



राष्ट्रीय औद्योगिक इंजीनियरिंग संस्थान
NATIONAL INSTITUTE OF INDUSTRIAL ENGINEERING

विहार सरोवर मुंबई- *Vihar Lake, Mumbai 400 087*

Website: <https://www.nitie.ac.in>

(Only Through Online e-Procurement Mode)

NITIE e-Procurement / e-Tendering Website : <https://www.tenderwizard.com/NITIE>

**Notice Inviting e-Tender (NIT) for the Work of
e-Tender for Supply and installation of passenger elevators at Old
Director's Office, Anand Vihar and Academic Building at NITIE
Mumbai**

(Tender Document, Instructions to Tenderer, General conditions of Contract and Special conditions of Contract)

National Institute of Industrial Engineering (NITIE), Mumbai

Ref. No: NITIE/Estate/2021-22

Date: 23.06.2021

NOTICE INVITING e-TENDERS (NIT)

Name of the work: Director, NITIE invites Online tender on item rate basis under two bid system (Technical bid and Price Bid) for the work of “**Supply and installation of passenger elevators at Old Director’s Office, Anand Vihar and Academic Building at NITIE Mumbai**”.

Details of Tender fee, EMD, submission of tender and other details are elaborated in the tender document. (Pay through e-Payment mode online on portal, e-Payment facility are available on website for making the payment through Debit / Credit Card / Net Banking)

Tender Document: Tender document will not be issued in person. The tender document can be downloaded from <https://www.tenderwizard.com/NITIE> & www.nitie.ac.in for downloading of tender documents on <https://tenderwizard.com/NITIE> or <https://eprocure.gov.in> Or NITIE Website <https://www.nitie.ac.in>. Tenders downloaded from the website must be accompanied by requisite tender fee failing which tender will not be considered.

1	Cost of Tender document & ITI Ltd Tender Wizard e-Tender Processing Fees	Rs. 1500.00 (Rupees One Thousand Five Hundred Only) : (Pay through e-Payment mode online on portal , e-Payment facility are available on website for making the payment through Debit / Credit Card / Net Banking. or Cost of Tender Document by D.D.(Non-Refundable)
2	Download of Tender document Online	23.06.2021 : 1500 Hours to 14.07.2021 : 1500 Hours
3	Last date for receipt of Tender Online	15.07.2021 - 1100 hours
4	Opening of the Tenders (Part-1) Online	15.07.2021 - 1130 hours

Opening of Technical Bid Part 1 of the bid Online: Only Technical Bid Part 1 will be opened in the presence of tenderers or their authorized representatives, who are present. Late and delayed tenders will not be opened and such tenders will stand summarily rejected.

Opening of Price Bid Part 2 of the bid Online: After verification of Technical Bid Part 1, Price Bid of only those tenderers who satisfy all the eligibility criteria laid down in this notification will be opened.

In case any document(s) produced in support of eligibility criteria or any other document(s) turns out to be fraudulent, following will be the course of action:

[a] **Before award of work:** The work will not be awarded, EMD will stand automatically forfeited, and the tenderer will be liable for further action as may be deemed fit; OR

[b] **After award of work:** The award of work will be cancelled, EMD and Security Deposit, Performance guarantee will stand forfeited, and the contractor will be liable for action as deemed fit.

Evaluation of tender: In case two or more tenders are found equal in commercial bids, work will be awarded to the contractor who has executed satisfactorily contracts of higher values based on the certificate of experience submitted along with tender papers assessment carried out by the Institute.

The Director, NITIE, MUMBAI reserves the right to: a) reject any or all the tenders without assigning any reason whatsoever; b) not binding himself/herself to accept the lowest or any tender; and c) accept the whole or any part of the tender and the tenderer shall be bound to perform the same at the rates quoted. Canvassing in connection with tender/quotation is strictly prohibited. Tender details can be viewed on the website <https://www.tenderwizard.com/NITIE> & www.nitie.ac.in & <https://eprocure.gov.in>. Tenders downloaded from the website must be accompanied by requisite tender fee failing which tender will not be considered.

Executive Engineer (I/c)

National Institute of Industrial Engineering (NITIE), Mumbai

Ref. No: NITIE/ESTATE/2021-22

Date: 23.06.2021

e-Tender document

Name of the Work: “Supply and installation of passenger elevators at Old Director’s Office, Anand Vihar and Academic Building at NITIE Mumbai” .

INSTRUCTION TO TENDERERS

The Tender document has Two Parts namely, Technical Bid-Part-I and Commercial Bid-Part-II. Thus herein below the Technical Bid and Commercial Bid will be referred to as Part-I OR Part-II as the case may be.

Failure to comply with any of the conditions laid down herein renders the Tender invalid. All the enclosures/documents will have to be submitted along with Part 1. Any enclosure/document found not submitted along with Part 1 of the Tender such enclosures /documents will not be accepted, at a later stage.

1. Estimated cost of work: Total estimated cost of work is Rs.45,19,407.00 (Rupees Forty Five Lakhs Nineteen Thousand Four Hundred Seven only) (excluding GST). Details are:

2. **Visit of the Campus:** Tenderers are advised to visit NITIE, MUMBAI campus/premises and ascertain the nature and quantum of work before tendering.

3. Tender fee: The Tender/bid should be submitted in the prescribed proforma for Rs. 1500.00 towards tender fee. (Pay through e-Payment mode online on portal, e-Payment facility are available on website for making the payment through Debit / Credit Card / Net Banking. Tender/bid not accompanied by tender fee stands automatically rejected.

4. Earnest Money Deposit (EMD) – 2% of Estimated Cost of Work (Sr. No.1): EMD of Rs. 90,390.00 (Rupees Ninety Thousand Three Hundred Ninety only) is a must and should be submitted along with the tender/bid. (Pay through e-Payment mode online on portal , e-Payment facility are available on website for making the payment through Debit / Credit Card / Net Banking).

5. EMD of successful bidder will be refunded on completion of contract period and/or extended period. EMD will not bear any kind of interest. EMD of unsuccessful bidder/s will be refunded on deciding after finalization of the contract. Tenders received without valid EMD stand automatically rejected. (Pay through e-Payment mode online on portal , e-Payment facility are available on website for making the payment through Debit / Credit Card / Net Banking).

6. Tender Fee should be separate and should not be combined with EMD. Upload the Online e-Payment Receipt. (Pay through e-Payment mode online on portal , e-Payment facility are available on website for making the payment through Debit / Credit Card / Net Banking).

Tender should be submitted online only.

Technical Bid Forms and Documents scan copies should be submitted online only.

7. **Security Deposit:** Security Deposit @10% will be deducted as specified in the tender document.

7.1. Refund of Security Deposit: Security Deposit thus recovered will be refunded as specified in the tender document.

8. Acceptance of tender conditions: The tenderer should read the 'General Terms and Conditions' of NITIE, MUMBAI annexed hereto and give acceptance. The tenderer is advised to visit the NITIE, MUMBAI on any working day with prior intimation between 1000 hours and 1600 hours to assess the nature and quantum of work before tendering.

9. Filling tender documents: The tender should be clearly filled or typed and signed in ink legibly giving full address and contact details of the tenderer. The tenderer should quote in figures as well as in words the amount tendered by him. Alteration if any, unless legibly attested by the tenderer with full signature shall invalidate the tender. Tender should be duly signed by the authorized person(s). In case there is any difference in the amount between figures and words, the amount indicated in words will be treated as valid offer. The tenderer should ensure that the figures of amounts are written in such a way that interpolation is not possible. No blank space should be left.

This notice is also available on website NITIE e-Tender & on NITIE website :<https://www.tenderwizard.com/NITIE> & www.nitie.ac.in for downloading of tender documents.

The Tender document can be downloaded from NITIE e-Procurement Website i.e, <https://www.tenderwizard.com/NITIE> or From NITIE Official website . The tender should be submitted through online mode only .

NITIE reserves the right to reject any or all tenders without assigning any reason thereof. This notice & tender document is also available on web-site: <https://www.tenderwizard.com/NITIE> , www.nitie.ac.in & CPP Portal for downloading of tender documents.

Standard e-Tender Terms & Conditions For NITIE e-Procurement .

NITIE e-Procurement Website are : <https://www.tenderwizard.com/NITIE>.

1. The details of tender notification can be downloaded from www.tenderwizard.com/NITIE under "Tender of NITIE " link in the homepage.

Vendors should obtain the USER ID and PASSWORD from www.tenderwizard.com/NITIE by clicking on "Enrolment" link in the homepage. The Vendor registration fees has to be paid to ITI Ltd for Rs. 2360/-. Using the e-Payment link provided at the time of registration, and the mode of payments are Credit Card, Debit Card and Internet Banking. Vendor Registration is Valid for 1year.

2. For further details on e-Tender participation, please contact ITI Help desk on :

- Telephone: 080 - 40482100 (Bangalore) & Sanjay KC – Mumbai & Maharashtra (09665721619) Email : sanjay.kc@etenderwizard.com

- Email: harishkumar.kb@etenderwizard.com, ambasa@etenderwizard.com.

3. Tenders should be submitted only through e-Tender portal and obtain the Tender Acknowledgement copy as a proof of successful submission.

INFORMATION & INSTRUCTIONS TO THE BIDDERS

FOR USING ONLINE ELECTRONIC TENDERING SYSTEM (eTS)

Special Conditions & instructions for using online Electronic Tendering System :

e-Tenders through portal (website) <http://www.tenderwizard.com/NITIE> adopted by NITIE , Mumbai .Vendor Registration Fees Rs.2,000/-+ 18%(GST) through e-Payment Gateway on NITIE e-Procurement Portal i.e., <https://www.tenderwizard.com/NITIE>

Note: The e-Payment Gateway are available on e-Procurement Portal for making the Online Vendor Registration Payment.

Bidders are required to Enroll for Vendor Registration on the NITIE e-Procurement Tender wizard Portal (URL: <https://www.tenderwizard.com/NITIE>) by clicking on the link “Enrolment ” on the home page of e- Portal which is chargeable. (Rs.2000/- + GST(18%)(Non-Refundable) to be paid online by e-payment gateway).

The bidders are required to submit soft copies of their bids electronically on the NITIE Tender Wizard e-Procurement Portal, using valid Class III Digital Signature Certificates. The step by step instructions about e-Tender Process are given in “Vendor Help Manual “ .

Class III Digital Signature Certificate are mandatory for e-Tender /e-Procurement . For Digital Signature Certificate Contact to above number of Mr.Sanjay Chandak (Mumbai , Pune & Maharashtra)

Note: Information about e-Procurement Portal.

More information useful for submitting online bids on the NIA e-Procurement Tenderwizard Portal may be obtained at: <https://www.tenderwizard.com/NITIE> . N.B: Bidders can download the Vendor’s manual by visiting on home page of NITIE e-Procurement Website : <https://www.tenderwizard.com/NITIE>.

KEY INSTRUCTIONS for BIDDERS by clicking on “Latest Circulars/Formats/Help Manuals/Faq”. The complete Step by Step “Vendors Help Manual For e-Procurement / e-Tendering Process , Vendors Registration Process , System Settings Requirements & JAVA Settings Manuals , e-Payment Guidelines” & “Digital Signature Certificate Process” this details are available on NITIE e-Procurement Website for e-Tenders.

Note: Online Support / Web Support / E-Mail Support / Phone Support are also available for Bidders as well as Department Officials . Online support through “Team viewer” , “Ammy Admin “ Or “Any Desk” Remote software only. For Downloading this software , the downloading software links are available on home page of NITIE e-Procurement Website.

1. Technical & Financial Bid to be submitted online within the due date.
2. Tenders should be submitted only through e-Tender portal and obtain the Tender Acknowledgement copy as a proof of successful submission.
3. All prospective bidders are requested to visit our NITIE E-PROCUREMENT WEBISTE regularly for any such updates / corrigendums.
4. Please see attached e-Tender Documents ...

