

Name of work

Annual Maintenance Contract of 01 No. EVAAN lift (1000 Kg: Make Kone Modified by EVAAN) installed at NL-2 Chemical Engineering building in the campus at IIT Kanpur.

BID DOCUMENT



Office of the Executive Engineer IWD,
Indian Institute of Technology, Kanpur
December, 2024

Indian Institute of Technology Kanpur

Contents

Sl. No.	Description	Page No.
1.	Notice Inviting E-tenders	5-6
2.	Information and Instructions for Bidders for E-Tendering	7-14
2.1	Instructions for Online BID Submission	15
2.2.1	Registration	15
2.2.2	Searching for tender documents	15
2.2.3	Preparation of bids	16
2.2.4	Submission of bids	16
2.2.5	Assistance to bidders	17
2.2.6	General instruction to bidders	18
2.3	List of documents to be scanned and uploaded within the period of bid submission	19
2.3.1	Envelope - 1: Technical Bid	19
2.3.2	Envelope - 2: Financial Bid	20
3	Eligibility Criteria	20
3.1	Eligibility criteria for contractors	20
4	Bid Evaluation and Award	21
4.1	Technical Bid Evaluation	21
4.2	Financial Bid Evaluation	22
5	Various Forms and Formats	23
5.1	Format for submission of processing fees	23
5.2	Undertaking regarding obtaining GST registration	24
5.3	Affidavit for not being blacklisted/debarred/restrained	25
5.4	Performance report on work executed	26
5.5	Structure and Organization of the Agency	27
5.6	Declaration on Details of the Bidders	28-29
5.7	Details of Similar Nature of Works Completed	30

5.8	Declaration About Site Inspection	31
5.9	Letter of Transmittal	32
5.10	CPWD-7	33-34
5.11	Tender Acceptance Letter	35
5.12	Financial information	36
5.13	Banker's Certificate from a scheduled Bank	37
5.14	Net Worth Certificate by certified Chartered Accountant	38
6	Proforma of Schedules	39
6.1	SCHEDULE 'A': Schedule of Quantities	39
6.2	SCHEDULE 'B': Schedule of materials to be issued to the contractor	39
6.3	SCHEDULE 'C': Tools and plants to be hired to the contractor	39
6.4	SCHEDULE 'D': Extra schedule for specific requirements / document for the work, if any	39
6.5	SCHEDULE 'E': Reference to General Conditions of Contract	39
6.6	SCHEDULE 'F': General Rules and Directions	39
6.6.1	Definitions	40
6.6.2	Clauses	41-44
7	Terms & Conditions of Contract	45
7.1	Timely Completion	45
7.2	Rates	45
7.3	Quality and Workmanship	46
7.4	Natural calamity	49
7.5	Safety and Security	49
7.6	Approach to Site	50
7.7	Acts and Laws	50
7.8	Labour and Laws	51
7.9	Nondisclosure Agreement	52
7.10	Indemnification	52
7.11	Force Majeure	52
7.12	Dispute resolution	53

7.13	Arbitration	53
7.14	Jurisdiction of Courts	54
8	Scope of work, Specification & Special Condition of Contract	55
8.1	Brief Scope of Work	55
8.2	General	58
8.3	Shut down of lifts	58
8.4	General Requirement	59
8.5	Rope Maintenance	59
8.6	Regular Inspection & Servicing	59
8.7	Periodic Examination Testing & Maintenance	60
8.8	Undertaking from Lift OEM's (Original Equipment Manufacturer)	61
8.9	Annexure-I	62
8.10	Annexure-II	66
8.11	Annexure-III	67
8.12	Annexure-IV	68

It is certified that this document contains 68 pages

Executive Engineer

1. Notice Inviting e-Tenders

The Executive Engineer, IWD, IIT Kanpur invites on behalf of Board of Governors of IIT Kanpur online percentage rates tender from eligible firms/ specialized agencies satisfying the eligibility criteria mentioned in the document.

NIT No: 50/EE/Elect/2024

1	Name of work	:	Annual Maintenance Contract of 01 No. EVAAN lift (1000 Kg: Make Kone Modified by EVAAN) installed at NL-2 Chemical Engineering building in the campus at IIT Kanpur.
2	Estimated cost (Exclusive of GST)	:	Rs. 1,08,665/-
3	Earnest Money Deposit (Rs.)	:	Rs. 2,173/-
4	Duration of contract	:	Twelve (12) months
5	Last Time & date of submission of bids (Up to)	:	As per CPP portal data (https://eprocure.gov.in/eprocure/app)
6	Opening of bids	:	As per CPP portal data (https://eprocure.gov.in/eprocure/app)
7	Time allowed for sub- mission of requisite documents by lowest bidder	:	Within One week of opening of financial bids

The bid forms and other details may be downloaded from Central Public Procurement Portal (<http://eprocure.gov.in/eprocure/app>). Aspiring bidders who have not enrolled / registered in e- procurement should enroll / register themselves before participating through web site <http://eprocure.gov.in/eprocure/app>. The portal enrolment is free of cost. Bidders are advised to go through instructions provided at "Instructions for online bid submission."

Bidders can access quotation / tender documents on the website (for searching in the NIC site), kindly go to quotation search option and type 'IIT'. Thereafter, click on "GO" button to view all IIT quotations. Select the appropriate quotation / tender and fill them with all relevant information and submit the completed Quotation / Tender document online on the website <http://eprocure.gov.in/eprocure/app>. as per the schedule given in the next page.

Note: No manual bids will be accepted. All bids (both Technical & Financial) should be submitted in the e-procurement portal.

Applicants are advised to keep visiting the above-mentioned websites 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.

Executive Engineer, IWD

2. Information and Instructions for Bidders for E-Tendering

The Executive Engineer, IWD on behalf of Board of Governors of Indian Institute of Technology Kanpur invites online percentage rate tenders from eligible firms/ specialized agencies satisfying the eligibility criteria mentioned in the document.

1	Name of organization	:	Indian Institute of Technology, Kanpur
2	NIT No.	:	50/EE/Elect/2024
3	Location	:	Indian Institute of Technology, Kanpur
4	Tender / Quotation type (open / limited /EOI / Auction / Single	:	Open
5	Tender / Quotation category (services / works	:	Works
6	Type of Contract (work / supply / auction/ service / buy / empanelment / sell	:	Works
7	Form of contract (CPWD-7/8)	:	CPWD-7
8	Work Category (civil / electrical / fleet / management / computer system	:	Electrical
9	Is multi-currency allowed?	:	No
10	Date of publishing / issue / start	:	As per CPP portal
11	Document download start date	:	As per CPP portal
12	Document download end date	:	As per CPP portal
13	Date & time of pre-bid meeting	:	As per CPP portal
14	Venue of pre-bid meeting	:	As per CPP portal
15	Last date & time of uploading of bids	:	As per CPP portal
16	Date & time of opening of technical bids	:	As per CPP portal
17	Bid Validity Days	:	90 days after opening of technical bid
18	Earnest Money Deposit (EMD)	:	Rs. 2,173/- scanned copy as a proof of EMD deposition to be uploaded with e-Tendering website by the bidder within the

			period of bid submission. The hardcopy of earnest deposit receipt (EMD) shall be submitted in the office of Executive Engineer
19	Non- Refundable Processing Fee (Inclusive of GST @18%) as given in section 5.1	:	Rs.500/-for Non MSME/ NSIC/ Startup and Rs. 200/- for MSME/NSIC/Startup to The Registrar, Indian Institute of Technology Kanpur. The proof of submission must be uploaded along with transaction slip with due mention of NIT No. in the CPP portal for valid tender submission as per format given in section 5.1
20	No. of Bids / Covers (1 / 2 / 3 / 4)	:	2
21	Address for communication	:	Office of Executive Engineer, IWD, IIT Kanpur-208016 Contact no. 0512-259-7715
22	Email address	:	kesav@iitk.ac.in

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.

1. Information and instructions for bidders posted on website shall form part of bid document.
2. The bid document consisting of drawings, specifications, schedule of quantities of items to be executed, schedule of stages for payment as applicable and the set of terms & conditions of the contract to be complied with and other necessary documents can be seen and downloaded free of cost from www.eprocure.gov.in
3. But the bid can only be submitted after deposition of e processing fee and with the EMD hard copy submission.
4. Those contractors not registered on the website mentioned above, are required to get registered beforehand. Only e-bids shall be accepted in CPPP portal through e-tendering processes.
5. The intending bidder must have valid Class-III digital signature to submit the bid.
6. On opening date, the contractor can login and see the bid opening

- process. After opening of bids, he will receive the competitor bid sheets.
7. Contractor can upload documents in the form of JPG format and PDF format.
 8. The "Eligibility/technical Bid" shall be opened first on due date and time as per the evaluation scheme. The "Financial Bid" of bidders qualifying the technical bid shall be opened on a later date as to be announced in CPP portal.
 9. The bidders are advised to visit the site before submission of bids to have more clarity about the site conditions and availability of space for execution of the work.
 10. All modifications/addendums/corrigendum's issued regarding this bidding process shall be uploaded on website only.
 11. The department reserves the right to reject any or all bids without assigning any reason thereof and may restrict the list of qualified bidders to any number deemed suitable by it, if too many bids are received satisfying the minimum laid down criteria.
 12. The rates for all items of work, shall unless clearly specified otherwise, include cost of all operations and all inputs of labour, material, T&P, scaffolding, wastages, watch and ward, other inputs, all incidental charges, all other taxes, cess, duties, levies etc. required for execution of the work.
 13. The specialized works shall be in compliance with 3 star GRIHA rating and as per environmental policies of Institute. Noting extra shall be payable on this account.
 14. If claimed, the enlistment of the contractors should be valid on the last date of submission of bids. In case the last date of submission of bid is extended, the enlistment of contractor should be valid on the original date of submission of bids.
 15. The description of the work is as follows: **Annual Maintenance Contract of 01 No. EVAAN lift (1000 Kg: Make Kone Modified by EVAAN) installed at NL-2 Chemical Engineering building in the campus at IIT Kanpur.**
 16. The work is estimated to cost **Rs. 1,08,665/-**. However, this estimate given is mere approximation for guide.
 17. Agreement shall be drawn with the successful bidders on prescribed Form No. CPWD 7 which is available as a Govt. of India Publication and also available on website www.cpwd.gov.in. Bidders shall quote his rates as per various terms and conditions of the said form which will form part

of the agreement.

