsible and liable for proper and complete execution of all the E&M works and ensure coordination and completion of both civil and E&M works.
6. The associate contractor shall sign a tripartite Agreement/Contract along with the main tenderer and the departmental officer, for technical compliance of specification, guarantee etc.
7. The associate contractor shall attend the inspection of the work by the Engineer-in-Charge of E&M works as and when required.
8. Main Contractor has to associate agencies for packages as per eligibility criteria mentioned, However the composite category main contractor shall also be eligible to carryout himself any or all of these E &M works without associating any specialized agency if he fulfils the prescribed eligibility criteria for the work.

Names and required eligibility documents of associate agencies for all packages have to be submitted at the earliest after award of work. If the agencies are not found eligible, main firm has to submit the names of another associate agency (Eligible as per mentioned criteria) within next 15 days, failing which respective package work shall be withdrawn from the scope of work of the main firm and will be got executed by another agency at the risk and cost of the main firm.

In the event of non-compliance of tender specifications and schedule later on, the respective package work shall be withdrawn from the scope of work of the main firm and will be got executed by another agency at the risk and cost of the main firm.

कार्यपालक अभियंता(वै0)
श्री0सु0कृ0अ0वै0मं0, के0लो0नि0वि0,
नई दिल्ली।

Eligibility Criteria for specialized firm

1. The firms/ Contractors who fulfill the following requirements shall be eligible to apply. Joint Ventures are not accepted.

   Specialized firm who have successfully completed work of **"SITC/Maintenance of Fire Fighting equipment"** as mentioned below during last 7 years ending previous day of last date of submission of tender.

   i) One similar completed work of value not less than 80% of the estimated cost Rs. **16,30,653/-** put to tender.

   OR

   ii) Two similar completed works each of value not less than 60% of the estimated cost **16,30,653/-** put to tender.

   OR

   iii) Three similar completed works each of value not less than 40% of the estimated cost **16,30,653/-** put to tender

   Similar work shall mean **"SITC/Maintenance of Fire Fighting equipment"**
   CPWD Buildings & Roads category contractors (if not eligible) associate OEM for execution of each of the specialized E&M work(s)

2. The values of executed work shall he brought to current costing level by enhancing the actual value of work at simple rate of interest of 7% per annum, calculated from the date of completion to the last date of receipt of application for tender.
3. The firm should be registered with GST.

4. Self attested copies of completion certificate(s) issued by the officer of the client department, not below the rank of Executive Engineer or equivalent, for works executed in Government and in cases of private works certificates signed by the consultant in charge and counter-signed by the owner of the building for whom the work has been carried out, will have to be furnished along with the application. The completion certificate must clearly indicate :-

   a) Name of Work
   b) Stipulated date of start and actual date of completion.
   c) Value of **"SITC/Maintenance of Fire Fighting equipment"** work.
   d) That the work has been completed satisfactorily.
   e) Full address of the client, officer issuing certificate and location, where workis executed.
   f) TDS. (for private works only)

5. 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.

FORM-C

MEMORANDUM OF UNDERSTANDING [M.O.U] BETWEEN

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

"SITC/Maintenance of Fire Fighting equipment "Contractor
Name of Work:-**"** A/R & M/O Works in Lady Harding Medical College and associated Hospitals, New Delhi. (SH:-Repairing and replacement of under ground pipe leakage & servicing, repairing of Fire Diesel Engine and Pumps)**."** of an estimated cost of **Rs. 16,30,653/-**

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

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

We have agreed as under :

1-The associated contractor shall be liable for disciplinary action if he failed to discharge the action(s) and other legal action as per agreement besides forfeiture of the security deposit.

2-All the material, machinery and equipment's, tools and tackles required for execution of the electrical works as per agreement shall be the responsibility of the associated contractor.

3-The site staff required for the electrical work shall be arranged by the associated contractor as per terms and conditions of the agreement.