10. **PART – 1 (Technical Bid) :** (All the Technical Documents Scan copies should be uploaded online also) (All the Technical Documents Scan copies should be uploaded online also)

Eligibility details should be provided in the prescribed format as Annexure ‘A’ which should inter also contain the following: (All the Technical Documents Scan copies should be uploaded online also)

10.1. Registration: The Tenderer should be a registered contractor under ‘The Contract Labour (Regulation and Abolition) Act’ and should furnish a copy of the existing or previous licence.

10.2. Experience: The Tenderer should have experience of having executed/ completed similar works during the last 5 years commencing on 1st April, 2016 and ending on 31st March, 2021 in educational institution of repute, Government, Autonomous Bodies, PSU, or R&D organization. Experience in other institutions as also experience in other areas of work will not be considered. The experience should be one of the following:

- a. Three similar completed works during the last 5 years, each costing not less 40% of the estimated cost OR
- b. Two similar completed works during the last 5 years, each costing not less than 60% of the estimated cost OR
- c. One similar completed work during the last 5 years costing not less than 80% of the estimated cost

Note 1: Experience prior to 1st April, 2016 and later than 31st March, 2021 will not be considered as experience.

Note 2: "Similar work" means supply and installation of passenger type elevators.

10.3. Certificate of experience: The tenderer must produce certificate of experience from the clients. The certificate should clearly certify the following details:

- | Sl. | Description |
|-----|---|
| 1. | Name of the client and full address |
| 2. | Telephone, FAX number and Email of the client |
| 3. | Details of work performed |
| 4. | Number and type of Labour supplied |
| 5. | Value of contract |

Note 1: Copy of work order and/or self-certified certificate WILL NOT BE ACCEPTED as certificate of experience. If any document other than certificate of experience is produced, such document WILL NOT BE ACCEPTED AS RELEVANT. Tenders not accompanied by certificate of experience issued by the client WILL AUTOMATICALLY STAND DISQUALIFIED.

Note 2: The certificate of experience should be exclusively for supply and installation of passenger tyoe elevators.

Note 4: Certificates containing a number of works and not clearly specifying the value of the work WILL NOT BE ACCEPTED.

10.4. PAN details of the firm are required to be indicated along with a certified copy.

10.4.1 indicated along with a certified copy.

10.4.2 An affidavit, in original, duly certified by a Notary: [a) that the Partners of the firm or sole proprietor or Company as the case may be, has never been black-listed and the name of the firm or company has not been changed, [b] that there is no police case/vigilance enquiry pending against the Partners of the firm or sole proprietor or Company as the case may be, and that he/she has never been punished by any Hon'ble Court; and [c] that there are 'no due' pending for payment towards income tax as on the date of the affidavit.

Tender submission through online mode only.

10.5 Annexure 'A', 'B', and General Terms & Conditions: The tenderer shall submit the information sought in the format enclosed as Annexure 'A' and 'B' along with necessary enclosures as part of Eligibility Criteria along with the General Terms & conditions (duly filled in and signed). Scan Copies and Forms should be uploaded online also.

10.6 Attestation of documents by the contractor: All the documents, except affidavit mentioned in paragraph 10.5 above, submitted by the tenderer should be attested by the contractor. And same scan copies should be submitted online also.

10.7 Producing originals documents for verification: All above concerned original documents should be produced for verification at any stage of tender process or as and when sought for, failing which the bids are liable for disqualification.

EXECUTIVE ENGINEER (I/c)

Annexure - A

Eligibility Criteria

[Information should be submitted in this format in the letterhead of the tenderer, all the Annexures should be numbered, and also page number should be prominently written on each page](scan copies should be uploaded online also)

The below all documents scan copies should be uploaded online also. The below Formats are available in EXCEL format also on website, vendors need to download and same should be filled and upload the same online.

Details and documents to be mandatorily submitted-

Sl. No.	Description	Details
1	Name of Firm/Tenderer/Company (in Block	
2	Permanent Address & Telephone No.	
3	Full Postal Address, Telephone, Fax No. & E-mail	

Sl. No.	Description	Details.
1	Details of infrastructure	
2	Photo copy of TAN/PAN.	
3	Photo copy of GST registration.	

Experience – Attach separate experience certificate for each client (Proforma to be submitted in the letter head of the Contractor:

Sl. No.	Name of the client	Name of the Work	Completion Period	Date of commencement	Date of completion	Value of the work completed	Contact person and Contact No. & email	Annexure No.
1								
2								
3								
4								
5								

Important: Only certificates issued by the clients in letter head with date of issue and containing requisite details **will be considered**. Copies of – work orders, extension letters, bills, and the like **will not be considered**.

The successful tenderer has to submit the following documents before award of work:

1	Valid Solvency certificate for minimum of 40% of the estimated cost from the Nationalized/Scheduled Bank (Annexure – L)
2	Last Three Years Audited Balance Sheet and Profit/Loss A/c for 2018-19, 2019-20 and 2020-21.
3	Photo copy of Income Tax Return for the last three years.

Date:

Signature of Tenderer, Seal & address

Annexure - B

Eligibility Criteria - Details of Infrastructure [*Information should be submitted in this format on the letterhead of the tenderer*]

Sl.	Description	
1	Address of the Head/Registered office	
2	Addresses of branch office(s), if any	

Details of personnel available in head office and branch office(s):

Name	Designation	Duties assigned

List of clients other than those mentioned in Annexure 'A' (no certificate required)

Name and address of the client	Type of work done	Duration of work Years and Months

Date:

Signature of Tenderer, Seal & address

NOTICE INVITING E-TENDER

Executive Engineer (I/c) NITIE, Mumbai-400 087 invites Item Rate e-Tenders in two parts (part-I Technical, Part-II Financial Bid) from OEMs of following lifts only i.e **M/s Otis Elevator Co. (India) Limited, M/s KONE Elevator India Pvt. Ltd., M/s Schindler India Pvt. Ltd., M/s Johnson Lifts Pvt. Ltd., M/s Mitsubishi Elevator India Limited and M/s Thyssenkrupp Elevator (India) Pvt. Limited**, who must have completed satisfactorily one similar work of value not less than Rs.36,15,526.00 or two similar works each of value not less than Rs.27,11,644.00 or three similar works each of value not less than Rs.18,07,763.00 in Govt./Semi Govt./ Autonomous body organizations during last seven years ending on date 31/03/2021 for the subject work. Similar nature works means S/I/T/C of lifts. “The manufacture shall give an undertaking that they will continue to maintain the lifts and supply the spares for the average life of 20 years” Tender documents will not be issued without the documentary proof as required.

1. NIT No. : NITIE/ESTATE/2021-22
2. Name of Work : **Supply and installation of passenger elevators at Old Director’s Office, Anand Vihar and Academic Building at NITIE Mumbai.**
3. Estimated Cost : **Rs. 45,19,407.00 (excluding GST)**
4. Earnest Money : **Rs. 90,390.00**
5. Period of completion : One and half months
6. Tender Fee : Rs. 1500.00
7. Last date of issue of tender form : 14/07/2021 up to 3:00 pm
8. Last date & time of submission technical and financial bid: 15/07/2021 upto 11:00 am
9. Date of opening of tender : 15/07/2021 at 11:30 am
10. Validity period of tenders for acceptance : 180 days from date of opening
11. Place of submission of tenders : Tender box kept in front of the office of Registrar, 1st floor, Admn. Bldg. NITIE

The bid forms and other details can be obtained from the website www.nitie.edu or e-procure.gov.in. For more clarification you may visit on above website and contact 022-28035377.

Executive Engineer (I/c)

INFORMATION AND INSTRUCTIONS FOR LIFT MANUFACTURERS FOR E-TENDERING FORMING PART OF NIT AND TO BE POSTED ON WEBSITE

(Applicable for inviting e-tenders on 2 bid system)

Executive Engineer (I/c) NITIE, Mumbai-400 087 invites Item Rate e-Tenders in two parts (part-I Technical Bid, Part-II Financial Bid) from OEMs of following lifts only i.e **M/s Otis Elevator Co. (India) Limited, M/s KONE Elevator India Pvt. Ltd., M/s Schindler India Pvt. Ltd., M/s Johnson Lifts Pvt. Ltd., M/s Mitsubishi Elevator India Limited and M/s Thyssenkrupp Elevator (India) Pvt. Limited**, who must have completed satisfactorily one similar work of value not less than Rs.36,15,526.00 or two similar works each of value not less than Rs.27,11,644.00 or three similar works each of value not less than Rs.18,07,763.00 in Govt./Semi Govt./ Autonomous body organizations during last seven years ending on date 31/03/2021 for the subject work. Similar nature works means S/I/T/C of lifts. “The manufacture shall give an undertaking that they will continue to maintain the lifts and supply the spares for the average life of 20 years”. Tender documents will not be issued without the documentary proof as required.

Sr. No.	NIT No.	Name of work & Location	Estimated cost put to tender	Earnest Money	Period of completion	Last date & time of submission of technical & financial bid	Time and date of opening of technical bid
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	NITIE/ESTATE/2021-22	Supply and installation of passenger elevators at Old Director's Office, Anand Vihar and Academic Building at NITIE Mumbai	Rs. 45,19,407.00 (excluding GST)	Rs. 90,390.00	One and half months	15/07/2021, up to 11:00 am.	15/07/2021, at 11:30 am

The successful tenders shall be required to submit a performance guarantee of 5% of the tendered amount in the form of the Bank Guarantee or F.D.R. from a Nationalized / Scheduled Bank within 15 days of issue of letter of intent before award of the work. In case

of failure by the contractor to supply the performance guarantee within the specified period. Full earnest money will be forfeited and the tender shall be treated as void. The performance guarantee shall be initially valid up to the stipulated date of completion plus 60 (sixty) days beyond that.

1. Lift manufacturers who fulfill the following requirements shall be eligible to apply. Joint ventures are not accepted.
“Similar work” shall mean works of S/I/T/C of lifts. The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum; calculated from the date of completion to last date of receipt of applications for tenders.
2. The intending bidder must read the terms and conditions carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
3. Information and Instructions for bidders posted on website shall form of bid document.
4. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website www.nitie.edu/www.nitie.ac.in or e-procure.gov.in.
5. Certificate of Financial Turn Over: At the time of submission of bid contractor may submit Certificate from CA mentioning Financial Turnover of last 3 years or for the period as specified in the bid document and further details if required may be asked from the contractor after opening of technical bids.
 - 5.1 Turnover:- Average annual financial turn over on construction works should be at least 30% of the estimate cost during the immediate last 3 consecutive financial year.
 - 5.2 Solvency Certificate:- Solvency of the amount equal to 40% of the estimated cost of the work.
6. Contractor must ensure to quote rate of each item.
7. The 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 Eligibility Criterion shall be communicated to them at a later date.
8. The institute reserves the right to reject any prospective application without assigning any reason.

List of scanned copy of the document to be submitted along with the bid:

1. Proof of payment against EMD and tender fee.
2. Certificate of work experience.
3. Certificate of Registration for GST and acknowledgement of up to date filed return.
4. Acceptance to execute INTEGRITY PACT.
5. Bank solvency certificate & certified turnover documents.