18. The time allowed for carrying out the entire work will be **Twelve (12)** months 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 as detailed in special conditions of contract in the bid document.
19. The site for the work will be handed over as per the special terms and conditions of the document.
20. An approval programme of completion submitted by the contractor after award of work based on the milestone given in the tender.
21. The bid document consisting of NIT, 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.eprocure.gov.in free of cost.
22. 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.
23. While submitting the revised bid, contractor can revise the rate of one or more item(s) any number of times (he/she need not re-enter rate of all the items) but before last time and date of submission of bid as notified.
24. The receipt of e-processing fee shall also be uploaded to the e-tendering website by the intending bidder up to the specified bid. The Details of Institute Account for submitting e-processing fees is given in **5.1** under Section Various Forms and Formats.
25. Copy of documents as specified in the bid shall be scanned and uploaded to the e-tendering website within the period of bid submission.
26. The bid submitted shall be opened at as per the details provided in the CPP portal at IWD office. The date of opening of Financial Bid shall be informed through web site after the opening of financial bid
27. The bid submitted shall become invalid and e- processing fee shall not be refunded if:
 - (i) The bidder is found ineligible.
 - (ii) **If the bidder does not deposit original EMD to the office of Executive Engineer, Electrical Division, IWD, IIT Kanpur**
 - (iii) The bidder does not upload scanned copies of all the documents stipulated in the bid document.
28. The contractor whose bid is accepted will be required to furnish

performance guarantee of 5% of tendered value within the period specified in Schedule F. This guarantee shall be in the form of Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form.

29. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F' including the extended period if any, the contractor shall be suspended for two years and shall not be eligible to bid for IITK tenders from the date of issue of suspension order.
30. The contractor whose bid is accepted will also be required to furnish either copy of applicable licenses/ registrations or proof of applying for obtaining licenses, registration with EPFO, ESIC and BOCW Welfare Board including Provident Fund Code No. If applicable and also ensure the compliance of afore said provisions by the sub-contractors, if any engaged by the contractor for the said work and program chart (Time and Progress) within the period specified in Schedule 'F'.
31. Intending Bidders are advised to inspect and examine the sites 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, making proper arrangements to the site for smooth operation, 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. Bidder shall be deemed to have full knowledge of the sites whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidder 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 Institute and local conditions and other factors having a bearing on the execution of the work.
32. Intending Bidders are advised to get familiarized with the specifications /rules related (i.e., **Annual Maintenance Contract of 01 No. EVAAN lift (1000 Kg: Make Kone Modified by EVAAN) installed at NL-2 Chemical Engineering building in the campus at IIT Kanpur.**) to the work as approved by the competent authority and various policies related to C&D waste and other environmental

guidelines of the institute pertaining to the. Bidder shall be deemed to have full knowledge of such rules and regulations whether he has read it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. In case of reduction of scope of work or no work is possible to carry out on account of such issues, no cost shall be payable to them. Submission of a bid by the bidder implies that he has read this notice and all other documents and has made himself aware of the Institute Regulations and other factors having a bearing on the execution of the work.

33. The competent authority on behalf of the Board of Governors 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 assigning any reason. Bids in which any of the prescribed conditions is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.
34. Canvassing whether directly or indirectly, in connection with bids is strictly prohibited and the bids submitted by the bidders who resort to canvassing will be liable to rejection.
35. The competent authority on behalf of the Board of Governors 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.
36. The contractor shall not be permitted to bid for works in the Institute Works Department 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) in IWD. 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 Office of IWD/ Institute Works Department. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.
37. 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 services without the prior permission of the Government of India in writing. This contract is liable to be canceled 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 services.
38. The bids for the work shall remain open for acceptance for a period of

Ninety (90) days from the date of opening of bids. If any bidder withdraws his bid before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the bid which are not acceptable to the department, then the Institute shall, without prejudice to any other right or remedy, be at liberty to suspend the bidder for one year

39. This notice inviting Bid shall form a part of the contract document. The successful bidders/contractor, on acceptance of his bid by the Accepting Authority shall within 7 days from the stipulated date of start of the work, will sign the contract.
40. 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
41. Standard C.P.W.D. Form 7 or other Standard C.P.W.D. Form as applicable.
42. The bid document will include the following components:
 - (a) CPWD-7 and CPWD-6 including Schedule A to F for all the components of the work, Standard General Conditions of Contract for CPWD 2023 as amended/modified up to last date of submission of the bid.
 - (b) General / specific conditions, specifications applicable to all components of the work.
43. The eligible bidders shall quote percentage rates after considering all the components of the work.
44. After acceptance of the bid by competent authority, the Executive Engineer, IWD shall issue letter of award on behalf of the Board of Governors to the contractor. After the work is awarded, the contractor will have to enter into one agreement with Executive Engineer, IWD. One such signed set of agreement shall be handed over to Engineer-In-Charge as applicable.
45. Entire work under the scope of bid shall be executed under one agreement.
46. The requirement of technical staff given in various specialized works is as per requirements given in clause 32 of NIT document. The actual deployment of these technical staff will be as per execution of work and direction of the Executive Engineer, IITK.
47. The bill for work components shall be facilitated by Engineer-in-Charge

to the contractor.

48. The Final bill must be submitted to the Office of IWD, IIT Kanpur and the bills shall be based on milestones (if applicable).
49. The work shall be treated as complete when all the components of the work are complete.
50. It will be obligatory on the part of bidder to sign the contract document for all components before the first payment is released.
51. In case of reduction in scope of work claim on account of reduction in value of work, loss of expected profit, consequential overheads etc. shall not be entertained.
52. A team of officers from Indian Institute of Technology Kanpur may visit the office/ site of work of bidders for establishing their credibility and verification of submitted documents
53. The mentioned work is urgent as requested by client/Institute and to be completed strictly in given time schedule as per special terms and conditions. The contractor has to deploy the labour and supervisory staff in shifts to meet the targeted completion date. The work may be executed in extended shifts or two shifts. The rates quoted by the contractor will be deemed to be inclusive of any extra expenditures on account of this reason. Nothing shall be paid on this account.
54. The competent authority on behalf of the Board of Governors reserves the right to terminate the contract if,
 - a) Any violation of labour law has been observed.
 - b) Any of the construction workers engaged in the works under this contract is found also engaged in Service Contracts of the Institute at the same time.
55. The competent authority on behalf of the Board of Governors reserves the right to disqualify an agency for
 - (a) Non-compliance of Institute orders
 - (b) Violation of Institute policies as established by the Competent Authority in the best interests of the Institute.

2.1 Instructions for Online BID Submission

This tender document has been published on the Central Public Procurement Portal (URL: <http://eprocure.gov.in/eprocure/app>). The bidders are required to submit softcopies of their bids electronically on the CPP portal, using valid Digital Signature Certificates (DSC). The instructions given below are meant to assist the bidders in registering on the CPP portal, prepare their bids in accordance with the requirements and submitting

their bids online on the CPP portal.

More information useful for submitting online bids on the CPP portal may be obtained at <http://eprocure.gov.in/eprocure/app>

2.2.1 Registration

1. Bidders are required to enroll on the e-procurement module of the Central Public Procurement portal ([URL:http://eprocure.gov.in/eprocure/app](http://eprocure.gov.in/eprocure/app)) by clicking on the link, "click here to enroll". Enrolment on the CPP portal is free of charge.
2. As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for the accounts.
3. Bidders are advised to register their valid e-mail address and mobile number as part of the registration process. These would be used for any communication from the CPPP portal.
4. Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (class 2 or class 3 certificates with signing key usage) issued by any certifying authority recognized by CCA India (e.g. Sify / TCS / nCode/ eMudhra etc.) with their profile.
5. Only one valid DSC should be registered by a bidder. Please note that bidders are responsible to ensure that they do not lend their DSCs to others which may lead to misuse.
6. Bidder then logs in to the site through the secured log-in by entering their user ID Password and the password of the DSC / eToken.

2.2.2 Searching for tender documents

1. There are various search options built in the CPP portal to facilitate bidders to search active tenders by several parameters. These parameters could include tender ID, organization name, location, date, value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as organization name, form of contract, location, date, other keywords etc. to search for a tender published on the CPP portal
2. Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. The tenders can be moved to the respective "My Tenders" folder. This would enable the CPP portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
3. The bidder should make a note of the unique Tender ID assigned to each other; in case they want to obtain any clarification/help from the Helpdesk.

2.2.3 Preparation of bids

1. Bidder should take into account any corrigendum published on the tender document before submitting their bids.
2. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bids. Please note the number of covers in which the bid documents have to be submitted. Any deviations from these may lead to rejection of the bids.
3. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF formats. Bid documents may be scanned with 100 dpi with black & white option.
4. To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g., PAN card copy, annual reports, auditor's certificates, etc.) has been provided to the bidders. Bidders can use "My Space" area available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

2.2.4 Submission of bids

1. Bidder should log into the site well in advance for bid submission so that he / she upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
2. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
3. A standard BOQ Format has been provided with the tender document to be filled by all the bidders. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. Bidders are required to download the BOQ file, open it and complete the white colored [unprotected] cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it online, without changing the filename. If the BOQ file is found to be modified by the bidder, the bid will be rejected.

OR

In some cases, financial bids can be submitted in PDF format as well (in

lieu of BOQ).

4. The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
5. All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128-bit encryption technology. Data storage encryption of sensitive fields is done.
6. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
7. Upon the successful and timely submission of bids, the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
8. Add scanned PDF of all relevant documents in a single PDF file of compliance sheet.

2.2.5 Assistance to bidders

1. Any queries relating to tender document and the terms and conditions contained therein should be addressed to the tender inviting authority for a tender or the relevant contact person indicated in the tender.
2. Any queries relating to the process of online bid submission or queries relating to CPP portal in general may be directed to the 24 x 7 CPP Portal Help Desk.

2.2.6 General instruction to bidders

1. The tenders will be received online through portal <https://eprocure.gov.in/eprocure/app>. In the technical bids, the bidders are required to upload all the documents in PDF format.
2. Possession of a valid class II / III Digital Signature Certificate (DSC) in the form of smart card / e-token in the company's name is a prerequisite for registration and participating in the bid submission activities through <https://eprocure.gov.in/eprocure/app>. Digital Signature Certificates can be obtained from the authorized certifying agencies, details of which are available in the website <https://eprocure.gov.in/eprocure/app> under the link "Information about DSC".

Tenderers are advised to follow the instructions provided in the "Instructions to the tenderer" for the e-submission of the bids online through the Central Public Procurement Portal for e-procurement at <https://eprocure.gov.in/eprocure/app>.