SIGNATURE OF MAIN CONTRACTOR

Date
Place

SIGNATURE OF ASSOCIATED CONTRACTOR
Date
Place

COUNTER SIGNED

EXECUTIVE ENGINEER (E)

WILLINGNESS CERTIFICATE

Name of Work- A/R & M/O Works in Lady Harding Medical College and associated Hospitals, New Delhi. (SH:-Repairing and replacement of under ground pipe leakage & servicing, repairing of Fire Diesel Engine and Pumps).

I hereby give my willingness to work as associated contractor for **"SITC/Maintenance of Fire Fighting equipment"** installation work in the above mentioned work.

I will execute the work as per specifications and conditions for the agreement and as per direction of the Engineer-in-charge. Also I will employee full time technically qualified supervisor for the works. I will attend inspection of officers of the department as and when required.

Date :

Signature of Contractor

Performa of Schedule

1.	Schedule A (Schedule of Quantity)	As attached in NIT
2.	Schedule D (Extra Schedule for specific requirement if any)	As attached in NIT
3.	Schedule E (Reference of General Condition of Contract)	GCC Maintenance works 2023 Amended upto date, CPWD Form 7 as modified as corrected upto date
4.	Name of Work	A/R & M/O Works in Lady Harding Medical College and associated Hospitals, New Delhi. (SH:-Repairing and replacement of under ground pipe leakage & servicing, repairing of Fire Diesel Engine and Pumps).
5.	Estimated Cost	**Rs. 16,30,653/-**
6.	Earnest Money	Rs. **32,613/-**
7.	Performance Guarantee	5% **of the Estimated cost put to Tender or Contract Amount whichever is higher and additional Performance Guarantee As per DG/Manual 2024/20 dated 27/02/2026**
8.	Security Deposit	2.5% of Tender Value
	SCHEDULE F	
9.	General Rules & Direction	CPWD General Specification for Maintenance Works, GCC Maintenance works - 2023 and Amended up to date
10.	OFFICER INVITING TENDER	Executive Engineer(E), SSKHED, CPWD, NEW DELHI.
11.	Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clause 12.2 & 12.3	**See Below**
	DEFINITIONS	
12.	Engineer-In-Charge	Executive Engineer(E), SSKHED, CPWD, NEW DELHI.
13.	Accepting Authority	As per Competent Authority
14.	Percentage on cost of materials and labour to cover all overheads and profits	15%
15.	Standard Schedule of Rates	E&M DSR 2025 & Market Rates
16.	Department	Central Public Works Department

17.	Standard CPWD Contract Form	GCC Maintenance work – 2023 and amended upto date
	Clauses	
Clause 1	Time allowed for submission of Performance Guarantee, Program Chart (Time and Progress) and applicable labour License, Registration with EPFO, ESIC and BOCW Welfare Board or proof of applying thereof from the date or issue of letter of acceptance. Maximum allowable extension with late fee@ 0.1% per day of Performance Guarantee amount beyond the period provided in (i) above	7 Days 3 Days
Clause 2	Authority for fixing Compensation under Clause 2	SE, DC-IX, CPWD, New Delhi.
Clause 2 A	Whether Clause 2A shall be applicable	No
Clause 5	Number of days from the date of issue of letter of acceptance for reckoning date of start	10 Days
	Time allowed for execution of work	02 Months
	Extension of time	SE, DC-IX, CPWD, New Delhi.
	Authority to decide shifting of D.O.S. in case of delay in handing over the site	SE, DC-IX, CPWD, New Delhi.
	Rescheduling of Mile Stones	SE, DC-IX, CPWD, New Delhi.