NOTICE INVITING E-TENDER

Item rate e-tenders in two parts (part-I Technical Bid, Part-II Financial Bid) are invited on behalf of The Director, NITIE Mumbai - 400 087 from OEMs of following lifts only i.e **M/s Otis Elevator Co. (India) Limited, M/s KONE Elevator India Pvt. Ltd., M/s Schindler India Pvt. Ltd., M/s Johnson Lifts Pvt. Ltd., M/s Mitsubishi Elevator India Limited and M/s Thyssenkrupp Elevator (India) Pvt. Limited**, who must have completed satisfactorily one similar work of value not less than Rs. 36,15,526.00 or two similar works each of value not less than Rs. 27,11,644.00 or three similar works each of value not less than Rs. 18,07,763.00 in Govt./Semi Govt./ Autonomous body organizations during last seven years ending on date 31/03/2021 for the subject work.

1. Criteria of eligibility for submission of bid documents.

Criteria of eligibility for CPWD as well as non-CPWD contractors.

1.1 Three similar works each of value not less than 40% of estimated cost or two similar work each of value not less than 60% of estimated cost or one similar work of value not less than 80% of estimated cost (rounded to nearest Rs. 100/-) in last 7 years ending last day of the month previous to the one in which the tenders are invited.

1.2 To become eligible for issue of bid, the bidders shall have to furnish an affidavit as under :-

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

2. Agreement shall be drawn with the successful bidders on prescribed Form. Bidders shall quote their rates as per various terms and conditions of the said form which will form part of the agreement.
3. The time allowed for carrying out the work will be as per Tender Notice from the date of start as defined in schedule or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the bid documents.
4. The site for the work is available OR The site for the work shall be made available in parts.
5. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents except Standard General Conditions of Contract Form can be seen from the web Site www.nitie.edu/www.nitie.ac.in or e-procure.gov.in.
6. Earnest Money in the form as specified in the e-Tender document.
7. The time & date of submission & opening of financial bid of contractors qualifying the technical bid shall be communicated to them at a later date.

8. The contractor whose bid is accepted will be required to furnish performance guarantee of 5% (Five Percent) of the bid amount within the period specified in Schedule. This guarantee shall be in the form of Banker' cheque of any scheduled bank/ Demand Draft of any scheduled bank/Pay order of any Scheduled Bank or Government Securities or Fixed Deposit Receipts or irrevocable Bank Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor.
9. Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and subsoil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidder implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.
10. The competent authority on behalf of the Director does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidder shall be summarily rejected.
11. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable to rejection.
12. The competent authority on behalf of Director reserves to himself the right of accepting the whole or any part of the bid and the bidder shall be bound to perform the same at the rate quoted.
13. The contractor shall not be permitted to bid for works in the NITIE Mumbai 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 Executive Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazette officer in the NITIE Mumbai. Any breach of this condition by the contractor would render him liable to be debarred from bidding process in future in NITIE Mumbai.

14. No Engineer of gazetted rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Institute of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. This contracts liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the contractor's service.
15. The bid for the works shall remain open for acceptance for a period of one hundred eighty (180) days from the date of opening of financial 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 institute, then the NITIE Mumbai shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the bidder shall not be allowed to participate in the re-bidding process of the work.
16. This notice inviting bid shall form a part of the contract document. The successful bidder /contractor, on acceptance of his bid by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of:-
 - (a) The Notice Inviting Bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.
17. In case any discrepancy is noticed in the documents submitted, then the bid submitted shall become invalid and the NITIE Mumbai shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the bidder shall not be allowed to participate in the the re-bidding process of the work.

INTEGRITY PACT

(The scan copy should be uploaded online also)

To,

.....,

.....,

.....

Sub: NIT No. NITIE/ESTATE/2021-22 for the work of Supply and installation of passenger elevators at Old Director’s Office, Anand Vihar and Academic Building at NITIE Mumbai.

Dear Sir,

It is here by declared that NITIE Mumbai is committed to follow the principle of transparency, equity and competitiveness in public procurement.

The subject Notice Inviting Tender (NIT) is an invitation to offer made on the condition that the Bidder will sign the integrity Agreement, which is an integral part of tender/bid documents, failing which the tenderer/bidder will stand disqualified from the tendering process and the bid of the bidder would be summarily rejected.

This declaration shall form part and parcel of the Integrity Agreement and signing of the same shall be deemed as acceptance and signing of the Integrity Agreement on behalf of the NITIE Mumbai.

Yours faithfully,

Executive Engineer (I/c)

INTEGRITY PACT

To,

Executive Engineer (I/c)

NITIE Mumbai,

Mumbai – 400 087

Subject: Submission of Bid for the work of Supply and installation of passenger elevators at Old Director's Office, Anand Vihar and Academic Building at NITIE Mumbai.

Dear Sir,

I/We acknowledge that NITIE Mumbai is committed to follow the principles thereof as enumerated in the Integrity Agreement enclosed with the tender/bid document.

I/We agree that the Notice Inviting Tender (NIT) is an invitation to offer made on the condition that I/We will sign the enclosed integrity Agreement, which is an integral part of tender / bid documents, failing which I/We will stand disqualified from the tendering process. I/We acknowledge that THE MAKING OF THE BID SHALL BE REGARDED AS AN UNCONDITIONAL AND ABSOLUTE ACCEPTANCE of this condition of the NIT.

I/We confirm acceptance and compliance with the Integrity Agreement in letter and spirit and further agree that execution of the said Integrity Agreement shall be separate and distinct from the main contract, which will come into existence when tender/bid is finally accepted by NITIE Mumbai. I/We acknowledge and accept the duration of the Integrity Agreement, which shall be in the line with Article 1 of the enclosed Integrity Agreement.

I/We acknowledge that in the event of my/our failure to sign and accept the Integrity Agreement, while submitting the tender/bid, NITIE Mumbai shall have unqualified, absolute and unfettered right to disqualify the tenderer/bidder and reject the tender/bid in accordance with terms and conditions of the tender/bid.

Yours faithfully

(Duly authorized signatory of the Bidder)

INTEGRITY PACT

To be signed by the bidder and same signatory competent/Authorized to
sign the relevant contract on behalf of NITIE Mumbai
INTEGRITY AGREEMENT

This Integrity Agreement is made at on this day of..... 20.....

BETWEEN

The Director, NITIE Mumbai represented through Executive Engineer (I/c) NITIE Mumbai.
(Hereinafter referred as the '**Principal/Owner**', which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)

AND

.....
(Name and Address of the Individual/firm/Company)

through (Hereinafter referred to as the
(Details of duly authorized signatory)

"Bidder/Contractor" and which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)

Preamble

WHEREAS the Principal / Owner has floated the Tender (**NITIE/ESTATE/2021-22**) (hereinafter referred to as "**Tender/Bid**") and intends to award, under laid down organizational procedure, contract for **Supply and installation of passenger elevators at Old Director's Office, Anand Vihar and Academic Building at NITIE Mumbai** hereinafter referred to as the "**Contract**".

AND WHEREAS the Principal/Owner values full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness/transparency in its relation with its Bidder(s) and Contractor(s). AND WHEREAS to meet the purpose aforesaid both the parties have agreed to enter into this Integrity Agreement (hereinafter referred to as "**Integrity Pact**" or "**Pact**"), the terms and conditions of which shall also be read as integral part and parcel of the Tender/Bid documents and Contract between the parties.

INTEGRITY PACT

NOW, THEREFORE, in consideration of mutual covenants contained in this Pact, the parties hereby agree as follows and this Pact witnesses as under:

Article 1: Commitment of the Principal/Owner

1) The Principal/Owner commits itself to take all measures necessary to prevent corruption and to observe the following principles:

(a) No employee of the Principal/Owner, personally or through any of his/her family members, will in connection with the Tender, or the execution of the Contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.

(b) The Principal/Owner will, during the Tender process, treat all Bidder(s) with equity and reason. The Principal/Owner will, in particular, before and during the Tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential / additional information through which the Bidder(s) could obtain an advantage in relation to the Tender process or the Contract execution.

(c) The Principal/Owner shall Endeavour to exclude from the Tender process any person, whose conduct in the past has been of biased nature.

2) If the Principal/Owner obtains information on the conduct of any of its employees which is a criminal offence under the Indian Penal code (IPC)/Prevention of Corruption Act, 1988 (PC Act) or is in violation of the principles herein mentioned or if there be a substantive suspicion in this regard, the Principal/Owner will inform the Chief Vigilance Officer and in addition can also initiate disciplinary actions as per its internal laid down policies and procedures.

Article 2: Commitment of the Bidder(s)/Contractor(s)

1) It is required that each Bidder/Contractor (including their respective officers, employees and agents) adhere to the highest ethical standards, and report to the Government / Institute all suspected acts of **fraud or corruption or Coercion or Collusion** of which it has knowledge or becomes aware, during the tendering process and throughout the negotiation or award of a contract.

2) The Bidder(s)/Contractor(s) commits himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the Tender process and during the Contract execution:

a) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal/Owner's employees involved in the Tender process or execution of the Contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the Tender process or during the execution of the Contract.

b) The Bidder(s)/Contractor(s) will not enter with other Bidder(s) into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to cartelize in the bidding process.

c) The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act. Further the Bidder(s)/Contractor(s) will not use improperly, (for the purpose of competition or personal gain), or pass on to others, any information or documents provided by the Principal/Owner as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

d) The Bidder(s)/Contractor(s) of foreign origin shall disclose the names and addresses of agents/representatives in India, if any. Similarly Bidder(s)/Contractor(s) of Indian Nationality shall disclose names and addresses of foreign agents/representatives, if any. Either the Indian agent on behalf of the foreign principal or the foreign principal directly could bid in a tender but not both. Further, in cases where an agent participate in a tender on behalf of one

manufacturer, he shall not be allowed to quote on behalf of another manufacturer along with the first manufacturer in a subsequent/parallel tender for the same item.

- e) The Bidder(s)/Contractor(s) will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the Contract.

3) The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

4) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm indulge in fraudulent practice **means a wilful misrepresentation or omission of facts or submission of fake/forged documents in order to induce public official to act in reliance thereof, with the purpose of obtaining unjust advantage by or causing damage to justified interest of others and/or to influence the procurement process to the detriment of the Government interests.**

5) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm use Coercive Practices (means the act of obtaining something, compelling an action or influencing a decision through intimidation, threat or the use of force directly or indirectly, where potential or actual injury may befall upon a person, his/ her reputation or property to influence their participation in the tendering process).

Article 3: Consequences of Breach

Without prejudice to any rights that may be available to the Principal/Owner under law or the Contract or its established policies and laid down procedures, the Principal/Owner shall have the following rights in case of breach of this Integrity Pact by the Bidder(s)/Contractor(s) and the Bidder/Contractor accepts and undertakes to respect and uphold the Principal/Owner's absolute right:

1) If the Bidder(s)/Contractor(s), either before award or during execution of Contract has committed a transgression through a violation of Article 2 above or in any other form, such as to put his reliability or credibility in question, the Principal/Owner after giving 14 days notice to the contractor shall have powers to disqualify the Bidder(s)/Contractor(s) from the Tender process or terminate/determine the Contract, if already executed or exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of transgression and determined by the Principal/Owner. **Such exclusion may be forever or for a limited period as decided by the Principal/Owner.**

2) **Forfeiture of EMD/Performance Guarantee/Security Deposit:** If the Principal/Owner has disqualified the Bidder(s) from the Tender process prior to the award of the Contract or terminated/determined the Contract or has accrued the right to terminate/determine the Contract according to Article 3(1), the Principal/Owner apart from exercising any legal rights that may have accrued to the Principal/Owner, may in its considered opinion forfeit the entire amount of Earnest Money Deposit, Performance Guarantee and Security Deposit of the Bidder/Contractor.

3) **Criminal Liability:** If the Principal/Owner obtains knowledge of conduct a Bidder or Contractor, or of an employee or a representative or an associate of a Bidder or Contractor which constitutes corruption within the meaning of IPC Act, or if the Principal/Owner has substantive suspicion in this regard, the Principal/Owner will inform the same to law enforcing agencies for further investigation.