Executive Engineer

2.3 List of documents to be scanned and uploaded within the period of bid submission

The following mandatory documents to be submitted with online bid submission:

The Online bids (complete in all respect) must be uploaded online in two Envelops as explained here: -

2.3.1 Envelope - 1: Technical Bid

The following mandatory documents to be provided as **a single PDF** file in the same sequence as listed for an eligible bid:

1. EMD scanned copy shall be submitted along with the technical bid**
2. The bidder must possess valid registration of 'Manufacturer or Maker or other authorized service provider of Lifts/ escalators who has certification issued by the Chief Inspectorate of Lifts, Escalators and Passenger Conveyors/ Chief Electrical Inspector to Government, Department of Electrical Inspectorate, Govt. of Uttar Pradesh issued under Uttar Pradesh Lifts, Escalators and Passenger Conveyors Act. A copy of registration should be submitted.
3. Proof of submission of Processing Fees as per 5.1
4. GST Registration Certificate or GST Undertaking as per 5.2
5. EPF & ESI Registration
6. Copy of PAN card
7. Affidavit for not being blacklisted/debarred/restrained as per 5.3
8. Performance report of works executed as per 5.4
9. Structure and Organization of the Agency as per 5.5
10. Declaration on Details of the Bidder(s) as per 5.6
11. Details of Similar Nature of Works Completed as per 5.7
12. Declaration about Site Inspection as per 5.8
13. Letter of Transmittal as per 5.9
14. Tender Certificate as per 5.10
15. Tender Acceptance Letter as per 5.11
16. Financial Information as per 5.12
17. Solvency certificate as per 5.13 (minimum 40% of estimated cost put to tender) Or Net Worth Certificate from certified Chartered Accountant as per 5.14

**** Earnest money in the form of Demand Draft of pay order or Banker's Cheque or Deposit at Call Receipt or Fix Deposit Receipt drawn in favor of "The Director, IIT Kanpur" shall be scanned and uploaded to the e-Tendering website by the bidder within the period of bid submission. The hardcopy of earnest deposit receipt (EMD) shall be submitted in the office of Executive Engineer, Electrical Division IWD, IIT Kanpur before the Date & time of opening of technical bids as specified in the bid document, failing which bid shall not be considered and liable for rejection.**

2.3.2 Envelope - 2: Financial Bid

Price bid should be submitted in BOQ format

1. Eligibility Criteria

3.1 Eligibility criteria for contractors

Contractors who fulfill the following criteria shall be eligible to apply.

Eligible Bidders

Eligible bidders should satisfy the following criteria for an eligible bid:

1. Average annual financial turn over:

2. Average annual financial turnover of works should be at least 30% of the estimated cost of work put to tender during the last 3 consecutive financial years by the certified Chartered Accountant.

Audited turnover statements to be furnished as proof of the same duly certified by chartered accountant along with Profit & Loss Statements.

3. The bidder should not have incurred loss (profit after tax should be positive) in more than two years during last five financial years ending 31st March 2024, duly audited and certified by the Chartered Accountant.
4. Solvency Certificate- 40% of the estimated cost put to tender as per 5.13 Or Net Worth Certificate from certified Chartered Accountant as per [5.14](#)

2. Experience:

Firms/Contractors must have completed satisfactorily

- i) One similar work of 80% value of the estimated cost put to tender

Or

- ii) Two similar work of 60% value of the estimated cost put to tender

Or

iii) Three similar work of 40% value of the estimated cost put to tender

Works completed during last 7 years ending last day of the month previous to the one which application are invited.

And

One completed work of similar nature costing not less than the amount equal to 40% of the estimated cost put to tender with Central Government Department/ Central Autonomous Body/ Central Public Sector Undertaking/ State Government Department

3. **Definition of similar work:** Similar type of work means “**Annual Maintenance Contract of EVAAN make lifts**” done with any Central Government Department / Central Autonomous Body / Central Public Sector Undertakings /State Government and Establishment of repute in last 7 years.

Eligible bidders must also satisfy the following conditions and ensure submission of all documents mentioned in 2.3

1. **Legal:** Unregistered Partnership Firm and Joint Venture or Consortium are not eligible.
2. **Registration:** Bidder should be registered with the Income Tax Department (PAN), Employees Provident Fund (EPF) Organization, Employees State Insurance (ESI) Corporation & GST. Bidders are not eligible in absence of these documents.
3. **Office:** Bidders have to establish its local accessible office registered with local GSTIN at IIT Kanpur to run the awarded work.

4. Bid Evaluation and Award

The following process will be followed for the Technical and Financial Bids Evaluation:

4.1 Technical Bid Evaluation

- Technical bids received complete in all respects covering the entire scope of work, will only be opened
- The technical bid evaluation is done only for bidders who satisfy the minimum criteria by submitting documentary proof supporting eligibility criteria and the bids of agencies who have not submitted these documents are liable to be rejected without notice.

4.2 Financial Bid Evaluation

For financial bids, the following points shall be followed:

- After evaluation of Pre-Qualification Documents, a list of short-listed agencies will be prepared.
- Thereafter the financial bids of only the qualified and technically acceptable bidders shall be opened at the notified time, date and place in the presence of the qualified bidders or their representatives, if present.
- The bid shall remain valid for Ninety (90) days from date of opening of eligibility bids/Technical bid.

NOTE

The employer/Institute reserves the right, without being liable for any damages or obligation to inform the bidder, to:

- Amend the scope and value of contract to the bidder.
- Reject any or all the applications without assigning any reason.

Any effort on the part of the bidder or his agent to exercise influence or to pressurize the employer would result in rejection of his bid. Canvassing of any kind is prohibited.

5. Various Forms and Formats

5.1 Format for submission of processing fees

Format for proof of submission to be uploaded along with transaction slip
(Scanned copy of this page to be uploaded at the time of submission of bid)

I/we have submitted the processing fess as per the following details:

NIT No	:	50/EE/Elect/2024
Name of Agency	:	
GST Number of Agency	:	
Date of transaction	:	
Total amount Transferred	:	
UTR No.	:	

Signature of Bidder

Details of Institute Account for submitting processing fees are as follows:

Beneficiary Name : The Registrar, IIT, Kanpur,
Account Number : 30632766814
Bank Name : SBI, IIT Kanpur-208016
IFSC Code : SBIN0001161

5.2 Undertaking regarding obtaining GST registration

Proforma for Undertaking regarding obtaining GST registration Certificate of The State in which work is to be taken up

(Undertaking to be furnished on a 'Non-Judicial' stamp paper worth Rs.100/)

(Scanned copy of this notarized undertaking to be uploaded at the time of submission of bid, if required)

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 IITK, 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 IITK or GST department in this regard.

Signature of bidder

OR

(An authorized Officer of the firm with stamp)

Signature of Notary with Seal

5.3 Affidavit for not being blacklisted/debarred/restrained

Proforma for AFFIDAVIT for not being blacklisted/debarred/restrained

(AFFIDAVIT to be submitted on a 'Non-Judicial' stamp paper worth Rs.100/) (Scanned copy of this notarized affidavit to be uploaded at the time of submission of bid)

I/we undertake and confirm that our firm/partnership firm has not been blacklisted and/or debarred/restrained by any Central Govt./ State Govt. Agency/ Autonomous body of the Central or State govt./ PSU etc. Further that, if such information comes to the notice of the Institute, then I/we shall be debarred for bidding in the Institute in future forever. Also, if such information comes to the notice of the Institute on any day before date of start of work, the competent authority shall be free to cancel the agreement and to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.

Signature of bidder

OR

(An authorized Officer of the firm with stamp)

Signature of Notary with Seal

5.4 Performance report on work executed

Proforma of Performance report on works referred to in Financial Information (To be printed in Company's Letterhead)

(Scanned copy of the Performance Reports to be uploaded at the time of submission of bid)

1. Name of work/project & location:
2. Agreement no.:
3. Estimated cost:
4. Tendered cost:
5. Date of start:
6. Date of completion:
7. Stipulated date of completion:
8. Actual date of completion:
9. Amount of compensation levied for delayed completion, if any:
10. Amount of reduced rate items, if any:
11. Performance Report:
 - (a) Quality of work: Outstanding / Very Good / Good /Poor
 - (b) Technical Proficiency: Outstanding / Very Good / Good /Poor
 - (c) Resourcefulness: Outstanding / Very Good / Good /Poor
 - (d) General Behavior: Outstanding / Very Good / Good /Poor

Signature of Superintending Engineer or Equivalent

Dated:

5.5 Structure and Organization of the Agency

Proforma of providing Structure and Organization of the Bidding Agency (To be printed in Company's Letterhead)

(Scanned copy of the Structure and Organization Document to be uploaded at the time of submission of bid)

1. Name & address of the bidder:
2. Telephone no./Telex no./Fax no.:
3. Email address for Communication:
4. Legal status of the bidder (attach copies of original document defining the legal status):
 - (a) An Individual:
 - (b) A proprietary firm:
 - (c) A firm in partnership:
 - (d) A limited company or Corporation:
5. Particulars of registration with various Government Bodies (attach attested photocopy)

Organization / Place of registration No.

- 1.
- 2.
- 3.
6. Names and titles of Directors & Officers with designation to be concerned with this work.
7. Designation of individuals authorized to act for the organization
8. Has the bidder, or any constituent partner in case of partnership firm, ever been convicted by the court of law? If so, give details.
9. Any other information considered necessary but not included above.

Signature of bidder

5.6 Declaration on Details of the Bidders

Proforma of Declaration on Details of the Bidders (To be printed in Company's Letterhead)

(Scanned copy of the Performance Reports to be uploaded at the time of submission of bid)

DECLARATION

I/We,..... hereby declare that all the information and data furnished by our organization with regard to this tender specification are true and complete to the best of our knowledge. I/we have gone through the specification, conditions and stipulations in details and agree to comply with the requirements and intent of specification.

Particulars of the bidder as per following details:

1.	Name of the firm / organization	:	
2.	Type of the firm / organization: Public Ltd, / Private Ltd./ Registered firm	:	
3	Registered office	:	
4	Address of office	:	
5	Contract people	:	
6	Name & designation	:	
7	Land line & mobile no.	:	
8	Email	:	
9	PAN No.	:	
10	GST No.	:	
11	EPF Registration No.	:	
12	ESI Registration No.	:	
13	EMD/FDR/DD No. & Date	:	
14	Has the applicant ever been required to suspend any project for a period of more than six months continuously after Commencement of work?	:	If so, give the name of the project and reasons of suspension of project
15	Has the applicant ever been convicted by a court of law?	:	YES / NO, If yes give details of the case

16	Details of any litigation in which the applicant is / was involved.	:	
17	All forms submitted as desired in the bid	:	Yes / No
18	Undertaking regarding no subletting of work.	:	

We further declare that our organization has not been blacklisted /delisted or put to any holiday by any Institutional agency / Govt. Department / Public Sector Undertaking in the last three years.