Schedule of Handing Over of Site

Portion of Site	Description	Time Period for Handing Over reckoned from date of issue of letter of intent.
Portion without any hindrance	All	All as per LOI
Portion with encumbrances	NIL	N/A
Portions dependent on work of other agencies	NIL	N/A
Clause 6/6A	Measurement type	EMB through ERP/CMB

Clause 7	Gross work to be done together with net payment/Adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment		N/A
Clause 7 A	Whether clause 7A shall be applicable		Yes
Clause 10A	List of testing equipment's to be provided by the contractor at site.		As per Applicable/Requirement
Clause 10 B	Whether clause 10 B shall be applicable		N/A
Clause 10C	Component of labour expressed as percent of value of work		Labour Component 15%
Clause 10CA	Nearest Materials (Other than this Reinforcement bars and Steel) for which all price Index to be followed		Not Applicable
Clause 10CC	Clause 10CC to be applicable in contracts with stipulated period of completion exceeding the period shown in next column Schedule of component of other Material, Labour, POL etc for price escalation.		Not Applicable
(i)	Component of Electrical construction Material expressed as percent of total value of component work (Xm)		Not Applicable
(ii)	Component of Labour: expressed as expressed as percent of total value of component work (Y)		Not Applicable
(iii)	Component of P.O.L:- expressed as percent of total value of component work(Z)		Not Applicable
Clause 11	**Specification to be followed for execution of work:-**		
	For Electrical Items of Work:		CPWD General Specifications for Electrical Work Part I Internal- 2023, Amended up to date. CPWD General Specifications for Electrical Work. Part II External-2023, Amended up to date. CPWD General Specifications for Part V Wet Riser & Sprinkler Systems-2020, Part VII D.G. Sets-2013, as amended up to date.
Clause 12	Authority to Decide Deviation of Contract amount	Upto 1.25 times the contract amount	As per CPWD Works Manual-2026 up to date
		Beyond 1.25 times upto 1.50 times of contract amount	As per CPWD Works Manual-2026 up to date

Type of Work				Maintenance Work
12.2 & 12.3	(i) Deviation limit beyond which clause 12.2 & 12.3 shall apply for building work			As per CPWD Works Manual-2026 up to date
12.5	(ii) Deviation limit beyond which clause 12.2 & 12.3 shall apply for foundation work			As per CPWD Works Manual-2026 up to date
Clause 16	**Competent Authority for Deciding reduced rates:**			
	For Electrical Items of Work:	(i) SE, DC-IX, CPWD, New Delhi: upto 5% of the contract Value. (ii) Full Power ADG (RD), New Delhi.		
Clause 18	List of mandatory Machinery, Tools & Plants to be deployed by the Contractor	As per Applicable/Requirement at site		
Clause 19C	Authority to decide penalty for each default	EE(E), SSKHED		
Clause 19D	Authority to decide penalty for each default	EE(E), SSKHED		
Clause 19G	Authority to decide penalty for each default	EE(E), SSKHED		
Clause 19K	Authority to decide penalty for each default	EE(E), SSKHED		
Clause 25	**Settlement of Disputes by Conciliation and Arbitration:**			
(a)	Conciliator	ADG (Delhi Region)		
(b)	Arbitration appointing	Superintending Engineer (DC-IX)		
(c)	Place of Arbitration	New Delhi		
Clause 32	**Requirement of Technical Representative(s) and Recovery Rate**			
Qualification	**No. of Person**	**Minimum Experience**	**Designation Technical Staff**	**Recovery Rate**
Graduate Engineer or Diploma Engineer	1 of major component	2 or 5 respectively	Project Manager cum planning/Quality/Site/billing Engineer	Rs. 15,000/- per month per person

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

Clause 38				
	i)	a)	Schedule/ statement for determining theoretical quantity of cement & bitumen on the basis of Delhi Schedule of Rates 2025 printed by CPWD	N.A.
	ii)		Variations permissible on theoretical quantities	
		a)	Cement for works with estimated cost put to tender not more than Rs. 5 lakhs.	N.A.
		(b)	For works with estimated cost put to Tender is more than Rs. 5 lakhs	N.A.
		(c)	Bitumen all works	N.A.
		(d)	All other materials	Nil