Article 4: Previous Transgression

1) The Bidder declares that no previous transgressions occurred in the last 5 years with any other Company in any country confirming to the anticorruption approach or with Central Government or State Government or any other Central/ State Public Sector Enterprises in India that could justify his exclusion from the Tender process.

2) If the Bidder makes incorrect statement on this subject, he can be disqualified from the Tender process or action can be taken for banning of business dealings/ holiday listing of the Bidder/Contractor as deemed fit by the Principal/ Owner.

3) If the Bidder/Contractor can prove that he has resorted / recouped the damage caused by him and has installed a suitable corruption prevention system, the Principal/Owner may, at its own discretion, revoke the exclusion prematurely.

Article 5: Equal Treatment of all Bidders/Contractors/Subcontractors

1. The Bidder(s)/Contractor(s) undertake(s) to demand from all subcontractors a commitment in conformity with this Integrity Pact. The Bidder/Contractor shall be responsible for any violation(s) of the principles laid down in this agreement/Pact by any of its Sub-contractors/sub-vendors.
2. The Principal/Owner will enter into Pacts on identical terms as this one with all Bidders and Contractors.
3. The Principal/Owner will disqualify Bidders, who do not submit, the duly signed Pact between the Principal/Owner and the bidder, along with the Tender or violate its provisions at any stage of the Tender process, from the Tender process.

4. Article 6- Duration of the Pact

5. This Pact begins when both the parties have legally signed it. It expires for the Contractor/Vendor 12 Months after the completion of work under the contract or till the continuation of defect liability period, whichever is more and for all other bidders, till the Contract has been awarded.
6. If any claim is made/lodged during the time, the same shall be binding and continue to be valid despite the lapse of this Pacts as specified above, unless it is discharged/determined by the Competent Authority, NITIE Mumbai.

7. Article 7- Other Provisions

1. This Pact is subject to Indian Law, place of performance and jurisdiction is the Head Quarters of the Division of the Principal/Owner, who has floated the Tender.
2. Changes and supplements need to be made in writing. Side agreements have not been made.
3. If the Contractor is a partnership or a consortium, this Pact must be signed by all the partners or by one or more partner holding power of attorney signed by all partners and consortium members. In case of a Company, the Pact must be signed by a representative duly authorized by board resolution.
4. Should one or several provisions of this Pact turn out to be invalid, the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intentions.
5. It is agreed term and condition that any dispute or difference arising between the parties with regard to the terms of this Integrity Agreement / Pact, any action taken by the Owner/Principal in accordance with this Integrity Agreement/ Pact or interpretation thereof shall not be subject to arbitration.

Article 8- LEGAL AND PRIOR RIGHTS

All rights and remedies of the parties hereto shall be in addition to all the other legal rights and remedies belonging to such parties under the Contract and/or law and the same shall be deemed to be cumulative and not alternative to such legal rights and remedies aforesaid. For the sake of brevity, both the Parties agree that this Integrity Pact will have precedence over the Tender/Contact documents with regard any of the provisions covered under this Integrity Pact.

IN WITNESS WHEREOF the parties have signed and executed this Integrity Pact at the place and date first above mentioned in the presence of following witnesses:

.....

(For and on behalf of Principal/Owner)

.....

(For and on behalf of Bidder/Contractor)

WITNESSES:

1.

(signature, name and address)

2.

(signature, name and address)

Place:

Dated:

NATIONAL INSTITUTE OF INDUSTRIAL ENGINEERING (NITIE)

VIHAR LAKE, MUMBAI-400 087

Item Rate Tender

Tender for Work of: - Supply and installation of passenger elevators at Old Director's Office, Anand Vihar and Academic Building at NITIE Mumbai.

1. To be submitted by 11:00 am hours on 15.07.2021

2. To be opened as per e-Tendering process in presence of bidders who may be present Online at 11:30 AM hours on 15.07.2021

Issued to

Signature of officer issuing the documents

Designation

Date of Issue

TENDER

I/We have read and examined the notice inviting tender, schedule, Specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clauses of contract, Special conditions, Schedule of Rate & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified for the Director, NITIE Mumbai, Vihar Lake, Mumbai – 400 087 within the time specified in Schedule 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 one hundred eighty (180) days from the due date of its opening / ninety days from the date of opening of financial bid in case tenders are invited on 2 envelop system (**strike out as the case may be**) and not to make any modification in its terms and conditions.

A sum of **Rs. 90,390.00** is hereby paid as specified in the e-Tender in favour of **NITIE Mumbai**, as earnest money. If I/We, fail to furnish the prescribed performance guarantee within prescribed period, I/We agree that the The Director NITIE Mumbai or his successors, in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/We fail to commence work as specified, I/We agree that The Director NITIE Mumbai or the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained. Further, I/We agree that in case of forfeiture of Earnest Money & 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 Institute, then I/We shall be debarred for tendering in NITIE Mumbai, in future forever. Also, if such a violation comes to the notice of Institute before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.

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

Dated:

Signature of Contractor

Witness:

Postal Address

Address:

Occupation:

ACCEPTANCE

(The Scan Copy Should be Uploaded online also)

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for an on behalf of The Director NITIE Mumbai for a sum of

(Rupees.....).

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

- (a)
- (b)
- (c)

For & on behalf of Director NITIE Mumbai

Signature

Date:

Designation :.....

Form of Earnest Money Deposit

Bank Guarantee Bond

WHEREAS, contractor(Name of contractor) (hereinafter called "the contractor") has submitted his tender dated (date) for the construction of(name of work) (hereinafter called "the Tender")

KNOW ALL PEOPLE by these presents that we(name of bank) having our registered office at (hereinafter called "the Bank") are bound unto

NITIE Mumbai in the sum of Rs. (Rs. In words) for which payment well and truly to be made to NITIE Mumbai the Bank binds itself, his successors and assigns by these presents.

SEALED with the Common Seal of the said Bank thisday of 20... .

THE CONDITIONS of this obligation are:

(1) If after tender opening the Contractor withdraws, his tender during the period of validity of tender (including extended validity of tender) specified in the Form of Tender;

(2) If the contractor having been notified of the acceptance of his tender by the Institute:

(a) If fails or refuses to execute the Form of Agreement in accordance with the Instructions to contractor, if required:

OR

(b) If fails or refuses to furnish the Performance Guarantee, in accordance with the provisions of tender document and Instructions to contractor,

OR

(c) If fails or refuses to start the work, in accordance with the provisions of the contract and Instructions to contractor,

OR

(d) If fails or refuses to submit fresh Bank Guarantee of an equal amount of this Bank Guarantee, against Security Deposit after award of contract.

We undertake to pay to the Engineer-in-Charge up to the above amount upon receipt of his first written demand, without the Engineer-in-Charge having to substantiate his demand, provided that in his demand the Engineer-in-Charge will note that the amount claimed by him is due to him owing to the occurrence of one or any of the above conditions, specifying the occurred condition or conditions.

This Guarantee will remain in force up to and including the date* after the deadline for submission of tender as such deadline is stated in the Instructions to contractor or as it may be extended by the Engineer-in-Charge, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this Guarantee should reach the Bank not later than the above date.

DATE

SIGNATURE OF THE
BANK

WITNESS

SEAL

(SIGNATURE, NAME AND ADDRESS)

*Date to be worked out on the basis of validity period of 6 months from last date of receipt of tender.

Name of Work: - Supply and installation of passenger elevators at Old Director's Office, Anand Vihar and Academic Building at NITIE Mumbai.

Special Conditions

1 General

1.1 This specification covers manufacture, testing as may be necessary before dispatch, delivery at site, all preparatory work, assembly and installation, final testing, commissioning, As per CPWD General specifications for Electrical work Part-III (Lift and Escalator), Part-I (Internal), Part-II (External) with upto date correction.

1.2 The work shall be executed as per CPWD General Specifications for Electrical works as amended up to date and as per directions of Engineer-in-charge. These additional specifications and conditions are to be read in the Additional specifications and conditions shall apply. However, nothing extra shall be paid on account of these as the same are to be read along with schedule of quantities for the work.

2 COMMERCIAL CONDITIONS

2.1 Type of contract

The work to be awarded by this tender shall be treated as indivisible works contract.

2.2 Submission of Tender:-

Bidder shall submit the cost of tender documents, earnest money, other documents, price bid in prescribed manner as indicated in e-tender document.

2.3 The tenderers are advised preferably not to deviate from the technical specifications / items, commercial terms and conditions of NIT like terms of payment, guarantee, arbitration clause, escalation etc.

2.4 The institute reserves the right to reject any or all the price bids and call for fresh price tenders as the case may be without assigning any reason.

3. Validity

Tenders shall be valid for acceptance for a period of 180 days from the date of opening of price bid.

4. Completion period

The completion period indicated in the tender documents is for the entire work of planning, designing, supplying, installation, testing, commissioning and handing over of the entire job to the satisfaction of the Engineer-in-charge.

5. SAFETY CODES AND LABOUR REGULATIONS

5.1 In respect of all labour employed directly or indirectly on the work for the performance of the contractor's part of work, the contractor at his own expense, will arrange for the safety provisions as per the statutory provisions, B.I.S. recommendations, factory act, workman's compensation act, CPWD code and instructions issued from time to time. Failure to provide such safety requirements would make the tenderer liable for penalty for Rs. 200/- for each violation. In addition the Engineer-In-Charge shall be at liberty to make arrangements and provide facilities as aforesaid and recover the cost from the contractor.

5.2 The contractor shall provide necessary barriers, warning signals and other safety measures while laying pipelines, cables etc. or wherever necessary so as to avoid accident. He shall also indemnify NITIE Mumbai against claims for compensation arising out of negligence in this respect. Contractor shall be liable, in accordance with the Indian Law and Regulations for any accident occurring due to any cause. The institute shall not be responsible for any accident occurred or damage incurred or claims arising there from during the execution of work. The contractor shall also provide all insurance including third party insurance as may be necessary

to cover the risk. No extra payment would be made to the contractor due to the above provisions thereof.

6 Running in Period, Guarantee and Payment Terms

These shall be as per clauses 1.15, 1.16, 1.17 of CPWD General Specifications as amended to date.

7 Security Deposit

Security deposit shall be deducted from each running bill and the final bill to be the extent of 10 % of the gross amount payable. However the maximum amount of security deposit will be 5 % of the tendered value. The earnest money deposited shall be adjusted against this security deposit. The security deposit shall be released on the expiry of guarantee period stipulated in the contract. Bank guarantee will not be accepted as security deposit.

8 Performance Guarantee

The successful tenderer shall submit an irrevocable performance guarantee of 5% of the tendered amount in addition to other deposits mentioned elsewhere in the contract for his proper performance of the contract agreement within 15 days of issued of letter of acceptance of tender. This guarantee shall be in the form of Demand draft/ Pay order or irrevocable bank guarantee bond of any scheduled bank or the State Bank of India in the specified format or in the form of Government security, fixed deposit pledged in favour of Executive Engineer or as specified in the letter of acceptance of tender. The performance guarantee shall be initially valid up to the stipulated date of completion plus 60 Days beyond. This bank guarantee shall be kept valid till the recording of completion certificate for the work by the competent authority.

Rates

9.1 The rates quoted by the tenderer, shall be firm and inclusive of all taxes (i/c works contract taxes), duties & levies, octroi etc. and all charges for packing forwarding, insurance, freight and delivery, installation, testing, commissioning etc. at site i/c temporary construction of storage, risk, overhead charges, general liabilities / obligations and clearance from concerned authority.

9.2 Octroi duty shall not be paid separately but octroi exemption certificate can be furnished by the institute on demand. However the institute is not liable to re-imburse the octroi duty in case exemption certificates are not honoured by the concerned authorities.