Signature of Bidder(s) with seal

Dated:

5.7 Details of Similar Nature of Works Completed

Proforma for submission of Details of Eligible Similar Nature of Works Completed* during the Last Seven Years ending previous day of the last date of submission of tenders (Scanned copy of the Performance Reports to be uploaded)

The bidding capacity of the contractor should be equal to, or more than the estimated cost of the work put to tender. The bidding capacity shall be worked out by the following formula: Bidding Capacity = $[A \times N \times 1.5] - B$, where

A = Maximum turnover in construction works executed in any one year during the last seven years taking into account the completed as well as works in progress. The value of completed works shall be brought to current costing level by enhancing at a simple rate of 7, N = Number of years prescribed for completion of work for which bids has been invited. B = Value of existing commitments and ongoing works to be completed during the period of completion of work for which bids have been invited.

The contractor needs to submit the supporting documents for calculation of A & B as above.

For calculation of B, information is to be supplied in the following tabular format:

Sr. No	Name of work / project and location	Owners or sponsoring organization	Cost of work in crores of rupees	Date of commencement as per contract	Stipulated date of completion	Actual date of completion	Litigation / arbitration cases pending / in Progress with details*	Name and address / telephone number of officers to whom reference may be made	Whether the work was done on back to back basis Yes/No
1	2	3	4	5	6	7	8	9	10

* Indicate gross amount claimed and amount awarded by the Arbitrator.

Signature of bidder with seal

Dated:

5.8 Declaration about Site Inspection

Declaration about Site Inspection

(By Bidder)

To
The Executive Engineer,
IWD, IIT,
Kanpur

Subject: Submission of Tender for the work of "Annual Maintenance Contract of 01 No. EVAAN lift (1000 Kg: Make Kone Modified by EVAAN) installed at NL-2 Chemical Engineering building in the campus at IIT Kanpur -reg".

Dear Sir/Madam,

It is hereby declared that as per terms and conditions of this tender document, I/ We the bidder inspected and examined the subject site and its surrounding and satisfy myself / ourselves as to the nature of the ground and sub-soil (so far as is practicable), the forms and nature of the site./ ourselves before submitting the bid, the accommodation which may require and all necessary information as to risks, contingencies and other circumstances which may influence or affect our bid have been obtained. I/We the bidder shall have full knowledge of the site and no extra charge consequent upon any misunderstanding or otherwise shall be claimed in later date. I /We bidder shall be responsible for arranging and maintaining at 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 me/us implies that I / We have read this notice and all other contract documents and has made myself /ourselves aware of the scope and specifications of the work to be done and local conditions and other factors having a bearing on the execution of the work.

Sincerely

(Duly authorized signatory of the Bidder)

5.9 Letter of Transmittal

To
The Executive Engineer,
IWD, IIT,
Kanpur- 208016

Name of Work: Annual Maintenance Contract of 01 No. EVAAN lift (1000 Kg: Make Kone Modified by EVAAN) installed at NL-2 Chemical Engineering building in the campus at IIT Kanpur-reg

Dear Sir/Madam

Having examined details given in Notice and bid document for the above work, I/we hereby submit the relevant information.

- 5.9.1 I/We hereby certify that all the statements made and information supplied in the enclosed forms and accompanying statement are true and correct.
- 5.9.2 I/we have furnished all information and details necessary for eligibility and have no further pertinent information to supply.
- 5.9.3 I/We also authorize the Executive Engineer, IWD, Indian Institute of Technology Kanpur or his representative(s) to approach individuals, employers, firms and corporation to verify our competence, work experience, and general reputation.
- 5.9.4 I/we submit the following certificates in support of our suitability, technical knowledge and capability for having successfully completed the following eligible completed works:

Sl. No.	Name of work	Amount	Certificate issued by
1			
2			
3			

CERTIFICATE

It is certified that the information given in the enclosed eligibility bid are correct. It is also certified that I/We shall be liable to be debarred, disqualified/ cancelation of enlistment in case any information furnished by me/us found to be incorrect.

Signature(s) of Bidder with seal

Enclosures:

Date:

5.10 CPWD-7

CPWD-7

PERCENTAGE RATE TENDER & CONTRACT FOR WORKS

Tender for the "**Annual Maintenance Contract of 01 No. EVAAN lift (1000 Kg: Make Kone Modified by EVAAN) installed at NL-2 Chemical Engineering building in the campus at IIT Kanpur**".

1. To be uploaded as per details uploaded in CPP portal at www.eprocure.gov
2. To be opened in the presence of tenderers who may be present at the time of opening in the Executive Engineer, IWD, IIT Kanpur.
3. The pre-qualification/Technical bid shall be opened first on due date and time as mentioned above. The time and date of opening of financial bid of contractors qualifying the technical bid shall be communicated to them at a later date.

TENDER

(To be signed in Company's Letterhead)

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, General Conditions of Contract (For construction works) 2023, 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 Board of Governors within the time specified in Schedule 'F' viz., schedule of quantities and in accordance in all respect with the specifications, designs, drawing and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the Conditions of contract and with such materials as are provided for, by, and in respect of accordance with, such conditions so far as applicable.

We agree to keep the tender open for Ninety (90) days from the due date of its opening 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.

If I/We, fail to furnish the prescribed performance guarantee within prescribed

period, I/We agree that the said Board of Governors or his successors, in office shall without prejudice to any other right or remedy, be at liberty to take action as per GCC 2023. Further, if I/We fail to commence work as specified, I/We agree that Board of Governors 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 Clauses 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 Indian Institute of Technology Kanpur in future forever. Also, if such a violation comes to the notice of Indian Institute of Technology Kanpur before date of start of work, the Executive Engineer, IWD shall be free to forfeit the entire amount of Performance Guarantee.

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

Signature(s) of Contractor(s) with seal

Dated:

Address

Occupation

5.11 Tender Acceptance Letter

(To be given on Company Letter Head)

Date:

To,
Executive Engineer,
IWD, IIT,
Kanpur-208016

Sub: Certificate of compliance as per Rule 144 (xi) GFR's 2017
Tender Reference No:

.....

Name of Tender / Work:

.....

Dear Sir,

1. I/ We have downloaded / obtained the tender document(s) for the above mentioned 'Tender/Work' from the web site(s) namely: as per your advertisement, given in the above-mentioned website(s).
2. I / We hereby certify that I / we have read the entire terms and conditions of the tender documents from Page No..... to (including all documents like annexure(s), schedule(s), etc .,), which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.
3. The corrigendum(s) issued from time to time by your department/ organisation too have also been taken into consideration, while submitting this acceptance letter.
4. I / We hereby unconditionally accept the tender conditions of above mentioned tender document(s) / corrigendum(s) in its totality / entirety.
5. I / We do hereby declare that our Firm has not been blacklisted/ debarred/ terminated/ banned by any Govt. Department/Public sector undertaking.
6. I / We certify that all information furnished by our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organisation shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours Faithfully,

(Signature of the Bidder, with Official Seal)

5.12 Financial Information

Proforma for providing Financial Information

(Scanned copy of the completed information sheet to be uploaded at the time of submission of bid)

Financial Analysis: Details to be furnished duly supported by figures in balance sheet/ profit & loss account for the last three financial years duly certified by the Chartered Accountant, as submitted by the applicant to the Income Tax Department (Copies to be attached).

Financial Years	2021-22	2022-23	2023-24
Gross Annual turnover			
Profit/Loss			

Signature of Chartered Accountant with Seal

Signature of bidder

5.13 Banker's Certificate from a scheduled Bank

Proforma of Banker's Certificate from a Scheduled Bank

(To be printed in Bank's Letterhead)

(Scanned copy of the Certificate to be uploaded at the time of submission of bid)

This is to certify that to the best of our knowledge and information that M/s./Sh..... having marginally noted address, a customer of our bank are/is respectable and can be treated as good for any engagement up to a limit of Rs (Rupees) This certificate is issued without any guarantee or responsibility on the bank or any of the officers.

.....
(Signature for the Bank)

NOTE:

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

5.14 Net Worth Certificate by certified Chartered Accountant

Proforma of Net Worth Certificate by certified Chartered Accountant

(To be printed in Letterhead of Chartered Accountant)

(Scanned copy of the Certificate to be uploaded at the time of submission of bid)

This is to certify that as per the audited Balance Sheet and Profit & Loss statement of the account during the financial year, the net worth of M/s./Sh.....

.....
(Name & Registered Address of individual/firm/company) as on 31.3.2024 is Rs. (Rupees.....)

after considering all liabilities. It is further certified that the net worth of the company has not eroded by more than 30% in the last three years ending on 31.3.2024.