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 ..... (name of division) ....., CPWD on behalf of the President of India (hereinafter called "The Government")has invited bids under.. (NIT number) ..... dated ..... for (name of work) ..... The Government has further agreed to accept 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 ..... (name of division) ..... , CPWD on behalf of the President of India (hereinafter called "The Government") has entered into an agreement bearing number ..... with .....(name and address of the contractor) ..... (hereinafter called "the Contractor") for execution of work . ..... (name of work) ..... The Government has further agreed to accept an irrevocable Bank Guarantee for Rs. ..... (Rupees ..... only) valid upto ..... (date)..... as **Performance Guarantee/Security 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. ..... (Rupees only)
4. We, ... (indicate the name of the Bank) ....., further undertake to pay the Government any money so demanded notwithstanding any dispute or disputes raised by the contractor in any suit or proceeding pending before any Court or Tribunal, our liability under this Bank Guarantee being absolute and unequivocal. The payment so made by us under this Bank Guarantee shall be a valid discharge of our liability for payment there under and the Contractor shall have no claim against us for making such payment.
5. We, ... (indicate the name of the Bank) .. .., further agree that the Government shall have the fullest liberty without our consent and without affecting in any manner our obligation here under to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Contractor from time to time or to postpone for any time or from time to time any of the powers exercisable by the Government against the said contractor and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation or extension being granted to the said Contractor or for any forbearance, act of omission on the part of the Government 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 intitules 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 bother guarantee the Government may have in relation to the Contractor's liabilities.

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

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

9. This Bank Guarantee shall be valid up to ……. Unless extended on demand by the Government. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs. …… (Rupees …… only) and unless a clam 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 90 days where only financial bids are invited and 180 days for two/three bid system from the date of submission of tender'

**ln 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.

PART-B

Terms and Conditions

1. The work shall be carried out in accordance with CPWD specification for electrical work part –I 2023 (internal), and Part V Wet Riser & Sprinkler Systems-2020, Part VII D.G. Sets-2013, as amended up to date). All installation shall comply with the requirement of Indian Electricity Rules -1956 as amended up to date and as per instruction of Engineer- in-charge.
2. All T&P and special T&P shall be arranged by the contractor & nothing extra shall be paid on account of this.
3. Works with bad workmanship are liable to be rejected and the same shall be rectified by the contractor for which nothing extra shall be paid.
4. The contractor is advised to visit the site before quoting this tender to apprise himself about the site environments and other conditions.
5. The contractor is bound to sign the site order book as and when required by the Engineer-in-charge or authorized representative and shall carry out the instructions recorded therein.
6. Any damage done to the existing building while executing the electric work should be make good to the satisfaction of the department within scope of the work for which nothing extra shall be paid. The chases, holes etc. cut in the walls and roofs should be filled within two days. All malba should be removed on the same day by using gunny bag/mats for collection of malba. All the above shall be done under the scope of work and nothing extra shall be paid on a/c of this. In case of failure to do so it will be got done by the Engineer-in-charge or his authorized representative at contractor's risk and cost.
7. All the hidden works shall be carried out in the presence of Engineer-in-charge or his authorized representative with giving sufficient prior information.
8. The contractor shall make his own arrangements for storing the materials and watch & ward at his own cost, even for the installation till the completion of the work and handing over of the building/quarters.
9. The contractor shall make his own arrangement for all general and special tools and plants required for the work at his own cost and nothing extra shall be paid on this account.
10. The rates quoted by the firm/contractor shall be inclusive of GST & all taxes.
11. The work is to be executed with the coordination/ co-operation with Civil wing of CPWD and the Civil agency executing at same site (if any).
12. The work will be executed in various occupied Office buildings at LHMC & AH, New Delhi in a manner so that no inconvenience will be to the occupant. No claim for idle labour on account of this shall be entertained under this agreement.
13. The earth connection to main switches/boards etc. shall be done with lugs/thimbles properly soldered or with crimping tool within the quoted rates and nothing extra shall be paid on this account.
14. Wireman executing E&M work should have valid electrical license as required under I.E. Act. The manpower to be deployed for special work should be other than staffs deputed for routine/running maintenance.
15. All inter-connections in the switch-boards shall be carried out with suitable cable/wire connectors with the sufficient current carrying capacity.
16. All screws/nuts bolts should be galvanized/cadmium plated shall be use at site.
17. If any dismantled material received from site contractor should be handed over to concerned JE(E)
18. If any accident occurs during the execution of work, the firm/contractor will be responsible for all and no compensation will be paid by the Department.
19. **Workers engaged by the contractor for execution of work shall be liability of the contractor and they will not be considered for type of regular employment in the Department, in any case.**
20. The contractor is liable to obey/ follow the guidelines and rules issued time to time by the Department Regarding EPFO, ESIC, Registration with BOCW board and labour license.
21. Fire equipments of installation if being replaced then the make shall be selected according to existing system to match the compatibility, And the complete system is to be make functional properly.