10. COMPLETION PERIOD

The completion period of One and Half Months indicated in the tender documents is for the entire work of planning, designing, installation, testing, commissioning and handing over of the entire system to the satisfaction of the Engineer in charge.

11 COMPLETENESS OF TENDER

All sundry equipment, fittings, unit, assemblies, accessories, hardware items, foundation bolts, termination lugs for electrical connections, cable glands, junction boxes and all other items which are useful and necessary for efficient assembly and installation of equipment and components of the work shall be deemed to have been included in the tender irrespective of the fact whether such items are specifically mentioned in the tender documents or not.

12 STORAGE AND CUSTODY OF MATERIALS

The machine room may be used for storage of materials and equipment. Watch and ward of the stores and their safe custody shall be the responsibility of the contractor till the final taking over the installation by the institute.

13 CARE OF THE BUILDING

Care shall be taken by the contractor while handling and installing the various equipment and components of the work to avoid damage to the building. He shall be responsible for repairing all damages and restoring the same to their original finish at his cost. He shall also remove at his cost all unwanted and waste material arising out of the installation from the site of work.

14 WORKS TO BE ARRANGED BY THE INSTITUTE

Following works shall be arranged by the Institute:

14.1 Space for accommodating all the equipment and components involved in the work.

15 WORKS TO BE DONE BY THE TENDERER

Following works shall be done by the contractor and therefore, their cost shall be deemed to be included in their tendered cost, whether specifically indicated in the schedule of work or not:

- 15.1 Sealing of all floor slab/wall openings with PCC if, provided by the Institute or contractor for pipes and cables, from fire safety point of view, after laying of the same.
- 15.2 Sealing of all wall openings left for duct crossing with brick masonry with plaster.
- 15.3 Painting of all exposed metal surface of equipment and components with appropriate colour.
- 15.4 Making opening in the walls/floors/slabs or modification in the existing openings wherever provided for carrying pipe line, ducts etc.
- 15.5 Providing wooden/metallic frames for fixing grills/ diffusers.
- 15.6 Making good all damages caused to the structure during installation and restoring the same to their original finish.

Any other minor building work required for the successful execution of the system and its operation.

16 Power supply, water supply and Draining

It is clarified that electricity will be provided from the existing connection near building and necessary arrangement for tapping and termination of supply will be done by the contractor. The charges for electricity will be recovered from the running account bill of the contractor as per the bill raised by NITIE Mumbai authorities.

17 Data manual and Drawings to be furnished by the tenderers:

17.1 With Tender

The tenderer shall furnish along with the tender, detailed technical literature, pamphlets and performance data for appraisal and evaluation of the offer.

17.2 After Award of work

The successful tenderer would be required to submit the drawings as per para 1.18.2 within 10 days of award of work for approval before commencement of installation.

18 Data Manual and Drawings to be furnished by the Tenderers:

- 18.1 After Award of work the contractor shall prepare & submit three sets of following drawings and get them approved from the Engineer-in-charge before the start of the work. The approval of drawings however does not absolve the contractor not to supply the equipment/ materials as per agreement, if there is any contradiction between the approved drawings and agreement.

Any other drawings relevant to the work.

18.2 Completion Drawings

- 18.2.1 Three sets of the following laminated drawings shall be submitted by the contractor while handing over the complete site to the Institute. In addition one set will be given on compact disc.

19 Extent of Work

- 19.1 The work shall comprise of entire labour including supervision and all materials necessary to make a complete installation and such tests and adjustments and commissioning as may be required by the institute. The term complete installation shall not only mean major items of the plant and equipment covered by specifications but all incidental sundry components necessary for complete execution and satisfactory performance of installation with all layout charts whether or not those have been mentioned in details in the tender document in connection with this contract.
- 19.2 Minor building works necessary for installation of making of opening in floors or in walls and restoring to their original condition, finish and necessary grouting etc. as required.
- 19.3 Any item required for completion of the project but left inadvertently shall be executed within the quoted rate.
- 19.4 Contractor has to create PCC platform outside the building for fabrication and assembling of duct etc. as no fabrication will be allowed inside the building to avoid the damages and hindrance to other works
- 19.5 Contractor has to construct his own temporary store outside the building till the plant room is not ready and make watch and ward arrangement of the store. The location of the store shall be get approved from Engineer-in-charge.
- 19.6 Contractor has to provide technical assistance as and when required for approval of drawings etc.

20 Inspection and testing: Initial inspection at works and final inspection and testing at site shall be carried out as per chapter 17 of CPWD General Specification for electrical part-III (lifts and escalators) as amended to date may be read along with 17(22) of technical specifications.

21 Validity Tenders shall be valid for acceptance for a period of 180 days from the date of opening of price bid.

22 Compliance with Regulations and Indian Standards, Indemnity & Insurance.

22.1 All works shall be carried out in accordance with relevant regulation, both statutory and those specified by the Indian Standards as detailed in para 1.2 & 1.3 of CPWD General Specifications for civil work-2004.

23 Mobilization Advance:

23.1 No mobilization will be given.

24. Insurance and Storage:

All consignments are to be duly insured up to the destination from warehouse to warehouse at the cost of the contractor. The insurance covers shall be valid till the equipment is handed over duly installed, tested and commissioned.

25. Verification of correctness of Equipment at Destination:

The contractor shall have to produce all the relevant records to certify that the genuine equipment from the manufacturers has been supplied and erected.

26. CLEAN UP WORKS AT SITE

During erection the contractor shall at all times keep the working and storage areas free from waste or rubbish. On completion of erection he shall remove all temporary structures, debris and leave the premises clean to the full satisfaction of the institute.

27. RATES

Rates for each of the items of Schedule of Quantity shall be firm and consolidated for the equipment delivered, installed, commissioned and tested at site including all taxes and levies. Prices shall remain firm and free from variation due to rise and fall in the cost of material equipment. Labour or any other reason whatsoever due to changes in statutory rules and regulations so far as admissible under the conditions of the contract.

28. TERMS OF PAYMENT

The terms of payments shall be as indicated in General Conditions of Contract.

29. PAINTING WORK

The painting should be carried out as required and as per the instruction of the institute. The procedure and the standard colour codes are as follows:

29.1 Cleaning the surface

29.2 Apply a primer coat of red oxide

29.3 Applying two coats of enamel paint of Approved colour code after applying cement primer for plastered surface.

APPENDIX – I

ACCEPTABLE MAKE OF EQUIPMENTS AND MATERIALS		
S. No.	Items	Approved Make
1.	Lift	M/s Otis Elevator Co. (India) Limited, M/s KONE Elevator India Pvt. Ltd., M/s Schindler India Pvt. Ltd., M/s Johnson Lifts Pvt. Ltd., M/s Mitsubishi Elevator India Limited M/s Thyssenkrupp Elevator (India) Pvt. Limited
2.	PVC insulated copper wire (All size)	Finolex / Skyline / Havells / ECKO / I.S.I marked.
3.	Steel conduit is	BEC / NIC/ AKG / ISI marked
4.	PVC conduit	Polypack / AKG / Setia / ISI marked
5.	Batten holder / ceiling rose / call bell & ordinary Switch, Socket /regulator (socket type)	Anchor / Antex / M. KAY / ISI marked
6.	Modular type 5A switch, socket & 15A switch, socket and electronic fan regulator (stepped type)	ROMA / MK / Northwest / LEGRAND / ISI marked
7.	Modular plate & cover	ROMA / MK / Northwest / LEGRAND
8.	Distribution board /MCB / isolator	Havells / Legrand / Standard
9.	MCCB's / S.F.U. switches	L&T / Siemens / ABB / Legrand
10.	Industrial type socket	Crompton / Havells / Standard
11.	Ceiling fans (All Size)	Crompton Greaves / Usha / Havells, Model high speed
12.	Exhaust fans (All size)	GEC Alstom / Crompton greaves / Usha
13.	L.T armoured cable	Havells / Grandlay / ICL / Kalinga premium I.S.I marked
14.	Energy Meters	Havells / Benitex / jaipur, Ammeter & Voltmeter AE / HPL/ Enercon (Conserve)
15.	G.I. pipe	Jindal / TATA (I.S.I Marked)
16.	LED	Philips / OSRAM / CREE/ EDISOM / SEOL / CROMPTON
17.	Decorative classic steel poles	Twinkle / Crompton greaves / Philips / Schrader
18.	LED based street light fitting	Twinkle / Crompton greaves / Philips / Schrader

Note: For any item not covered in the above list, the contractor shall get the samples approved from the Engineer-in-charge before the supply is made.

Manufacture approved brands / makes shall also be acceptable.

GENERAL RULES AND DIRECTIONS

1. Non Judicial stamp paper worth Rs. 10/- (Ten Rupees only) will be submitted by contractor which will have to be signed as token of acceptance.
2. No T & P would be supplied by the Institute and contractor will have to make his own arrangement.
3. The contractors are advised to get acquainted with the proposed work including specifications & site and additional conditions carefully before quoting. No claim of any sort shall be entertained on account of any site conditions and ignorance of specifications & additional conditions.
4. The work shall be carried out as per CPWD General Specification for electrical part-III (lifts and escalators) with upto date correction slips unless otherwise specified in the nomenclature of individual item or in the specification, additional conditions where specifications are silent, the decision of Engineer in Charge shall be final and binding on contractor.
5. The rates quoted by the contractor shall be taken as net and nothing extra shall be paid on any account i.e Royalty, Cartage, Sales Tax & stacking of material required at places etc.
6. The rates for different items of work shall apply for heights & depths, leads & Lifts unless otherwise specified in the agreement or specifications applicable in the agreement.
7. Any damage done by the contractor to any existing item/any part of the building during the course of execution of work shall be made good at his own cost.
8. Articles manufactured by the reputed firms and approved by Engineer in Charge shall only be used. Only articles classified as "First quality" by the manufacturer shall be used unless otherwise specified.
9. The sample of material required in the work brought at site shall be got approved from Engineer in Charge before use in execution of work.
10. The sample of material required for Testing shall be provided at free of cost by the contractor. Testing charges if any shall be borne by the Contractor and shall be reimbursed in case the test results are satisfactory. All other expenditure to be incurred for taking sample, conveyance, packing etc. shall be borne by the contractor.
11. The contractor shall submit a detailed programme of work within 7 days of the date of award of work. The Engineer in Charge can modify the programme and the contractors have to work accordingly.
12. Water and Electricity connections for carrying out the job will be given to the contractor. The contractor will pay for the water and Electricity consumed by him.
13. The contractor shall make his own arrangement for getting the permission with respect to trucks from the Traffic Police.
14. No payment shall be made to contractor for any damage caused by the rain, snowfall or any other natural causes what so ever during the execution of work.
15. Some restrictions may be imposed by the security staff of NITIE Mumbai etc. on the working and or movement of labour & material. **No labour camp/ huts shall be allowed in NITIE Campus. The contractor shall make his own arrangement for labour huts outside the campus.** The contractor shall be bound to follow all such restrictions/ instructions and nothing shall be payable on this account.
16. The contractor shall be fully responsible for the safe custody of the material issued or brought at site by him for doing the work.

17. The Malba/Garbage generated at site due to construction activities shall be removed from the site immediately & shall be disposed off by the contractor.
18. The contractor shall clean the site thoroughly of scaffolding materials, rubbish, equipment left out of his work & dress the site around the building to the complete satisfaction of the Engineer-in-Charge before the work is treated as completed.
19. Due consideration to be made for the credit of the old materials removed in the price bid.
20. Work Contract Tax, income tax, labour cess and other taxes as applicable shall be deducted from the bills of contractor.
21. For item of water proofing Guarantee Bond shall be submitted by contractor as per format provided by NITIE Mumbai.
22. The Contractor will arrange licence for working of these lifts from Electrical Inspectorate Office, Govt. of Maharashtra before handing over the lifts to NITIE Mumbai.