.....
(Signature of the Chartered Accountant)

.....
(Name of the Chartered Accountant)

.....
(Membership No. of ICAI)

.....
(Date & Seal)

6 Proforma of Schedules

Operative schedules shall be supplied separately to each intending tenderer

SCHEDULE "A"	Schedule of Qty	Uploaded separately
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SCHEDULE 'B'

Schedule of materials to be issued to the contractor:

S. No.	Description of item	Quantity	Rates in figures & words at which the material will be charged to the contractor	Place of issue
1	2	3	4	5
NIL				

SCHEDULE 'C'

Schedule of Tools and Plants to be hired to the contractor

S. No.	Description	Hire charges per day	Place of issue
1	2	3	4
-----NIL -----			

SCHEDULE "D"	Extra schedule for specific requirements/document for the work, if any:	As attached in tender form.
SCHEDULE "E"	Schedule of component of other Materials, Labour, POL etc. for price escalation	N. A.
SCHEDULE "F"	Reference to General Conditions of contract.	
Name of Work:	Annual Maintenance Contract of 01 No. EVAAN lift (1000 Kg: Make Kone Modified by EVAAN) installed at NL-2 Chemical Engineering building in the campus at IIT Kanpur.	
Estimated cost of the work:	Rs. 1,08,665/-	
Earnest money	Rs. 2,173/-	
Performance Guarantee	5% of the tendered value of the work, In favour of "the Director, IIT Kanpur".	
Security Deposit	2.5% of the tendered value of the work will be deducted	

	from each bill. Same would be released after successful completion of One month defect liability period and as per special conditions of the contract.
--	--

General rules and direction:

Officer inviting tender	Superintending Engineer, IWD, IIT, Kanpur
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Definitions:

2(v)	Engineer-in-charge	
	For Electrical works	Executive Engineer, IWD, IIT Kanpur
2(vi)	Accepting authority	Dy. Director, IIT Kanpur
2(vii)	Percentage on cost of materials and labour to cover all overheads and profits	N.A
2(viii)	Standard Schedule of Rates:	Minimum central labour wage rates (central Govt. and Market rates for other items-if applicable)
2(ix)	Department	IWD, IIT Kanpur
2(x)	Standard CPWD contract Form:	GCC 2023, CPWD form-7 as modified & corrected up to 13.01.2025 (Whether correction vide latest circulars are in corporate or not in this document). The following condition pertains to GST of clause 37 & 38 of General Condition of contract and corresponding Amendments should be read as follows: a- The Quoted rates should be exclusive of GST. b- The GST as applicable shall be paid extra.
Clause 1	i) Time allowed for submission of Performance	7 Days

	<p>Guarantee from the date of issue of letter of acceptance</p> <p>ii) Maximum allowable extension with late fee @0.1% per day of performance guarantee amount beyond the period as provided in i) above</p>	7 Days
Clause 1A	Applicable. The Defect liability period shall be One Month from the date of handing over of the assigned works to the user/Institute	
Clause 2	Authority for fixing Compensation under Clause 2	SE, IWD, IIT, Kanpur. Or successor thereof
Clause 2A	Whether Clause 2A shall be applicable	Yes
Clause 5	<p>i) Number of days from the date of issue of letter of acceptance for reckoning date of start</p> <p>ii) Time allowed for execution of work</p>	<p>15 days</p> <p>12 Months</p>
i)	Number of days from the date of issue of letter of acceptance for reckoning date of start	15 days
ii)	Mile stone	Not applicable
Authority to decide	Extension of time	SE, IWD, IIT, Kanpur. Or successor thereof
Clause 6A	Computerized Measurement of bills	APPLICABLE
Clause 7		APPLICABLE
Clause 10A	Material to be provided by the contractor	APPLICABLE

Clause 10B (ii), (iii)	Whether clause 10-B (ii) and 10-B (iii) shall be applicable.	NOT APPLICABLE
Clause 10 C	Component of labour expressed as percentage of value of work	NOT APPLICABLE
Clause 10 CA		NOT APPLICABLE
Clause 10 CC	Increase/Decrease in Price of materials/wages	NOT APPLICABLE
Clause 11		CPWD Specifications of all Electrical items (CPWD Civil specification vol.1 and vol.2, 2022), with correction Slips issued up to the last date of receipt of tenders and as per NIT for E & M electrical Works .
Clause 12: Type of work		Original Work/minor maintenance work
Clause 12.2 & 12.3: Deviation limit beyond which clause 12.2 & 12.3 shall apply for Building works		Not applicable
Clause 16 Competent Authority for deciding reduced rates: For Civil items and For Electrical items of work		As per table 7
Clause 17 - Defect liability period completion of contract whichever is later		One month and those listed in Special Conditions of Contract
Clause 18 - List of mandatory machinery, tools & plants to be deployed by the contractor at site		As per the scope of work

Clause 32 - Requirement of Technical Representative(s)		As per table 9		
If the Contractor commits default in commencing the execution of the work as aforesaid, the performance guarantee shall be forfeited.				
Table 6 Major milestones of the project				
Sl. No.	Description of Milestone (Physical)	Time allowed from date of start	Maximum duration of work	Amount to be withheld in case of non achieve of the milestones (% of composite tendered amount)
1.	Not Applicable			
The detailed program chart approved by the engineer-in-charge shall indicate how the resources will be deployed by the contractor to maintain desired progress and for the completion of the work within the specified period. If the submitted program is approved, the milestone shall be redefined accordingly by the Superintending Engineer, IWD Indian Institute of Technology Kanpur. The amount to be withheld in such a case, for non-achievement of milestone(s), shall remain unaltered i.e., 1% of tendered amount				
1.		Time allowed for execution of work	12 months	
Table 7 Authority to decide				
1.		Extension of time (EOT)	EE/ SE, IWD IIT Kanpur	
2.		Rescheduling of milestones	Not applicable	
3.		Shifting of start in case of delay in handing over of site.	SE, IWD, IIT, Kanpur	
Table 8: Materials for which all India Wholesale Price Index to be followed Nearest Materials (other than cement, reinforcement bars and the structural steel) for which All India Wholesale Price Index to be followed)				
Sl. No.	Material covered under this clause	Base Price (without GST) of Materials, covered under clause 10 CA		
1.	Not applicable			

Table 9: Requirement of Technical staff as per Clause 32					
Sl. No.	Qualification	Number	Minimum Experience in years	Designation	Rate at which the recovery shall be made from the contractor in the event of not fulfilling provision of Clause 32
1.	Graduate / Diploma	1	5	Project / Planning / construction / billing Engineer (Electrical)	Rs. 25000/- (Rupees Twenty-Five Thousand only) per month, per person
<p>Note: Assistant Engineers retired from Government services who 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 engineer.</p>					
<p>The details of appointed engineers/technical staffs have to be verified and approved by Engineer- in-charge</p>					

7 Terms & Conditions of Contract

7.1 Timely Completion

1. The work included in this tender is of urgent nature.
2. The work of all components must be started simultaneously and has to be delivered together or early within the given time schedule.
3. The contractor has to deploy the labor and supervisory staff in shifts to meet the targeted work.
4. Number of days from the date of issue of letter of acceptance for reckoning date of start shall be as per Schedule. If the Contractor commits default in commencing the execution of the work as aforesaid, the performance guarantee shall be forfeited.
5. The detailed program chart approved by the engineer-in-charge shall indicate how the resources will be deployed by the contractor to maintain desired progress and for the completion of the work within the specified period. If the submitted program is approved, the milestone shall be redefined accordingly by the Executive Engineer of IWD, IITK. The amount to be withheld in such a case, for non-achievement of milestone(s), shall remain unaltered. Any delay in achieving the milestone must be compensated within the limitations of time imposed in the Contract document
6. The contractor shall procure the required materials in advance so that there is sufficient time for testing of the materials and approval of the same before use in the work, as required.

7.2 Rates

1. Unless otherwise provided in the schedule of quantities of the work the rates tendered by the contractor shall be all inclusive and shall apply to all heights, lifts, leads and depths of the building (Inclusive of GST) and nothing extra shall be payable to him on this account.
2. The rates for all items of work shall, unless clearly specified otherwise, include cost of all labours, materials and other inputs involved in the execution of the item irrespective of whether they have been specifically mentioned in the tender document or not.
3. In case the same item (s) appear more than once in the schedule of work / BOQ under the same sub head or among the different subhead of works, the lowest rate quoted for that item (s) shall be considered for the particular item(s) wherever appeared in any part of BOQ / Schedule of works for the purpose of tender evaluation although web

generated e-price bid may incorporate different quoted rate for same item(s) as per the quoting pattern of the tenderer. The tendered amount thus worked out shall be final & shall be binding on the contractor.

4. The rates quoted by the contractor will be deemed to be inclusive of any extra expenditure of this reason. The contractor has to increase the manpower or other tools etc. to do the work as per requirement of the work at his own expenses. Nothing shall be paid on this account.
5. The contractor shall provide at his own cost suitable weighing, surveying and leveling and measuring arrangements as may be necessary at site for checking. All such equipments shall be got calibrated in advance from laboratory, approved by the Engineer-in-Charge. Nothing extra shall be payable on this account.
6. Other agencies may also simultaneously execute and install the works and the contractor shall afford necessary facilities for the same. The contractor shall leave such recesses, holes, openings, trenches etc. as may be required for such related works (for which inserts, sleeves, brackets, conduits, base plates, clamps etc. shall be available as specified elsewhere in the contract) and the contractor shall fix the same at the time of casting of concrete, stone work and brick work, if required, and nothing extra shall be payable on this account.
7. All material shall only be brought at site as per program finalized with the Engineer-in-Charge. Any pre-delivery of the material not required for immediate consumption shall not be accepted and thus not paid for.
8. The contractor shall be responsible for the watch and ward / guard of the buildings, safety of all fittings and fixtures provided by him against pilferage and breakage during the period of installations. No extra payment shall be made on this account.

7.3 Quality and Workmanship

1. The contractor shall be entirely responsible and answerable for all the works done by him regarding quality, adherence to the laid down specifications, terms and conditions, warranty/guarantee etc. and he shall be liable to bear any compensation that may be levied by the department under any of the clauses of the agreement.
2. The materials having ISI mark shall have precedence over the one conforming to ISSpecifications.

3. The proposed is for Institute premises and quality of work is paramount importance. Contractor shall have to engage well experienced skilled labour and deploy modern T & P and other equipment to execute the work.
4. Samples of all materials and fittings to be used in the work in respect of brand manufacturer and quality shall be approved from the Engineer-in-Charge, well in advance of actual execution and shall be preserved till the completion of the work.
5. All materials used in the work shall be new and of good quality, conforming to the relevant specifications as per good engineering practice. All the materials proposed to be used in the work should be approved from Engineer in Charge before use in work.
6. Articles bearing BIS certifications mark shall only be used unless no manufacturer has got BIS/ISI mark for the particular material. Any material/fitting whose sample has not been approved in advance and any other unapproved material brought by the contractor shall be immediately removed as soon as directed. Where the make of any particular material is not specified in the Contract document, the material shall be supplied as per makes desired by the engineer-in-charge.
7. It will be the responsibility of the contractor / bidder to ensure use of genuine materials in the work. The department reserves the right to get (any / all materials / components) inspected by the manufacturer or their authorized representatives at any stage of the execution of work. If any of the materials, supplied and used in work is found spurious at any stage, then the department reserves the right to ask the contractor to replace it by genuine one and make suitable recovery till it is done, even if any payment against that material is already made.
8. The contractor should get the make/TDS documents approved before procuring any material at site. The TDS/Make once approved shall not be changed without any valid recorded reasons. No material to be brought and used at site without the prior knowledge & approval of Engineer-in-Charge.
9. The department may ask for any valid document like manufacturer's test certificate, document for purchase of the material, document for import/shipment of imported materials etc. as deemed fit by the engineer-in-charge to ascertain genuineness of material supplied by/used in the work by the contractor. The contractor shall remain bound to submit all such documents to the department failing which payment may not be made or if already paid may be recovered/ withheld from subsequent running account payment.