22. Recovery @ 1% on account of labour welfare Cess and 2% on account of GST shall be made from the contractor's bill.
23. The contractor shall furnish the proof of purchase of materials from authorized dealer or manufacturers in support of genuineness of material used at site.
24. Payment shall be released as per availability of Budget and LOC by the competent Authorities.
25. The agency shall give minimum one year Guarantee/ Warranty as per manufacturer's norms, which ever higher, to the equipment's like Ceiling Fan, Exhaust Fan, Fresh Air Fan, Wall Fan geyser LED batten tube, light fittings, (excluding LED fittings/ fixtures/ Luminaries other than LED batten tube) , Pump Sets, MCBs & other items in the Sub head etc., w.e.f. the date of actual completion of the work or date of handing over to the department, which one is earlier,
26. The work of **servicing of DG Set is to be done by the respective OEM** and relevant service report is to be submitted to concern JE/AE.
27. The Bidders are advised for visiting website **etender.cpwd.gov.in** upto last date & time of submission of tender for checking amendment/corrigendum etc.

Executive Engineer(E)
SSKHED, CPWD, New Delhi.

LIST OF PREFERRED MAKES OF MATERIAL

S. No.	Description	Make
1.	M.S Conduit Pipe (ISI) marked - ERW	AKG / BEC / NIC/RM-CON
2.	FRLS PVC Insulated Copper conductor Cable / XLPE Power Aluminium Armoured cable	Havells / Finolex / Polycab/RR Cable/ KEI
3.	MCB (10 KA)	Hager/Siemens / Legrand / ABB /Schneider
4.	MCCB (ICS=100% ICU) /RCCB	ABB / Schneider / Siemens / Legrand
5.	G.I Pipe/M.S. Pipe	Jindal (Hisar)/Tata/SAIL/JSW
6.	Power Contactor	LK / Havells / ABB / Schneider
7.	Fire Alarm Panel /Smoke/ Heat Detector/RI/ Sounder/ MCP/Fault Isolator/Strobe/Fire Control Module/Loop Card/Voice Alarm Controller	Siemens/Notifier/Bosch/Edwards
8.	Fire Alarm armoured Copper Conductor Cable	Polycab/Havells/R.R.Cable/Finolex
9.	Internal / External Hydrant /RRL Hosepipe / GM Branch Pipe / First Aid Hose Reel Drum/Flexible Hose UL Listed / Hose Reel / Fire Brigade Inlet Connection	New Age / Minimax / Safex /Ceasefire (All shall be ISI Marked)
10.	Sluice Valve/Butter fly Valve	Kirloskar / Audco / Advance / Danfoss/Castle /LK
11.	DG Set Spares and Parts	As per OEM of DG Set
12.	Pump Set Spares and Parts	As per OEM of Pump Set
13.	Pressure Gauge	H-Guru/Fiebig/Emerald/Emerson/Waaree
14.	Glass	ISI Marked
15.	All other items not covered above	As per samples approved by Engineer In-charge.

Executive Engineer(E),
SSKHED, CPWD,
New Delhi

Schedule of Work

Name of work :- A/R & M/O Works in Lady Harding Medical College and associated hospitals, New Delhi. (SH:-Repairing and Replacement of under ground pipe leakage & Servicing, Repairing of Fire Diesel Engine and Pumps).