Commercial and Additional Conditions

1.0 General

1.1 This specification covers manufacture, testing as may be necessary before dispatch, delivery at site, all preparatory work, assembly, and installation, commissioning putting into operation of lifts.

1.2 Location

The Lifts / Elevators will be installed at **Old Director's Office, Anand Vihar and Academic Building** at NITIE Mumbai.

The work shall be executed as per CPWD General Specification for Electrical Works (Part III Lifts & Escalators-2003) as per relevant IS amended up to date and as per directions of Engineer-in-charge. These additional specifications are to be read in conjunction with above and in case of variations, specifications given in this additional conditions shall apply. However, nothing extra shall be paid on account of these additional specifications & conditions as the same are to be read along with schedule of quantities for the work.

1.3 The tendered should in his own interest visit the site and familiarise himself with the site conditions before tendering.

1.4 No T & P shall be issued by the Institute and nothing extra shall be paid on account of this.

2.0 Commercial Conditions

2.1 Type of contract

The work to be awarded by this tender shall be treated as indivisible works contract.

2.2 Submission and opening of Tenders:

2.2.1 The tender is in two part:

Part I – Technical Bid

Part II – Price Bid

2.2.2 Tender document for technical-cum-commercial part will be issued to only to OEMs of following lifts only i.e **M/s Otis Elevator Co. (India) Limited, M/s KONE Elevator India Pvt. Ltd., M/s Schindler India Pvt. Ltd., M/s Johnson Lifts Pvt. Ltd., M/s Mitsubishi Elevator India Limited and M/s Thyssenkrupp Elevator (India) Pvt. Limited.**

2.2.3 The tenderers are advised not to deviate from the technical specifications/ items, commercial terms and conditions of NIT like terms of payment, guarantee, arbitration clause, escalation etc. the tenderers with such deviations are liable to be rejected.

2.2.4 The technical-cum-commercial bids only, shall be opened Online first on the due date and time, as specified in e-tender document in the presence of tenderers or their authorized representatives who wish to remain present Online.

2.2.5 Scrutiny / evaluation of the technical-cum-commercial bid shall be done by the institute in consultation with any agency as deemed necessary. In case it is found that the technical-cum-commercial bid of a tenderers is not in line with NIT specifications, requirements and / or contains many deviations, the institute reserves the right to reject the technical bid of such firms(s) without making any reference to the tenderer(s).

2.2.6 Necessary clarification required by the institute shall have to be finished by the tenderer within the time given by the institute for the same. The tenderer will have to depute his representative to discuss to the officer(s) of the institute as and when so desired. In case, in the opinion of the institute a tenderer is taking undue long time in finishing the desired clarifications, his bid will be rejected without making any reference.

- 2.2.7 After obtaining clarification from all the tenderers, the institute may modify the technical & commercial conditions/ specification if required, and will intimate the tenderers whose technical bids are acceptable. The part II of the tender i.e. price bid will be issued to only these firms. The date and time of opening of price bid will be intimate in advance.
- 2.2.8 The part II of the tender i.e. price bid will be opened Online in the presence of the representative of the tenderers who wish to be present Online.
- 2.2.9 The contractor shall be required to submit the bids as per e-tendering process specified in the e-tender document.
- 2.2.10 The tenderers will have to fill up their rates only in the Price bid (part II of the tender).
- 2.2.11 In the price bid, there shall be no conditions whatsoever. In case any tenderer mentions any condition including conditional rebates in their price part, tender shall be rejected forthwith.
- A tenderer will also not be allowed to withdraw or modify any condition at a time after the technical bids have been accepted and the decision to open the price bid has been taken by the institute.
- 2.2.12 The institute reserves the right to reject any or all the price bids and call for fresh prices/ tenders as the case may be without assigning any reason.

3.0 **Terms of payment**

- 3.1 The following percentage of contract rates for the various items included in the contract shall be payable against the stage of work shown herein.
- 3.2 80% after initial inspection and delivery at site in good condition of pro-rate basis.
- 3.3 10% after completion of installation in all respect.
- 3.3 Balance 10% will be paid after testing, commissioning trial run & handing over to the institute for beneficial use.

4 **Rates**

- 4.1 The rate quoted by the tenderer, shall be firm and inclusive of all the taxes (including works contract taxes), duties and levies and all charges for packing forwarding, insurance, freight and delivery, installation, testing, commissioning etc. at site i/c temporary constructional storage, risks, overhead charge general liabilities/ obligations and clearance from local authorities. Octroi duty shall not be paid separately. The institute is not liable to reimburse to Octroi duty in any case.
- 4.2 Excise duty, GST
- The quoted rate should be net inclusive of all taxes.
- 4.2 The contractor has to carry out routine & preventive maintenance for 12 months from the date of handing over. Nothing extra shall be paid.

5.0 **Completeness of tender:**

All sundry equipment, fitting, unit assemblies, accessories, hardware items, foundation bolts, termination lugs for electrical connections, and all other items which are useful and necessary for efficient assembly and installation of equipment and components of the work shall deemed to have been included in the tender irrespectively of the fact whether such items are specifically mentioned in the tender document or not.

- 6.0 For items / equipment requiring initial inspection at manufacturer's works the contractor will intimate the date of testing of equipment at the manufacturer's work before dispatch. The institute also the reserves the right to inspect the fabrication job at factory and the successful tenderer has to make the arrangement for the same. The successful tenderer shall give sufficient advance notice regarding the dates proposed for such tests/ inspection to the institute's representative(s) to facilities his presence during testing/ fabrication. The engineer-

in-charge at his discretion may witness such testing/ fabrication. The cost of engineer's visit to the factory will be borne by the institute. Also equipment may be inspected at the manufacturer's premises, before dispatch to the site by the contractor.

7.0 Storage and custody of material:

The Lifts machine room may be used for storage of custody material and erection equipment if available or else the agency has to make his own arrangement. Watch and ward of the stores and their safe custody shall be the responsibility of the contractor till the final taking over of the installation by the institute.

8.0 Care of the Building:

Care shall be taken by the contractor while handling and installing the various equipment and components of the work avoid damage to the building. He shall be responsible for repairing all damages and restoring the same to their original finish at his cost. He shall also remove at his cost all unwanted and waste material arising out of the installation from the site of work.

9.0 Completion of period

The completion period of **one and half months** indicate in the tender document is for the entire work of planning, designing, supplying, installation, testing, commissioning, and handing over of the entire system to the satisfaction of the engineer-in-charge. This is a time bond work and is to be completed in the stipulated period.

10.0 Security Deposit: Security deposit will be deducted from each running bill and the final bill to the extent of 10% of the gross amount payable subject to maximum limit 5% of the tendered value of the work. The earnest money deposit shall be adjusted against the security deposit. The security deposit shall be released on the expiry of guarantee period stipulated in the contract.

11.0 Performance Guarantee:

11.1 The tender shall guarantee among other things, the following

Quality, strength and performance of the material used.

Safe mechanical and electrical stress on all parts under all specified conditions of operation.

Satisfactory operation during the maintenance period.

11.2 The successful tenderer shall submit an irrevocable performance guarantee of 5% of the tenderer amount in addition to other deposits mentioned elsewhere in the contract for his proper performance of the contract agreement within 15 days of issue of the letter of intent. This guarantee shall be in the form of government securities or fixed deposit receipt and guarantee bonds of any scheduled bank or the state bank of the India in the specified format. The performance guarantee shall be initially valid up to the stipulated date of completion plus 60 days beyond. This bank guarantee kept valid till the recording of completion certificate for the competent authority.

12.0 Guarantee

12.1 All equipment shall be guaranteed for a period of 12 months from the date of taking over the installation by the institute against unsatisfactory performance /or break down due to defective design, workmanship of material. The equipment components, or any part thereof, so found defective during guarantee period shall be forthwith repaired or replaced free of cost, to the satisfaction of the Engineer-in-charge. In case it is felt by the institute that undue delay is being caused by the contractor in doing this, the same will be got done by the institute at the risk and cost of the contractor, the decision of the Engineer-in-charge in this regard shall be final.

13.0 Power Supply:

Electric service connection of 415 V, 3 phase, 4 Wire, 50 HZ, AC Supply shall be provided by the institute for installation purpose on chargeable basis.

14.0 Water Supply

Water supply shall be made available by the institute at one point.

15.0 Data manual and Drawings to be furnished by the tenderers:

15.1 Along with tender: The tenderer shall furnish along with the tender, detailed technical literature, pamphlets and performance data for appraisal and evaluation of the offer.

15.2 After Award of work:

The successful tenderer would be required to submit the following drawings within a month of award of the work for approval before commencement of installation.

All general arrangement drawing.

Details of foundations for the equipment, load data, location etc. of various assembled equipment as may be needed generally by other agencies for purpose of their work. The data will include breaking load on guides, reaction of buffers on lift pits reaction on support points in machine room, lift well etc.

Complete layout dimensions for every unit/ group of unit with dimension required for erection purposes.

Any other drawing / information not specifically mentioned above but deemed to be necessary for the job by the contractor.

16.0 The successful tenderer should furnish well in advance three copies of detailed instructions and manuals of manufacturers for all items of equipment regarding installation, adjustment operation and maintenance i/c preventive maintenance & trouble shooting together with all the relevant data sheets, spare parts catalogue and workshop procedure for repairs, assemble and adjustment etc. all in triplicate.

17.0 Extent of work

17.1 The work shall comprise of entire labour including supervision and all material necessary to make a complete installation and such tests and adjustments and commissioning as may be required by the institute. The term complete installation shall not only mean major items of the plant and equipment covered by specifications but all incidental sundry components necessary for complete execution and satisfactory performance of installation with all layout charts whether or not those have been mentioned in details in the tender document in connection with this contract.

In addition to supply, installation, testing, and commissioning of lifts following works shall be deemed to be included within the scope of work to be executed by the contractor.

17.2 Minor building works necessary for installation of equipment, foundation, making of opening in walls or in floors and restoring to their original condition, finish and necessary grouting etc. as required.

17.3 Maintenance (Routine & preventive) for one year from date of completion and handing over.

17.4 The work is turnkey project. Any item required for completion of the project but left inadvertently shall be executed with in the quoted rates.

18.0 Inspection and testing:

18.1 Copies of all document of routine and type test certificates of the equipment, carried out at the manufacturers premises shall be furnished to the Engineer-in-charge and consignee

18.2 After completion of the work in all respect the contractor shall offer the installation for testing and operation.

19 **Validity**

Tenders shall be valid for acceptance for a period of 180 days from the date of opening of price bid.

20 **Compliance with Regulations and Indian standards**

20.1 All works shall be carried out in accordance with relevant regulation, both statutory and those specified by the Indian Standards related to the works covered by this specifications. In particular, the equipment and installation will comply with the following:

- (i) Factories Act.
- (ii) Indian Electricity Rules
- (iii) I.S. & B.S. Standards as applicable
- (iv) Workmen's Compensation Act
- (v) Statutory norms prescribed by local bodies like CEA, NDMC etc.

20.2 Nothing in this specification shall be construed to relieve the successful tenderer of his responsibility for the design, manufacture and installation of the equipment with all accessories in accordance with currently applicable statutory regulations and safety codes.

20.3 Successful tenderer shall arrange for compliance with statutory provisions of safety regulations and institute requirement of safety codes in respect of labour employed on the work by the tenderer. Failure to provide such safety requirement would make the tenderer liable for penalty of Rs. 200/- for each default. In addition, the institute will be at liberty to make arrangement for the safety requirement at the cost of tenderer and recover the cost thereof from him.