10. All equipment and their components, and all the materials to be used in the work shall be suitable for the environmental conditions at the location of the work.
11. The contractor shall ensure quality control measures on different aspects of construction including materials, workmanship and correct construction methodologies to be adopted. He shall have to submit quality assurance programme within two weeks of the award of work. The quality assurance programme should include method statement for various items of work to be executed along with check lists to enforce quality control.
12. The contractor shall get the source of all other materials, not specified elsewhere in the document, approved from the Engineer-in-Charge. The contractor shall stick to the approved source unless it is absolutely unavoidable. Any change shall be done with the prior approval of the Engineer-in-Charge for which tests etc. shall be done by the contractor at his own cost. Similarly, the contractor shall submit brand/ make of various materials not specified in the agreement, to be used for the approval of the Engineer-in-Charge along with samples and once approved, he shall stick to it.
13. The contractor shall arrange carrying out of all tests required under the agreement through the laboratory as approved by the Engineer-in-Charge and shall bear all charges in connection therewith including fee for testing. The said cost of tests shall be borne by the contractor/department in the manner indicated below.
 - a) By the contractor, if the results show that the test does not conform to relevant CPWD Specifications / BIS code or specification mentioned elsewhere in the documents.
 - b) By the department, if the results conform to relevant CPWD Specifications / BIS code or specification mentioned elsewhere in the documents.
14. Sample of building materials fittings and other articles required for execution of work shall be got approved from the Engineer-in-Charge. Articles manufactured by companies of repute and approved by the Engineer-in-Charge shall only be used. Articles bearing BIS certification mark shall be used in case the above are not available, the quality of samples brought by the contractor shall be judged by standards laid down in the relevant BIS specifications. All materials and articles brought by the contractor to the site for use shall conform to the samples approved by the Engineer-in-Charge which shall be preserved till the completion of the work.

15. The contractor shall ensure quality construction in a planned and time bound manner. Any sub-standard material/work beyond set out tolerance limit shall be summarily rejected by the Engineer-in-Charge.
16. BIS marked materials except otherwise specified shall be subjected to quality test at the discretion of the Engineer-in-Charge besides testing of other materials as per the specifications described for the item/materials. Wherever BIS marked materials are brought to the site of work, the contractor shall if required, by the Engineer-in-Charge furnish manufacturers test certificate or test certificate from approved testing laboratory to establish that the material produced by the contractor for incorporation in the work satisfies the provisions of BIS codes relevant to the material and/or the work done.
17. All materials brought by the contractor for use in the work shall be got checked from the Engineer-in-Charge or his authorized representative of the work on receipt of the same at site before use.
18. All the material brought by the contractor for use in the work shall be got checked from the Engineer-in-Charge or his authorized representative of the work on receipt of the same at site before use.
19. The contractor shall be fully responsible for the safe custody of the materials issued to him even if the materials are in double lock and key system.

7.4 Natural calamity:

No payment will be made to the contractor for any damage caused by rain, snow fall, floods, dampness, fire, sun or any other natural cause whatsoever during the execution of work. The damage to the work due to above reason, if any, shall have to be made good by the contractor at his own cost and no claim on this account shall be entertained.

7.5 Safety and Security

1. The contractor has to follow all safety norms as laid down in National Building Code of India. All the workers shall be equipped with the required safety gadgets while working at site such as ISI marked helmets, Shoes and safety belts, gumboots, gloves etc.
2. The contractor, the authorized representative(s), workmen etc., shall strictly observe orders pertaining to fire precautions prevailing in the area.
3. The contractor shall be fully responsible for the safe custody of materials brought by him/ issued to him even though the materials may be under

double lock key system.

4. Contractor will arrange proper metal ladders, M.S. double scaffolding (for working, painting, etc. at higher levels) at his own cost and will take all safety measures like double harness safety belt, mechanized electrically operated platform etc. If it is observed that work is proceeding without adequate safety precautions, work may be stopped by Engineer-in-charge and in such cases, contractor will be solely responsible for delay and its consequences thereof.
5. The contractor shall be responsible for the watch and ward/guard of the buildings, safety of all fittings and fixtures including sanitary and water supply fittings and fixtures provided by him against pilferage and breakage during the period of installations and thereafter till the building is physically handed over to the department. No extra payment shall be made on this account.
6. The contractor shall take all precautions to avoid accidents by exhibiting necessary caution boards day and night speed limit boards red flags, red lights and providing barriers. He shall be responsible for all dangers and incidents caused to existing / new work due to negligence on his part. No hindrances shall be caused to traffic during the execution of the work.
7. It shall be ensured by the contractor that no electric live wire is left exposed or unattended to avoid any accidents in this regard.
8. The Institute shall not have any responsibility or liability in case of any accident injury to the personnel to the contractor at work site or to the general public at the work site due to mishandling equipment by the personnel of the contractor or any other similar reason. The responsibilities and liabilities for such accidents and incidents shall be borne by the contractor.

7.6 Approach to Site

1. The tenderer shall see the approaches to the site. In case any approach from main road is required at site or existing approach is to be improved and maintained for cartage of materials by the contractor, the same shall be provided, improved and maintained by the contractor at his own cost.
2. Contractor shall take all precautionary measures to avoid any damage to adjoining property. All necessary arrangement shall be made at his own cost.

7.7 Acts and Laws

1. The Contractor shall keep himself fully informed of all acts and laws of the Central & State Governments, all orders, decrees of statutory bodies, tribunals having any jurisdiction or authority, which in any manner may affect those engaged or employed and anything related to carrying out the work. All the rules & regulations and bye-laws laid down by Collector/MC etc. and any other statutory bodies shall be adhered to, by the contractor, during the execution of work.
2. The Contractor shall also adhere to all traffic restrictions notified by the local authorities.
3. All statutory taxes, levies, charges (including water and sewerage charges, charges for temporary service connections and / or any other charges, as applicable) payable to such authorities for carrying out the work, shall be borne by the Contractor.
4. The Contractor shall arrange to give all notices as required by any statutory / regulatory authority and shall pay to such authority all the fees that is required to be paid for the execution of work. He shall protect and indemnify the Institute and its officials & employees against any claim and /or liability arising out of violations of any such laws, ordinances, orders, and decrees, by him/her or by his/her employees or his/her authorized representatives. Nothing extra shall be payable on these accounts.
5. The fee payable to statutory authorities for obtaining the various permanent services shall be borne by the Institute.

7.8 Labour and Laws

1. The Contractor shall display all permissions, licenses, registration certificates, bar charts, other statements etc. under various labour laws and other regulations applicable to the works, at his site office.
2. Huts for labour are not permitted within the premises of the Institute. No extra cost shall be payable even if the contractor provides such accommodation at a place as is acceptable to the local body.

7.9 Non-disclosure Agreement.

1. The Agency shall take all precautions not to disclose, divulge and/or disseminate to any third party any confidential information, proprietary information on the Institute business or security arrangements (including but not limited to the Assignment instructions, Schedules and other subsequent Arrangements) and/or business of the Institute. The

obligation is not limited to any Scope and the Agency shall be held responsible in case of breach of the confidentiality of Institute's information.

2. If the Agency receives enquiries from Press/Media/Radio/Television or other bodies / persons, the same shall be referred by the Agency to Institute immediately on receipt of such queries.

7.10 Indemnification:

1. The agency shall be directly responsible to indemnify the Institute against all charges, dues, claims, etc. arising out of the disputes relating to the dues and employment of the personnel deployed and further for any claim/compensation against all damages and accidents caused due to negligence on the part of the agents, employees and other personnel of the agency.
2. That the contractor shall keep the IITK indemnified against all claims whatsoever in respect of the employees deployed by the contractor. In case any employee of the contractor so deployed enters in dispute of any nature whatsoever, it will be the primarily responsibility of the contractor to contest the same. In case IITK is made party and is supposed to contest the case, IITK will be reimbursed for the actual expenses incurred towards Counsel Fee and other expenses which shall be paid in advance by the Contractor to IITK on demand. Further, the contractor shall ensure that no financial or Any other liability comes on IITK in this respect of any nature whatsoever and shall keep IITK indemnified in this respect.

7.11 Force Majeure:

If at any time, during the continuance of this contract, the performance in whole or in part by either party of any obligation under this contract is prevented or delayed by reasons of any war, hostility, acts of public enemy, civil commotion, sabotage, fires, floods, explosion, epidemics quarantine restriction, strikes, lockouts or acts of god (hereinafter referred to as events) provided notice of happenings of any such event, is served by party seeking concession to the other as soon as practicable, but within 21 days from the date of occurrence and termination thereof. Provided the Party satisfies Institute adequately of the measures taken by it. Neither party shall, by reason of such event, be entitled to terminate this contract, nor shall either party have any claim for damages against the other in respect of such non-performance or delay in performance. Further, the services under the contract shall be resumed as soon as practicable after such event has come to an end or

ceased to exist and the decision of Institute as to whether the services have to resume or not shall be final and conclusive, provided further, that if the performance in whole or in part of any obligation under this contract is prevented or delayed by reason of any such event for a period exceeding 60 days, Institute may at his option, terminate the contract.

7.12 Dispute resolution

1. The institute reserves the right to amend rules whenever and wherever considered necessary and appropriate. The same shall be intimated to the agency in due course.
2. Any dispute arising out of and in relation to this agreement shall be referred to the arbitration by sole arbitrator to be appointed by Director of the Institute. The arbitration would be conducted and governed by and under the provisions of Arbitration Act, 1996 and its amendments. Any legal dispute will be subject to jurisdiction of Kanpur Courts only and no other court shall have the jurisdiction.
3. Any dispute arising out of and in relation to this agreement shall be referred to the arbitration by sole arbitrator to be appointed by Director of the Institute. The arbitration would be conducted and governed by and under the provisions of Arbitration Act, 1996. Any legal dispute will be subject to jurisdiction of Kanpur Courts only and no other court shall have the jurisdiction.