S. N.	Description of Items	Qty	Unit	Rate	Amount
1	Dismantling of Under Ground 150 mm dia. M.S Pipe from the existing 150 mm dia. Fire Fighting Line with the help of welding machine, Gas cutter set i/c digging/cutting RCC/Road of various locations suitable for tracing of leakage in M.S Pipe and backfilling the same etc complete as required.	25	Mtr	1191.00	29775.00
2	Providing laying, testing & commissioning of 'C' class heavy duty MS Pipe conforming to IS 1239/Class -II of IS: 3589 i/c fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. in ground including welding, excavation & providing cement concrete blocks as supports, anticorrosive treatment with coal tar/asphalt tape as per IS 10221, refilling the trench etc. of following sizes complete as required.				
2.1	150 mm. Dia	25	Mtr	5104.00	127600.00
3	Repairing, servicing and overhauling of 100 HP Kirloskar make Main Fire pump Model DSM 100/36 including disconnection of existing pump and motor from the connected pipeline, dismantling of motor and pump, checking and straightening of pump shaft on lathe machine, cleaning of pump casing, impeller etc complete as required i/c replacement of mechanical seal - 02 Nos, bearing set-02 Nos, shaft sleeve -02 Nos, seal plate - 02 Nos, worn-out nuts, bolts and other minor parts as required for overhauling of the pump including lubrication and greasing; complete checking, reassembly and refixing of pump and motor on the base frame, alignment and testing & commissioning of the entire pump set after reinstallation all complete as required including buyback the dismantled material.	4	Job	72469.00	289876.00

4	Servicing and Repairing of 105 HP Kirloskar make 4R1040T Model Fire Engine coupled with Main Fire pump Model DSM100/36 Kirloskar make i/c Supplying and replacement of following damaged/ broken spares including dismantling and refitting of pump etc complete as required & reassembling of pump at site including dismantling of existing damaged/broken spares i/c buy back of the old dismantled spares parts to the agency. a) Mobil Engine Oil - 10 Liters. b) Coolant oil – 05 Liters. c) Mobil Filter - 01 No. d) Diesel Filter – 02 Nos. e) O Ring Packing -02 Nos. f) Radiator Descaling- 1 No. g) Mechanical seal - 02 Nos. h) Bearing Set - 02 Nos. i) Sleeve - 02 Nos. j) Gasket Pump Packing set. k) Seal plate -02 Nos. l) Gland Stud - 02 Nos.	2	Job	115642.00	231284.00
5	Servicing and Repairing of 100 HP Kirloskar make RV66 Model Fire Engine coupled with Fire pump Model DSM100/36 Kirloskar make i/c Supplying and replacement of following damaged/broken spares including dismantling and refitting of pump etc complete as required & reassembling of pump at site including dismantling of existing damaged/broken spares i/c buy back of the old dismantled spares parts to the agency. a) Mobil Engine Oil - 20 Liters. b) Coolant oil – 05 Liters. c) Mobil Filter - 01 No. d) Diesel Filter – 02 Nos. e) O Ring Packing -02 Nos. f) Radiator Descaling- 1 No. g) Mechanical seal - 02 Nos. h) Bearing Set - 02 Nos. i) Sleeve - 02 Nos. j) Gasket Pump Packing set. k) Seal plate -02 Nos. l) Gland Stud - 02 Nos. m) 180 AH Battery - 01 No. n) Self New for engine start - 01 No. o) Battery Copper Lead 10 mm 1 mtr with Brass Terminals - 02 Nos. p) Fuel Pipe - 01 Set.	1	Job	172178.00	172178.00

6	Repairing, servicing and overhauling of 10 HP Kirloskar make Jockey pump set Model RKB-32/14H including disconnection of existing pump and motor from the connected pipeline, dismantling of motor and pump, checking and straightening of pump shaft on lathe machine, cleaning of pump casing complete as required i/c replacement of Impeller, mechanical seal, bearing set, shaft sleeve, seal plate, O-Ring, worn-out nuts, bolts and other minor parts as required for overhauling of the pump including lubrication and greasing; complete checking, reassembly and refixing of pump and motor on the base frame, alignment and testing & commissioning of the entire pump set after reinstallation all complete as required including buyback the dismantled material.	3	Job	43687.00	131061.00
7	Repairing, servicing and overhauling of 7.5 HP Kirloskar make Terrace pump set Model DB 40/16 including disconnection of existing pump and motor from the connected pipeline, dismantling of motor and pump, checking and straightening of pump shaft on lathe machine, cleaning of pump casing complete as required i/c replacement of Impeller, mechanical seal, bearing set, shaft sleeve, seal plate, worn-out nuts, bolts and other minor parts as required for overhauling of the pump including lubrication and greasing; complete checking, reassembly and refixing of pump and motor on the base frame, alignment and testing & commissioning of the entire pump set after reinstallation all complete as required including buyback the dismantled material.	14	Job	33922.00	474908.00
8	Repairing, servicing and overhauling of 12.5 HP Kirloskar make Terrace pump set Model DB 50/16 including disconnection of existing pump and motor from the connected pipeline, dismantling of motor and pump, checking and straightening of pump shaft on lathe machine, cleaning of pump casing complete as required i/c replacement of Impeller, mechanical seal, bearing set, shaft sleeve, seal plate, worn-out nuts, bolts and other minor parts as required for overhauling of the pump including lubrication and greasing; complete checking, reassembly and refixing of pump and motor on the base frame, alignment and testing & commissioning of the entire pump set after reinstallation all complete as required including buyback the dismantled material.	2	Job	38033.00	76066.00

9	Supplying & fixing of 5 mm plain glass on existing internal /external hose cabinet / Fire riser door i/c fixing with rubber bidding & putty etc complete as required.	30	Sq.mtr	2518.00	75540.00
10	Providing and fixing in position the industrial type pressure gauges with gun metal / brass valves complete as required	15	Nos	1491.00	22365.00
				Total	**16,30,653.00**

Executive Engineer (E)
SSKHED, CPWD,
New Delhi

केन्द्रीय लोक निर्माण विभाग

Central Public Works Department

एन0आई0टी0/**N.I.T.No.:-**	**44/EE(E)/SSKHED/2026-27**
लाईन न0/**Line No.:-**	**1**
कार्य का नाम/**Name of Work/Description:-**	A/R & M/O Works in Lady Harding Medical College and associated hospitals, New Delhi. (SH:-Repairing and Replacement of under ground pipe leakage & Servicing, Repairing of Fire Diesel Engine and Pumps).

कार्य की अनुसूची

SCHEDULE OF QUANTITY

ठेकेदार का नाम/**Name of the Contractor**

क्र0 सं0 **Sl. No.**	घटक का प्रकार **Name of Component**	अनुमानित लागत **Estimated cost**	अनुमानित लागत संख्या ऊपर या नीचे प्रतिशत में **Percentage above or below the estimated cost**	अंको में **%in Figures**	कुल लागत **Total Cost**
1	**Transformer**	**Rs. 16,30,653/-**			
	Grand Total	**Rs. 16,30,653/-**			

NOTE:

2. If any cells (Rates)left Blank, then the same will be treated as "Zero".

Note to CPWD Department/ User:

DO's

1.Usercan Add/Delete Multiple Rows in this Schedule Template, as required for additional decryption/ items.

2.If User Add Multiple Rows, User must Ensure to fill in all the required descriptions & required amount calculation's

DON'T's

1.Department user should not change the Structure/Format/Adding Columns of the Sample Schedule Template. (Any Assistance May contact E-Procurement Helpdesk)

2.Department user should not protect the Financial Schedule Template (BOQ/SOQ). E-Procurement portal will protect the files and necessary cells automatically.

Note To Contractors/Vendors:

DO's

1.Contractor/Vendor has to mandatorily fill in their Firm Name under "Name of the Contractor".

DON'T's

1.Contractor/Vendor should fill in the rate and then……..Upload the same file without changing the Schedule/BOQ File Name

2.Only 2 Decimal Points are supposed to be entered