21.0 **Indemnity**

The successful tenderer shall be at all time indemnify the institute, consequent on this works contract. The successful tenderer shall be liable, in accordance with the Indian Law and Regulations for any accident occurring due to any cause and the institute shall not be responsible for any accident or damage incurred or claim arising therefrom during the period of erection, construction and putting into operation the equipment and ancillary equipment under the supervision of the successful tenderer in so far as the latter is responsible. The successful tenderer shall also provide all insurance including third party insurance as may be necessary to cover the risk. No extra payment would be made to the successful tenderer due to the above.

22.0 **Erection Tools**

No tools and tackles either for unloading or for shifting the equipment for erection purposes would be made available by the institute. The successful tenderer shall make his own arrangement for all these facilities.

23.0 **Cooperation with other agencies**

The successful tender shall co-ordinate with other contractors and agencies engaged in the construction of building, if any, and exchange freely all technical information so as to make the execution of this works contract smooth. No remuneration should be claimed from the institute for such technical cooperation. If any unreasonable hindrance is caused to other agencies and any complete portion of the work has to be dismantled and re-done for want of cooperation and coordination by the successful tenderer during the course of work. Such expenditure incurred will be recovered from the successful tenderer if the restoration work to the original condition or specification of the dismantled portion of the work was not undertaken by the successful tenderer himself.

24.0 **Mobilization Advance**

No mobilization advance shall be paid for this work.

25.0 Insurance and Storage

All Consignments are to be duly insured upto the destination from warehouse at the cost of the supplier. The insurance covers shall be valid till the equipment is handed over duly installed, testing and commissioned.

26.0 Verification of correctness of Equipment at Destination

The contractor shall have to produce all the relevant records to certify that the genuine equipment from the manufacturers has been supplied and erected.

27.0 Painting

This shall include cost of painting of entire exposed iron work complete in the installation. All equipment works shall be painted at the works before dispatch to the site.

28.0 Training

The scope of work includes on job technical training of two persons at site. Nothing extra shall be payable on this account.

29.0 Maintenance during guarantee period

29.1 Sufficient trained and experience staff shall be made available to meet any exigency of work during the guarantee period of one year from the handing over of the installation.

29.2 The maintenance, routine as well as preventive for one year from the date of taking over the installation as per manufacturers recommendation shall be carried out and the record of the same shall have to be maintained.

30.0 Interpreting Specifications

In interpreting the specifications, the following order of decreasing importance shall be followed in case of contradictions:

Schedule of quantities

Technical specifications

Drawing (if any)

General specifications

Relevant IS or other international code in case IS code is not available.

31.0 A separate supplementary agreement shall be made with the successful tenderer for sub head II of schedule of work i.e. Comprehensive maintenance for 5 years after guarantee period of 1 year. The payment of comprehensive maintenance shall be made quarterly after the end of each quarter.

32.0 The manufacturer shall give an undertaking that they will continue to maintain the lifts and supply the spares for the average life of 20 years.

33.0 The Contractor will arrange licence for working of these lifts from Electrical Inspectorate Office, Govt. of Maharashtra before handing over the lifts to NITIE Mumbai.

34.0 Penalty @ Rs. 50,000.00 per week will be imposed on the delayed work.

**E-TENDER
(FINANCIAL BID)**

**Name of Work:- Supply and installation of passenger elevators at Old Director's Office,
Anand Vihar and Academic Building at NITIE Mumbai.**

**Note : Below Schedule is for reference purpose only , the EXCEL (.xls) form are available
on e-Tender website , vendors need to download and upload the filled price bid form online
on e-Tender website.**

(i) To be submitted by 11.00 hours on dated 15.07.2021

(ii) To be opened whose technical bid is accepted at time (shall be notified later on)

Issued to:.....

Signature officer issuing the documents.....

Designation.....

Date of issue.....

INDEX

1. INSTRUCTIONS OF BIDDER

2. SCHEDULE OF QTY.

INSTRUCTIONS TO BIDDER

This financial bid shall be part of contract along with Technical Bid, therefore rates should be quoted considering all the provisions of Technical bid.

Executive Engineer (I/c)

SCHEDULE

Name of work: Supply and installation of passenger elevators at Old Director's Office, Anand Vihar and Academic Building.

Note : Below Schedule is for reference purpose only , the EXCEL (.xls) form are available on e-Tender website , vendors need to download and upload the filled price bid form online on e-Tender website.

Sr. No.	Description	Qty.	Unit	Rate	Amount
1A	<p>SITC of Electric Traction Passenger Lift at old Director's Office Building with</p> <ul style="list-style-type: none"> • Rated capacity :- Minimum 6 Passenger/408 Kg • Floors :- G+3 floor (4 Stops/4 Landings) • Travel :- 10.78 mtrs • No. of access sides :- 2 • Location of Lift Machine:- MR/MRL • Rated speed :- 1.0 mps VS <p>• Doors type :- COPO/TOPO Doors with frame having clear opening of 700/800 mm wide x 2000 mm high made from SS 304 grade sheet of 1.5 mm, thick in hairline finish for car and all landing doors with SS door architraves/frames</p> <p>(The car has two openings and ground floor opening is on one side and 1,2,3 floors opening is on other side).</p> <ul style="list-style-type: none"> • Lift car enclosure made from SS 304 grade sheet of 1.5 mm, thick with hairline finish with frame made from MS girders, bracing of adequate size with minimum safety factor of 5, with Toe Guard Apron, with necessary false ceiling with adequate LED lights, blower/fan for ventilation & SS chequered plate flooring, handrails, mirror, emergency light etc. • COP with SS face plate having metallic push buttons with Braille Code & luminous indicator around button with FPI, scrolling UP/DN LED indicator & with/without attendant key switch, OWD with audio-visual alarm, VAS in Marathi, Hindi & English with intercom system with telephone instrument in Lift car, LMR & FCC/ground floor • LOP with SS face plate having recess/surface push button box for all landings with scrolling UP/DN LED 	01	Each		

<p>indicator having metallic push buttons with Braille Code & luminous indicator around button with CPI, Lift car arrival & next travel direction audio-visual indication at all landings</p> <ul style="list-style-type: none"> • Lift controller based on microprocessor/ PLC with VVVF Drive having closed loop control system, with IBMS compatible having necessary port, control panel duly wired with proper size & strength copper wire for power & control circuit, with provision for addition of floor / control card & allied accessories control panel having enclosure of 1.5 mm CRCA sheet with powder coating with IP54 Protection class • ARD complete with necessary SMF VRLA batteries • Fireman controller having fireman switch at fire Landing, • CCTV surveillance system comprises of 2nos minimum 2.0MP FHD IP based vandal proof Dome camera in lift car & in LMR/inside lift shaft top aimed on Lift machinery & controller with NVR kept in LMR/FCC with HDR data backup for 60 days with 18" FHD TV monitor, to be kept in FCC/LMR as directed by Engineer In Charge. • Lift Machine of Gearless PMSM of suitable kW with Traction pulley, OSG, electromagnetic brakes, entire assembly mounted on adequate size girders duly fixed on LMR floor/ shaft walls complete with main/diverter traction sheaves, suspension wire ropes/belts of adequate size & strength • Other mechanical parts such as 'T' section adequate size guide rails for car & counter weight with brackets fasteners, counter weight frame with necessary blocks, buffers with necessary support arrangement, MS pit ladder etc. erected with necessary steel work • Civil work for alteration if any and erection of door frames and accessories, erection buffers, erection of lift machinery, adequate size core cuts if required & scaffolding for erecting guide rails fixing of girders for mounting lift machine etc. complete as per specification no. LFT. • Lift shaft available having clear size of 1530 mm wide x 1825 .mm deep, 1500 mm Pit depth, Overhead 4100 mm 				
---	--	--	--	--

1B	Dismantling the existing 4 to 7 Passenger lift of all types travelling G+3 floors (4 Landings/4 Stops) having with manual operated doors for lift car & all landings with door frames, guide rails, controller, wiring buffers, Lift Machine, ropes complete with all allied accessories of Lift and making the site clear in all respect complete with refilling the holes with cement mortar & making the site as original this job includes transportation of the dismantled material up to division/section store and handing over to the section engineer/store keeper in charge complete.	01	Job		
1C	Buyback of the existing passenger lift	01	Job		
2A	<p>SITC of Electric Traction Passenger Lift at old Academic Building with</p> <ul style="list-style-type: none"> • Rated capacity :- Minimum 8 Passenger/544 Kg • Floors :- G+3 floor (4 Stops/4 Landings) • Travel :- 11.46 mtrs • Location of Lift Machine:- MR/MRL • Rated speed :- 1.0 mps VS • Doors type :- COPO/TOPO Doors with frame having clear opening of 800 mm wide x 2000 mm high made from SS 304 grade sheet of 1.5 mm, thick in hairline finish for car and all landing doors with SS door architraves/frames • Lift car enclosure made from SS 304 grade sheet of 1.5 mm, thick with hairline finish with frame made from MS girders, bracing of adequate size with minimum safety factor of 5, with Toe Guard Apron, with necessary false ceiling with adequate LED lights, blower/fan for ventilation & SS chequered plate flooring, handrails, mirror, emergency light etc. • COP with SS face plate having metallic push buttons with Braille Code & luminous indicator around button with FPI, scrolling UP/DN LED indicator & with/without attendant key switch, OWD with audio-visual alarm, VAS in Marathi, Hindi & English with intercom system with telephone instrument in Lift car, LMR & FCC/ground floor • LOP with SS face plate having recess/surface push button box for all landings with scrolling UP/DN LED indicator having metallic push buttons with Braille Code 	01	Each		

<p>& luminous indicator around button with CPI, Lift car arrival & next travel direction audio-visual indication at all landings</p> <ul style="list-style-type: none"> • Lift controller based on microprocessor/ PLC with VVVF Drive having closed loop control system, with IBMS compatible having necessary port, control panel duly wired with proper size & strength copper wire for power & control circuit, with provision for addition of floor/control card & allied accessories control panel having enclosure of 1.5 mm CRCA sheet with powder coating with IP54 Protection class • ARD complete with necessary SMF VRLA batteries • Fireman controller having fireman switch at fire Landing, • CCTV surveillance system comprises of 2 nos minimum 2.0 MP FHD IP based vandal proof Dome camera in lift car & in LMR/inside lift shaft top aimed on Lift machinery & controller with NVR kept in LMR/FCC with HDR data backup for 60 days with 18" FHD TV monitor, to be kept in FCC/LMR as directed by Engineer In Charge. • Lift Machine of Gearless PMSM of suitable kW with Traction pulley, OSG, electromagnetic brakes, entire assembly mounted on adequate size girders duly fixed on LMR floor/ shaft walls complete with main/diverter traction sheaves, suspension wire ropes/belts of adequate size & strength • Other mechanical parts such as "T" section adequate size guide rails for car & counter weight with brackets fasteners, counter weight frame with necessary blocks, buffers with necessary support arrangement, MS pit ladder etc. erected with necessary steel work • Civil work for alteration if any and erection of door frames and accessories, erection buffers, erection of lift machinery, adequate size core cuts if required & scaffolding for erecting guide rails fixing of girders for mounting lift machine etc. complete as per specification no. LFT. • Lift shaft available having clear size of 1825 mm wide x 				
---	--	--	--	--