7.13 Arbitration

1. Except as otherwise provided anywhere in this Agreement, if any dispute, registration, the question of disagreement or matter, whatsoever, arises between the parties, as to the meaning, operation or effect of the Agreement or out of or relating to the Agreement or breach thereof, the same shall be referred to a Sole Arbitrator, to be appointment by the Director of the Institute at the time of the dispute.
2. If the Arbitrator, to whom the matter is originally referred, dies or refuses to act or resigns for any reasons from the position of arbitration, it shall be lawful for the Director of the Institute to appoint another person to act as Arbitrator in the manner aforesaid. Such person shall be entitled to proceed with the reference from the stage at which it was left by its predecessor, provided both the parties consent to this effect, failing which, the arbitrator shall be entitled to proceed on the matter de- novo.

3. It is a term of the Agreement that the party invoking the arbitration shall specify all disputes to be referred to arbitration at the time of invocation of arbitration under the clause.
4. It is a term of the contract that the cost of arbitration shall be borne by the parties themselves.
5. The place of the arbitration shall be Kanpur Nagar, Uttar Pradesh, India.
6. Subject as aforesaid, the provisions of the Arbitration and Conciliation Act, 1996 and any statutory modifications, amendments or re-enactment thereof and rules made the reunder and for the time being in force, shall apply to the arbitration proceeding under this clause.
7. Except as otherwise provided anywhere in this Agreement, the Arbitration proceedings shall be conducted in English and the Agreement shall be constructed, interpreted and governed by the law of India, for the time being in force.

7.14 Jurisdiction of Courts

The court(s) at Kanpur Nagar, Uttar Pradesh, shall have the exclusive jurisdiction to try any as all the disputes(s) between the parties arising out this Agreement.

8 Scope of Work

Scope of work includes the Comprehensive Annual Maintenance Contract (AMC) of lifts installed at various places of IIT Kanpur

8.1 Scope of work for comprehensive maintenance contract is as follows:

1. The broad objectives of the comprehensive maintenance services for the lifts are to ensure the lifts installed at IIT Kanpur campus that are always functional and maintained to achieve optimum life and safety. To ensure safety of the user, required measures are to be taken and consistently maintained for efficient operations.
2. The contractor shall carry out comprehensive maintenance including preventive maintenance of lifts installed in sports complex building at the institute campus including cost of genuine spare parts and the other consumable items through trained personnel and also to provide the services of trained lift operations as specified in the bill of quantities.
3. The agency shall see that the Lifts are properly working as per the norms of Uttar Pradesh lifts, escalators and passenger conveyors Act & Amendments and Rules framed thereunder.
4. The contractor shall provide trained and qualified engineers and technicians to provide the routine maintenance, examination and lubrication service once in a month during the normal business hours. The cost of lubricants, cleaning materials, hydraulic fluid, machine gear oil, spare parts tools and plants required for regular maintenance shall be borne by contractor
5. All the components shall be checked for its proper functional and rectified immediately. The rectification work shall include cost of spares parts also.
6. The contractor shall diagnose the faults and rectify the defect detected in reasonable time with minimum down time; and shall repair/replace the faulty parts of the equipment.
7. Any part of the Lift required to be taken for the service centre for repairs, proper out-pass should be obtained from the Engineer in charge of the work and intimated while bringing it back.
8. The contractor shall see that maintenance of lifts shall be in conformity with manufacturers maintenance manual of respective lifts.
9. Attend the lift in case of any fault or breakdown within 2-4 hrs.
10. Any emergency complaint unattended beyond 24 hours shall charge with penalty of Rs. 1000/- per day basis on the lift AMC agency. This shall be deducted from their next AMC bills.

11. The contractor should be maintain Log book for each lift.
12. The contractor shall submit periodic (monthly/quarterly/annually as the case may be) compliance report (Service report) to the Engineer-in-charge of the work.
13. The contractor shall attend to the complaints immediately on receipt of the complaint cum fault Docket from the Engineer in charge of the work.
14. The contractor shall attend to any lift Operational problems and rectify the defects within the time limit as follows:

Sr. No.	Description of Item	No. of days
1.	Rewinding of motors, replacement of brush bearing, repairing of armature	03 days
2.	Replacement of carbon brush, rectified, repair/ replacement of thermistor panel	01 day
3.	Repair of gear box	03 days
4.	Replacement of steel rope chain tape of selector governor, sheave	02 days
5.	Replacement of brake shoe lining	01 day
6.	Replacement of trailing cable	02 days
7.	Rewinding, repair of brake motor, gear drive	02 days
8.	Replacement of burnt/ defective cards	02 days
9.	Replacement of main drive	03 days

Other rectification works:

Minor/Medium rectification works: Within 24 hours of receipt of the Complaint cum Fault Docket from the Engineer in-charge of the work.

Minor/Medium rectification means (but not limited to): Repair/replacement of switches sockets plugs miscellaneous electrical / mechanical, miscellaneous repair/rectification works including cleaning of

contacts, contact points, earthing points & filters etc, replacement of eyelets, socket, Lugs & gaskets etc.in panels or motors.

Major rectification works: Within 72 hours of receipt of the complaint cum Fault Docket from the Engineer in-charge of the work.

Major rectification means (but not limited to): Repair / replacement of Transformers/Motors, Steel suspension ropes and other major components.

However, in case of any doubt in classification of rectification work, contractor can give technical justification and ask for extra time for

approval of Engineer in-charge who will have power to grant such extra time/change the classification of rectification work depending upon the correct technical justification and a reason ability of time scheduling for such extension/ change of classification of a particular rectification work.

15. The contractor shall present during the inspection of the Lifts by the Governmental authorities and assist the Institute in replying their observations, if any.
16. The contractor shall furnish the names, locations, complete postal address, telephone numbers and e- mail address of all technical support centers and also alternate contact persons. Any change in the above details shall have to be intimated in writing by the contractor.
17. Any damages caused by the Contractor in existing facilities while carrying out the work shall be made good by the contractor.
18. All dismantled/ replaced parts should be handed over to the Institute's Engineer in-charge.
19. The contractor and his workers must strictly take all safety precautions and shall wear safety appliances like hand-gloves, safety boots, safety belt, safety helmets, duster cloth, dust mask etc. They shall wear uniforms while on duty.
20. The contractor shall take adequate safety precaution to prevent accidents at site. The contractor shall also ensure that his workers observe the statutory safety rules and regulations and also those laid down by the employer from time to time and promptly submit report of accident and state the measures taken by him to prevent their recurrence and also keep the employer indemnified of all claims arising out of such accidents.
21. AMC shall cover each part of Lift and accessories including plastic body and parts, replacement of any part necessary for keeping the Lift active and free from any defects/disturbance.
22. Bidders may visit the site and examine the existing lift condition and quote the rate accordingly.
23. Mock Drill exercise shall be taken up at least twice a year for safe exit of passengers trapped inside the lift in case of emergency.

24. Contract shall be extended for another one to two year(s) on mutual agreed basis with the same rates, terms and conditions.

8.2 General

1. The Contractor shall attend fault call, inspect, service, repair, maintain, modify, and test the lifts to meet the functional requirements of various areas of the institute. All materials, equipment and appliances shall be originated from the original equipment s manufacturers only.
2. All materials and workmanship shall comply with all relevant sections of the latest edition of the following and all current amendments thereto issued, unless otherwise specified on a particular Works Order or instructed by the Institute.
 - a) The UTTAR PRADESH LIFTS AND ESCALATORS ACT, 2024
 - b) The maintenance & up keeping of lifts shall be carried out by the lift manufacturers, authorized & approved lift Agencies only. Every Lift shall be maintained or used as per the requirements specified in the relevant code of practices prescribed by the Bureau of Indian standard, Electricity Act, 2003 (Central Act 36 of 2003) and any rules or Regulations made there under including national Electrical Code, National Building Code or specifications of International Electro-technical Commission.
 - c) All materials and workmanship shall comply with all relevant sections of the latest edition of the following and all current amendments thereto issued, unless otherwise specified on a particular Works Order or instructed by the Institute.

8.3 Shut-down of Lift and Escalator System

Shut-down of lift system at the premises or site concerned during execution of works shall be kept to minimum. The Contractor shall dispatch sufficient technical staff to execute diligently the works within a reasonable period of time or as directed by the Institute.

If shut-down is deemed necessary the following guidelines must be observed:

- a) Shut down of any lift must be strictly on need basis and resumed as soon as possible.
- b) Avoid shutting down all lifts within a building at the same time.

The Contractor shall be responsible for giving well in advance verbal and written notice to the Institute or his representative on any shut down indicating the scheduled shut down period and the resumption of the system. If extension of shut down period is required for the system, the Contractor shall report the case to the Institute and the venue-in-charge immediately. Any shut down case and details of shut down shall be recorded in the maintenance log book kept at site.

The Contractor shall provide and fix at all landings with appropriate notice and guard railing during each shut down incident. The temporary guard railing and notice should be taken away immediately when the system is resumed to normal or upon instructed.

8.4 General Requirements:

The Contractor shall provide the all-in-all comprehensive maintenance service and to maintain efficient and prompt response to breakdown; emergency call-out or complaint for the timely attendance of equipment failure and/or unsatisfactory services.

The Contractor shall properly, effectively and efficiently operate and maintain all the lift involved in the Contract for their reliable, satisfactory and safe operation.

For the supply, repair and replacement of parts like: hoist lights, car ceiling, fan/blower louver, light diffuser, landing door, emergency door, car wall panel, car decoration, handrail, skirting, entrance column, and front return panel, car flooring, landing architrave, emergency door architrave, and emergency door sill for lift; and landing plate, lamp cover, cladding, decorative, and rubber handrail for escalator. The contractor has to make separate arrangements & cost will be added in tender only.

The Contractor shall make good, repair or replace all parts at his own cost if the damage or defect is due to the negligence of the Contractor.

8.5 Rope maintenance

1) Rope measurement should be taken monthly & report to the IITK representative.

2) Floor wise rope marking should be checked monthly, if worn out marked immediately.

3) If any changes found, The Contractor shall replace all wire ropes for all lifts at his own cost when any one of the following conditions exists: -

- (a) Where undue stretching occurs after the initial stretch has taken place;
- (b) There is corrosion / rust
- (c) There is bird caging of strands
- (d) The rope has been damaged; and physical condition of the Rope/Ageing of the rope

8.6 Regular Inspection and servicing

All planned maintenance works should be well planned, coordinated, equipped with sufficient staff and organized to the satisfaction of the Institute and his representatives

8.7 Periodic Examination testing and maintenance

a) Lift Inspection

All the lifts and their associated equipment or machinery shall be thoroughly examined by the Registered Lift Engineer/competent person at intervals not exceeding the period specified by chief electrical inspectorate of Uttar Pradesh.

b) Safety Equipment

Safety equipment means, in relation to a lift, the safety gear and governor or other device by which it is operated, the emergency signals and where provided, the stop switch, and all machinery and equipment connected therewith, and all machinery and equipment connected therewith.

8.8 Auto Rescue Device (ARD):

Auto Rescue device of all the lifts should be in working condition with proper maintenance of Battery & Inverters

Note:

- 1) Institute is planning to have a dashboard for monitoring of all the installed lifts. The successful bidder should extend the required access of communication port (RS- 485 or TCP/IP or Modbus) and make the data (lift operating condition and lift loading condition etc.) available to the institute without any additional cost.

Undertaking from Lift OEM's (Original Equipment Manufacturer)

The lowest tenderer (in case of Authorized dealers of OEM) shall submit along with the performance guarantee after the acceptance of tender, an undertaking from OEM's regarding lift/elevator AMC as mentioned below:

Undertaking

(Name of OEM) Lift's Original Equipment Manufacturers (OEM) certificate or their authorized dealership certificate specifically for AMC ofmake lifts of IIT Kanpur under the above tender No..... by M/s.....

We, M/s OMEGA Elevators Pvt. Ltd., OEM for the lift/elevator do hereby give undertaking to IIT Kanpur for the Annual Maintenance contract support through our authorized dealer, M/s..... the lowest tenderer for the work, "**Annual Maintenance Contract of 01 No. EVAAN lift (1000 Kg: Make Kone Modified by EVAAN) installed at NL-2 Chemical Engineering building in the campus at IIT Kanpur.**"

1. We also give undertaking to provide maintenance/service support and all the spares to IIT Kanpur throughout the useful life of these equipment's for the passenger lift.

M/s.....

Authorized signatory with stamp.

Monthly Service Report for Electric Passenger & Goods Lift

Lift Inspection Report:

(Month/Year)

Maintenance Contract No.:

Location:

Lift No.

Contractor's Name:

Item	Description of Services	N/A	Weekly					<u>Remarks</u>
			Date	Date	Date	Date	Date	
			Properly Done					
1	(a)	Top up lift machine gearbox and lubricate bearings.						
	(b)	Check break for correct mechanical action. Ensure linings and drums are free from oil or grease.						
	(c)	Clean overspeed governor and lubricate.						
	(d)	Inspect bearings of drums, sheaves and pullets. Lubricate						
	(e)	Inspect motor/ generator/ exciter/ commutators and sliprings operating under working conditions and stationery. Lubricate bearings.						
	(f)	Clean, inspect and adjust controller contacts, interlocks and dashpots. Lubricate. Observe and adjust operation sequence and timing of contractors.						
	(g)	Clean floor selector, check and adjust. Lubricate drive gear.						
	(h)	Top up counterweight guide shoes lubrications.						
	(i)	Clean up lift well as necessary. Clean pit. Inspect condition of lift well enclosure.						
	(j)	Clean guides and lubricates where applicable						
	(k)	Check limit switches, direction switches and their operating devices. Ensure roller and spindles are free to rotate.						

(l)	Inspect car exterior and clean car top. Top car guide show lubricators. Inspect tensioning devices for correct adjustment. Clean and inspect door operating gear and check for oil leaks. Lubricate.						
(m)	Check door locks for safe operation, Ensure rollers and spindles are free to rotate. Lubricate.						
(n)	Check that car and landing doors operate freely and bottom tracs are clear of debris.						
(o)	Ride in car, observe and record irregularities in starting, stopping and general running.						
(p)	Check for correct operation: - Car controls, car door switches, door re-opening device, emergency stop, alarm bell and intercom system. Inspect conditions of car interior and floor covering. Observe levelling accuracy.						
(q)	Test operation of landing buttons, indicators and fireman switch.						

Item	Description of Services	N/A	Monthly	Remarks	
2	(a)	Inspect lift machines gearing and bearing. Ensure key and fixing bolts are secure.			
	(b)	Inspect break coupling and lining for wear. See that keys and fixing bolts are secure. Check that break release gear and hand winding wheels are readily available.			
	(c)	Check drums, sheaves and pulleys for visible cracks, ensure keys and fixing bolts are secure. Inspect bearings and sheave grooves.			
	(d)	Check conditions of wire ropes. Ensure suspension rope are bolts are secure.			
	(e)	Inspect overspeed governor for wear. Ensure keys and fixing bolts are secure.			
	(f)	Extract dust from interiors of motors and generators. Inspect bearing, ensure fixings are secure.			
	(g)	Inspect floor selector bearing. Check connections and flexes. Inspect driving rope, tape or chain for wear and correct tension.			
	(h)	Inspect and operate by hand the slack rope witch, safety-gear switch, broken tape or rope switch and overspeed governor switch.			
	(i)	Inspect guides for wear and ensure fixings are secure.			

	(j)	Check counterweight clearance for rope stretch. Inspector rope equalizer. Ensure main tie bolts are secure .Inspect guide shoes for wear and "float". Ensure filler weight are properly position and Secure. Check safety gear for guide clearance and free movement.			
	(k)	Open, Clean inspect limit switches, directions switches. Inspect fixed cramps and Indicator plates.			
	(l)	Ensure spring buffers are secure. Clean oil buffer and top up. Check for oil leaks.			
	(m)	Inspect conditions of landing and car sill noising and check car clearance. Inspect log beaks door rollers spindles for wear Inspector door inter connecting wires or change for wear and correct tension			
	(n)	Ensure car frame bolts are secure. Check guide shoe for minimum "float". Ensure car body is secure in frame. Check safety- gear for guide clearance and free movement. Check tension for safety rope. Inspect door operating mechanism for wear and ensure driving sprocket Keys and fixing bolts are secure. Ensure that "pick up" between car and landing doors is correctly aligned.			
	(o)	Open, clean and inspect car controls, floor switches, door switches. Check action of emergency opening and movable floor. Inspect car lighting.			
	(p)	Inspect travelling cables and their anchorages.			
	(q)	Open clean and respect landing button boxes and ensure that they and Indicator boxes are securely fixed			
Item	Description of Services		N/A	Quarterly	Remarks
3	(a)	Open clean and inspect landing door locks.			
	(b)	Carry out electrical load test on emergency lighting batteries and battery charger for a period of 1 hour.			
	(c)	Inspect and operate by hand the ascending car over speed protection device switch and rope break protection device.			

Signature:

Name of the competent technician:

Staff identification No:

Quarterly Inspection Report for Lift

Quarterly Inspection Report for Lift: (Month/Year)

Maintenance Contract No. :

Location : Lift No.

Contractor's Name :

Type of Installation: **Passenger Lift**

Date of last periodic examination as per section 22 of the lifts and Escalators Ordinance: _____ (Date)

Date of last examination with load as per section 23 of the lifts and Escalators Ordinance: _____ (Date)

Details of Test;

(a) Normal/emergency lift, batteries and battery charger	Good <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>
(b) Emergency release equipment	Good <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>
(c) Machine gear box	Good <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>
(d) Brake System	Good <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>
(e) Hoisting rope	Good <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>
(f) Sheave and pulleys	Good <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>
(g) Governor and rope	Good <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>
(h) Levelling at each landing	Good <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>
(i) Operation of ascending car overspeed protection device switch and rope break protection device	Good <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>
(j) Car/Landing doors			
- Safety edges	Good <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>
- Door Lock	Good <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>
- Door Operation	Good <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>
- Door sill	Good <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>
- Door gap clearance	Good <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>
(k) Car interior	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- Normal lighting	Good <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>
- Load test on emergency lighting, batteries and battery charger	Good <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>
- Ventilation fan	Good <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>
- Emergency alarm	Good <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>
- Intercom system	Good <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>
- Overload indication	Good <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>
- Warning notice	Good <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>
- Tactile braille plate	Good <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>
(l) Main Landing			
- Firemen's switch	Good <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>
- Emergency alarm bell	Good <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>
- Lift service call notice board	Good <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>

(m) Hydraulics Lift

- | | | | | | |
|---|-----------|------|-------------------------------|-------------------------------|--------------------------|
| - Ram and Cylinder | | Good | <input type="checkbox"/> Fair | <input type="checkbox"/> Poor | <input type="checkbox"/> |
| - Control, pilot and levelling valves and adjust. | Lubricate | Good | <input type="checkbox"/> Fair | <input type="checkbox"/> Poor | <input type="checkbox"/> |
| - Control rope and chain, rope gripper and terminal stops | | Good | <input type="checkbox"/> Fair | <input type="checkbox"/> Poor | <input type="checkbox"/> |
| - Rollers and spindle | | Good | <input type="checkbox"/> Fair | <input type="checkbox"/> Poor | <input type="checkbox"/> |
| - Pump Motor | | | | | |

(n) Measured Rate Speed: _____m/s

(o) Measured Lift Door Opening Time (for lift door at terminal floor only): _____Sec.

(p) Measured Lift Door Closing Time (for lift door at terminal floor only):

(q) Other: _____

Major Repairs:

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Remarks (1) The lift is in satisfactory and serviceable condition

(2) Others:

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Checked by:

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Date:

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Certified by:

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Annexure-I: Modified provisions in CPWD works manual 2019 regarding testing charges to be borne by contractor.

केन्द्रीय लोक निर्माण विभाग
कार्यालय ज्ञापन

No. DG/MAN/410

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAWAN, NEW DELHI

DATED: 22.10.2021

Subject: Addition of new Para 4.10.2 in CPWD Works Manual 2019 regarding testing charges to be borne by contractor.

It has been noticed that following provisions are sometimes being made in the NITs / Agreements by the NIT approving authorities:

"The cost of test shall be borne by contractor/ department in the manner as below:

- i. By the contractor, if the result shows that material does not conform to the relevant codes/ specification.
- ii. By the department, if the results show that the material conforms to relevant codes/ specification."

It has been decided by the competent authority that testing charges shall be borne by the contractor in all cases. Accordingly following new para is added in CPWD Works Manual -2019.

Existing Provision	Modified Provision
4.10 Preparation of NIT	4.10 Preparation of NIT
4.10.2 No Provision	4.10.2 Testing charges to be borne by contractor
	Following provision shall be incorporated by the NIT approving authority in the NIT:
	All expenditure to be incurred for testing of samples e.g. packaging, sealing, transportation, loading, unloading etc. including testing charges shall be borne by the contractor. The NIT shall have list of approved laboratories for testing as approved by ADG / SDG.

This issues with the approval of competent authority.

(वी.पी. साहू) 22/10/2021

अधीक्षण अभियंता(सी.एंड एम.)

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