	1500 mm deep. 1500 mm Pit depth, 4000 mm Overhead.				
2B	Dismantling the existing 8 to 12 Passenger lift of all types travelling G+3 floors (4 Landings/4 Stops) having with manual operated doors for lift car & all landings with door frames, guide rails, controller, wiring buffers, Lift Machine, ropes complete with all allied accessories of Lift and making the site clear in all respect complete with refilling the holes with cement mortar & making the site as original this job includes transportation of the dismantled material up to division/section store and handing over to the section engineer/store keeper in charge complete.	01	Job		
2C	Buyback of the existing passenger lift	01	Job		
3A	<p>SITC of Electric Traction Passenger Lift at Anand Vihar Building with</p> <ul style="list-style-type: none"> • Rated capacity :- Minimum 8 Passenger/544 Kg • Floors :- G+2 floor (3 Stops/3 Landings) • Travel :- 5.87 mtrs • Location of Lift Machine:- MR/MRL (Ground floor) • Rated speed :- 1.0 mps VS • Doors type :- COPO/TOPO Doors with frame having clear opening of 800 mm wide x 2000 mm high made from SS 304 grade sheet of 1.5 mm, thick in hairline finish for car and all landing doors with SS door architraves/frames • Lift car enclosure made from SS 304 grade sheet of 1.5 mm, thick with hairline finish with frame made from MS girders, bracing of adequate size with minimum safety factor of 5, with Toe Guard Apron, with necessary false ceiling with adequate LED lights, blower/fan for ventilation & SS chequered plate flooring, handrails, mirror, emergency light etc. • COP with SS face plate having metallic push buttons with Braille Code & luminous indicator around button with FPI, scrolling UP/DN LED indicator & with/without attendant key switch, OWD with audio-visual alarm, VAS in Marathi, Hindi & English with intercom system with telephone instrument in Lift car, LMR & FCC/ground floor 	01	Each		

<ul style="list-style-type: none"> • LOP with SS face plate having recess/surface push button box for all landings with scrolling UP/DN LED indicator having metallic push buttons with Braille Code & luminous indicator around button with CPI, Lift car arrival & next travel direction audio-visual indication at all landings • Lift controller based on microprocessor/ PLC with VVVF Drive having closed loop control system, with IBMS compatible having necessary port, control panel duly wired with proper size & strength copper wire for power & control circuit, with provision for addition of floor/control card & allied accessories control panel having enclosure of 1.5 mm CRCA sheet with powder coating with IP54 Protection class • ARD complete with necessary SMF VRLA batteries • Fireman controller having fireman switch at fire Landing, • CCTV surveillance system comprises of 2 nos minimum 2.0 MP FHD IP based vandal proof Dome camera in lift car & in LMR/inside lift shaft top aimed on Lift machinery & controller with NVR kept in LMR/FCC with HDR data backup for 60 days with 18" FHD TV monitor, to be kept in FCC/LMR as directed by Engineer In Charge. • Lift Machine of Gearless PMSM of suitable kW with Traction pulley, OSG, electromagnetic brakes, entire assembly mounted on adequate size girders duly fixed on LMR floor/ shaft walls complete with main/diverter traction sheaves, suspension wire ropes/belts of adequate size & strength • Other mechanical parts such as "T" section adequate size guide rails for car & counter weight with brackets fasteners, counter weight frame with necessary blocks, buffers with necessary support arrangement, MS pit ladder etc. erected with necessary steel work • Civil work for alteration if any and erection of door frames and accessories, erection buffers, erection of lift machinery, adequate size core cuts if required & scaffolding for erecting guide rails fixing of girders for mounting lift machine etc. complete as per specification 				
--	--	--	--	--

	no. LFT. • Lift shaft available having clear size of 1970 mm wide x 1850 mm deep. 1500 mm Pit depth, Overhead 5417 mm				
3B	Dismantling the existing 8 to 12 Passenger lift of all types travelling G+2 floors (3 Landings/3 Stops) having with manual operated doors for lift car & all landings with door frames, guide rails, controller, wiring buffers, Lift Machine, ropes complete with all allied accessories of Lift and making the site clear in all respect complete with refilling the holes with cement mortar & making the site as original this job includes transportation of the dismantled material up to division/section store and handing over to the section engineer/store keeper in charge complete.	01	Job		
3C	Buyback of the existing passenger lift	01	Job		
				Total Rs. (excl. GST)	
				GST	
				Grand Total	

Agency

Executive Engineer (I/c)

Abbreviations Symbol Meaning

ARD Automatic Rescue Device

CCTV Closed Circuit Television

COP Car Operating Panel

COPO Centre Opening Power Operated

CPI Car Position Indicator

CRCA Cold Rolled Close Annealed

FCAMC Fully Comprehensive Annual Maintenance Contract

FCC Fire Command Centre

FHD Full High Definition

FPI Floor Position Indicator

GI Galvanised Iron

HDR High Definition Recording

IBMS Intelligent Building Management System

IP Internet Protocol

IP54 Ingress Protection i. e Protection from limited dust ingress & Protection from water spray from any direction

IS Indian Standards

ISI Indian Standards Institute,

Kg Kilograms

kW Kilowatt rating

LED Light Emitting Diode

LFT Lift Installation

LMR Lift Machine Room

LOP Landing Operating Panel

MP Mega Pixel

mps meters per second

MR Machine Room

MRL Machine Room Less

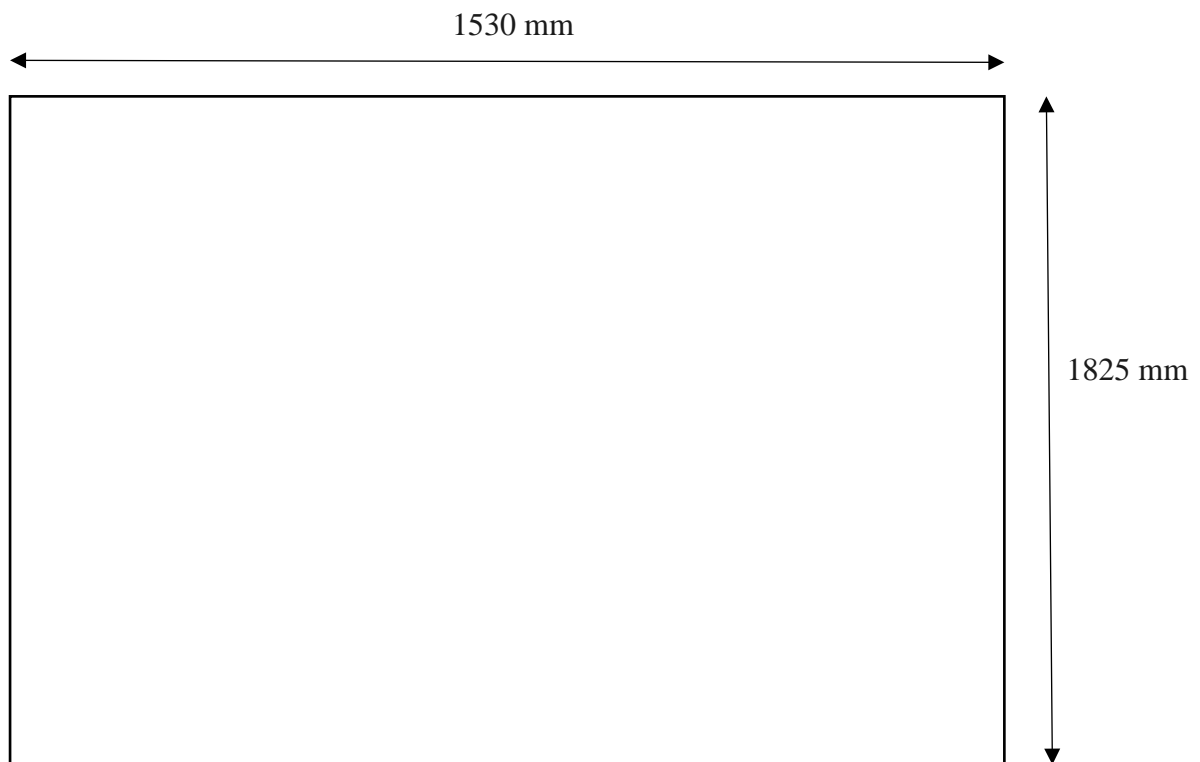
MS Mild Steel

mtrs meters

NBC National Building Code
NVR Network Video Recorder
OSG Over speed Safety Governor
OWD Overload Warning Device
PLC Programmable Logic Control
PMSM Permanent Magnet Synchronous
AC Machine
PVC Polyvinyl Chloride
SITC Supplying, Installing, Testing and Commissioning
SMF Sealed Maintenance Free
SS Stainless Steel
TOPO Telescopic Opening Power Operated
UP/DN Up/Down
VAS Voice Annunciation System
VRLA Valve-Regulated Lead-Acid
VS Variable Speed
VVVF Variable Voltage Variable Frequency

Measurement details of lift shaft at Old Director's Office

Existing shaft (internal dimensions)



Pit depth: 1500 mm

Overhead: 4100 mm

:

Measurement details of lift shaft at Anand Vihar

Existing shaft (internal dimensions)



Pit depth: 1500 mm

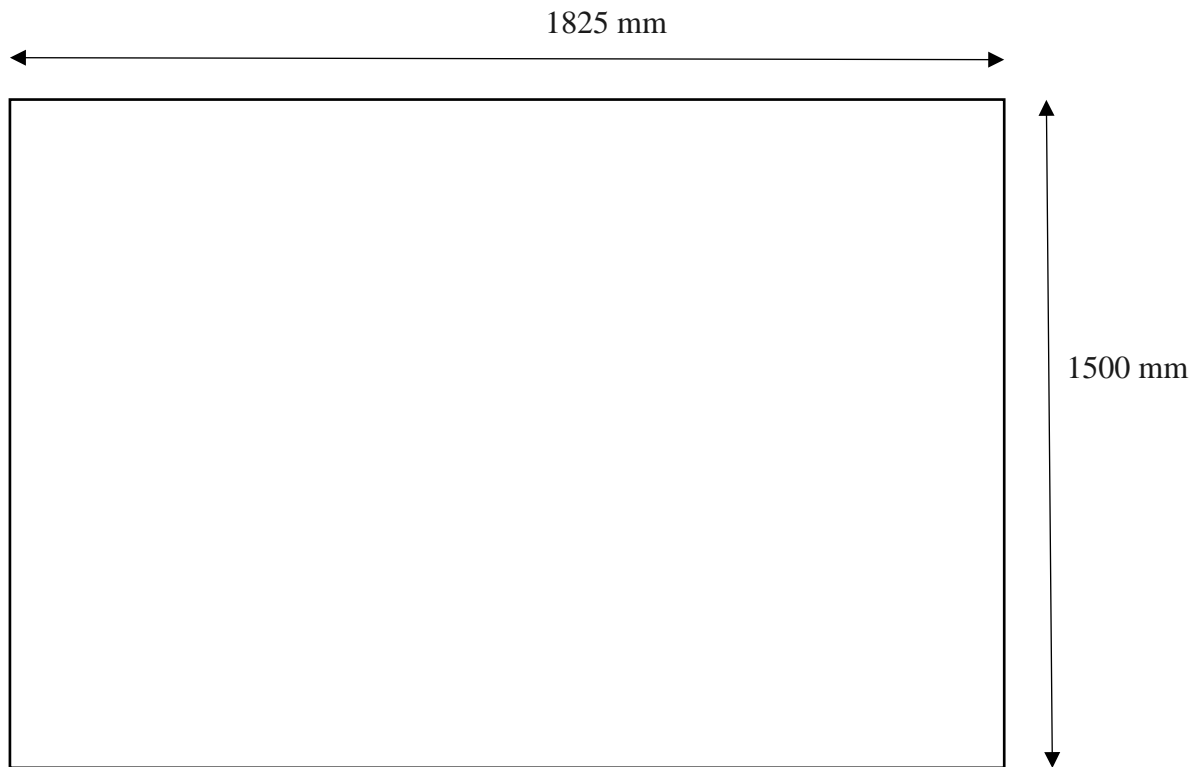
Overhead: 5417 mm

Machine room is at ground floor

:

Measurement details of lift shaft at Academic Building

Existing shaft (internal dimensions)



Pit depth: 1500 mm

Overhead: 4000 mm

: