

Name of work

**Supply and Installation of goods lift at  
Southern Lab on buyback basis**

**BID DOCUMENT**



**INSTITUTE WORKS DEPARTMENT  
INDIAN INSTITUTE OF TECHNOLOGY KANPUR**

## Indian Institute of Technology Kanpur

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**It is certified that this document contains 28 pages**

**Executive Engineer**

## 1. Notice Inviting e-Tenders

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

NIT No: 01/C/D1/2024-25

1	Name of work	:	<b>Supply and Installation of goods lift at Southern Lab on buyback basis</b>
2	Estimated cost (inclusive of GST)	:	<b>Rs. 3,32,700/-</b>
3	Earnest Money Deposit(Rs.)	:	EMD Declaration to be submitted in lieu of EMD as per Form 5.1
4	Duration of contract	:	<b>Two (2) months</b>
5	<b>Last Time &amp; date of submission of bids (Up to)</b>	:	As per CPP portal data ( <a href="https://eprocure.gov.in/eprocure/app">https://eprocure.gov.in/eprocure/app</a> )
6	<b>Opening of bids</b>	:	As per CPP portal data ( <a href="https://eprocure.gov.in/eprocure/app">https://eprocure.gov.in/eprocure/app</a> )
7	<b>Time allowed for submission of requisite documents by lowest bidder</b>	:	Within <b>One week</b> of opening of financial bids

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

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

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

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

Executive Engineer, IWD

## 2. Information and Instructions for Bidders for E-Tendering

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

1	Name of organization	:	Indian Institute of Technology, Kanpur
2	NIT No.	:	01/C/D1/2024-25
3	Location	:	Indian Institute of Technology, Kanpur
4	Tender / Quotation type (open / limited /EOI / Auction / Single	:	Open
5	Tender / Quotation category (services / works	:	Tender
6	Type of Contract (work / supply / auction/ service / buy / empanelment / sell	:	Buy
7	Form of contract (CPWD-7/8)	:	CPWD-7
8	Work Category (civil / electrical / fleet / management / computer system	:	Supply
9	Is multi-currency allowed?	:	No
10	Date of publishing / issue / start	:	As per CPP portal
11	Document download start date	:	As per CPP portal
12	Document download end date	:	As per CPP portal
13	Date & time of pre-bid meeting	:	As per CPP portal
14	Venue of pre-bid meeting	:	As per CPP portal
15	Last date & time of uploading of bids	:	As per CPP portal
16	Date & time of opening of Technical bids	:	As per CPP portal
17	Bid Validity Days	:	90 days after opening of technical bid
18	Earnest Money Deposit (EMD)	:	EMD Declaration to be submitted in lieu of EMD as per FORM 5.1

19	Non- Refundable Processing Fee (Inclusive of GST @18%) as given in section 5.2	:	Not Applicable
20	No. of Bids / Covers (1 / 2 / 3 / 4)	:	2
21	Address for communication	:	Office of Executive Engineer, IWD, Div-I, IIT Kanpur-208016 Contact no. 0512-259-7604
22	Email address	:	<a href="mailto:rakeshkv@iitk.ac.in">rakeshkv@iitk.ac.in</a>

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

1. Information and instructions for bidders posted on website shall form part of bid document.
2. The bid document consisting of drawings, specifications, schedule of quantities of items to be supply, schedule of stages for payment as applicable and the set of terms & conditions of the contract to be complied with and other necessary documents can be seen and downloaded free of cost from [www.eprocure.gov.in](http://www.eprocure.gov.in)
3. Those contractors not registered on the website mentioned above, are required to get registered beforehand. Only e-bids shall be accepted in CPPP portal through e-tendering processes.
4. The intending bidder must have valid Class-III digital signature to submit the bid.
5. On opening date, the contractor can login and see the bid opening process. After opening of bids, he will receive the competitor bid sheets.
6. Contractor can upload documents in the form of JPG format and PDF format.
7. Contractor must ensure to quote rate of each item. The column meant for quoting rate in figures appears in pink colour and the moment rate is entered, it turns sky blue.

In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as "0". Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (ZERO).

However, if a tenderer quotes nil rates against each item in item rate, the

tender shall be treated as invalid and will not be considered as lowest tenderer.

8. The "Eligibility/technical Bid" shall be opened first on due date and time as per the evaluation scheme. The "Financial Bid" of bidders qualifying the technical bid shall be opened on a later date as to be announced in CPP portal.
9. The bidders are advised to visit the site before submission of bids to have more clarity about the site conditions and availability of space for execution of the work.
10. All modifications/addendums/corrigendum's issued regarding this bidding process shall be uploaded on website only.
11. The department reserves the right to reject any or all bids without assigning any reason thereof and may restrict the list of qualified bidders to any number deemed suitable by it, if too many bids are received satisfying the minimum laid down criteria.
12. The rates for all items of work, shall unless clearly specified otherwise, include cost of all operations and all inputs of labour, material, T&P, scaffolding, wastages, watch and ward, other inputs, all incidental charges, all other taxes (inclusive of GST), cess, duties, levies etc. required for execution of the work.
13. The description of the work is as follows: "Supply and fixing of park Equipment's inside type -3 multistoried apartment at IIT Kanpur "
14. The work is estimated to cost **Rs. 3,32,700/-**. However, this estimate given is mere approximation for guide.
15. Agreement shall be drawn with the successful bidders on prescribed Form No. CPWD 7 which is available as a Govt. of India Publication and also available on website [www.cpwd.gov.in](http://www.cpwd.gov.in). Bidders shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.
16. The time allowed for carrying out the entire work will be **Two (2) months** from the date of start or from the first date of handing over of the site, whichever is later, in accordance with the phasing as detailed in special conditions of contract in the bid document.
17. The site for the work will be handed over as per the special terms and conditions of the document.
18. The bid document consisting of NIT, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the



contract to be complied with and other necessary documents can be seen and downloaded from website [www.eprocure.gov.in/eprocure/app](http://www.eprocure.gov.in/eprocure/app) free of cost.

19. After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified.
20. While submitting the revised bid, contractor can revise the rate of one or more item(s) any number of times (he/she need not re-enter rate of all the items) but before last time and date of submission of bid as notified.
21. Earnest Money Declaration shall be uploaded to the e-Tendering website within period of submission
22. Copy of documents as specified in the bid shall be scanned and uploaded to the e-tendering website within the period of bid submission.
23. The bid submitted shall be opened at as per the details provided in the CPP portal at IWD office. The date of opening of Financial Bid shall be informed through web site after the opening of financial bid
24. The bid submitted shall become invalid and e- processing fee shall not be refunded if:
  - (i) The bidder is found ineligible.
  - (ii) The bidder does not upload scanned copies of all the documents stipulated in the bid document.
  - (iii) If a tenderer quotes nil rates against each item in item rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.
25. Intending Bidders are advised to get familiarized with the specifications /rules related (i.e. **Supply and Installation of goods Lift at Southern Lab on buyback basis**) to the work as approved by the competent authority and various policies related to c&d waste and other environmental guidelines of the institute pertaining to the. Bidder shall be deemed to have full knowledge of such rules and regulations whether he has read it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. In case of reduction of scope of work or no work is possible to carry out on account of such issues, no cost shall be payable to them. Submission of a bid by the bidder implies that he has read this notice and all other documents and has made himself aware of the Institute Regulations and other factors having a bearing on the execution of the work.
26. The competent authority on behalf of the Board of Governors does not bind itself to accept the lowest or any other bid and reserves to itself the

authority to reject any or all the bids received without assigning any reason. Bids in which any of the prescribed conditions is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.

27. Canvassing whether directly or indirectly, in connection with bids is strictly prohibited and the bids submitted by the bidders who resort to canvassing will be liable to rejection.
28. The competent authority on behalf of the Board of Governors reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.
29. The contractor shall not be permitted to bid for works in the Institute Works Department responsible for award and execution of contracts, in which his near relative is posted as Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive) in IWD. He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the Office of IWD/ Institute Works Department. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.
30. The bids for the work shall remain open for acceptance for a period of Ninety (90) days from the date of opening of bids. If any bidder withdraws his bid before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the bid which are not acceptable to the department, then the Institute shall, without prejudice to any other right or remedy, be at liberty to suspend the bidder for one year
31. The eligible bidders shall quote item rates after considering all the components of the work.
32. The requirement of technical staff given in various specialized works is as per requirements given in document. The actual deployment of these technical staff will be as per execution of work and direction of the Executive Engineer, IITK.
33. The competent authority on behalf of the Board of Governors reserves the right to disqualify an agency for
  - (a) Non-compliance of Institute orders
  - (b) Violation of Institute policies as established by the Competent Authority in the best interests of the Institute.

## **2.2 Instructions for Online BID Submission**

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

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

### **2.2.1 Registration**

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

### **2.2.2 Searching for tender documents**

1. There are various search options built in the CPP portal to facilitate bidders to search active tenders by several parameters. These parameters could include tender ID, organization name, location, date, value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as organization name, form of contract, location, date, other keywords etc. to search for a tender published on the CPP portal

2. Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. The tenders can be moved to the respective "My Tenders" folder. This would enable the CPP portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
3. The bidder should make a note of the unique Tender ID assigned to each other; in case they want to obtain any clarification/help from the Helpdesk.

### **2.2.3 Preparation of bids**

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

### **2.2.4 Submission of bids**

1. Bidder should log into the site well in advance for bid submission so that he / she upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
2. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
3. Bidder has to select the payment option as "on-line" to pay the EMD as

applicable and enter details of the instrument

4. A standard BOQ Format has been provided with the tender document to be filled by all the bidders. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. Bidders are required to download the BOQ file, open it and complete the white colored [unprotected] cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it online, without changing the filename. If the BOQ file is found to be modified by the bidder, the bid will be rejected.

OR

In some cases, financial bids can be submitted in PDF format as well (in lieu of BOQ).

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

#### **2.2.5 Assistance to bidders**

1. Any queries relating to tender document and the terms and conditions contained therein should be addressed to the tender inviting authority for a tender or the relevant contact person indicated in the tender.

2. Any queries relating to the process of online bid submission or queries relating to CPP portal in general may be directed to the 24 x 7 CPP Portal Help Desk.

#### **2.2.6 General instruction to bidders**

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

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

Executive Engineer

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

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

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

#### **2.3.1 Envelope - 1: Technical Bid**

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

1. Certificate of Specialized agencies (Original Manufacturer Or authorized Dealer) are only allowed to participate.
2. EMD Declaration as per 5.1
3. Scan copy of Bank details
4. Scan copy of work experience
5. Scan copy of GST Registration Certificate
6. Scan copy of PAN card
7. Detail of Guarantee / Warranty
8. County of origin (Catalogue)
9. Details of Similar Nature of Works Completed
10. Tender Acceptance Letter as per 5.2
11. Financial Information as per 5.3

#### **2.3.2 Envelope - 2: Financial Bid**

Price bid should be submitted in BOQ format

### **3. Eligibility Criteria**

#### **3.1 Eligibility criteria for contractors**

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

#### **Eligible Bidders**

Eligible bidders should satisfy the following criteria for evaluation:

##### **1. Experience (value of work done shall be within a span of one year):**

Firms/Contractors must have completed satisfactorily

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

ii) Two similar work of 60% value of the estimated cost put to tender or  
iii) Three similar work of 40% value of the estimated cost put to tender  
Works completed during last 7 years ending on date 31.03.2024.

2. **Definition of similar work:** Similar type of work means “**Supply and Installation of goods lift**” done with any Central Government Department / Central Autonomous Body / Central Public Sector Undertakings / State Government and Private Institute / Establishment of repute in last 7 years (Not earlier than 01-04-2017).
3. **Minimum Average Annual Turnover of the bidders not less than 20.00 Lacs for the last three years.**

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

1. **Legal:** Unregistered Partnership Firm and Joint Venture or Consortium are not eligible.
2. **Registration:** Bidder should be registered with the Income Tax Department (PAN) & GST. Bidders are not eligible in absence of these documents.

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

#### **4.1 Technical Bid Evaluation**

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

#### **4.2 Financial Bid Evaluation**

For financial bids, the following points shall be followed:

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



## **5 Various Forms and Formats**

### **5.1 Declaration in lieu of submitting Earnest Money Deposit Proforma for Declaration in lieu of submitting Earnest Money Deposit**

**(Scanned copy of this Declaration to be uploaded at the time of submission of bid)**

Whereas, I/we ..... (name of agency) have submitted bids for Name of work: - **"Supply and Installation of goods lift at southern lab on buyback offer at IIT Kanpur"**.

I/we hereby submit following declaration in lieu of submitting Earnest Money Deposit:

1. If after the opening of tender, I/we withdraw or modify my/our bid during the period of validity of tender (including extended validity of tender) specified in the tender documents,  
or
2. If, after the award of work, I/we fail to sign the contract, or to submit performance guarantee before the deadline defined in the tender documents,

I/we shall be suspended for **two year** and shall not be eligible to bid for IITK tenders from date of issue of suspension order.

Signature of bidder

**5.2 Tender Acceptance Letter**

(To be given on Company Letter Head)

Date: .....

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

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

Name of Tender / Work: .....

Dear Sir,

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

Yours Faithfully,

(Signature of the Bidder, with Official Seal)

**5.3 Financial Information**

**Proforma for providing Financial Information**

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

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

<b>Financial Years</b>	2020-21	2021-22	2022-23	2023-24
<b>Gross Annual turnover</b>				
<b>Profit/Loss</b>				

Signature of Chartered Accountant with Seal

Signature of bidder

## 6. Technical Specifications

Type of Lift	Hydraulic Goods Lift (G+1) Double Mast
Capacity	1500 Kg
Pay Load	1500 Kg
<b>ELEVATOR SHAFT SPECIFICATION</b>	
Area Size Required (Width x Depth)	2100x1650 (WxD)
Plate form size (LxBxH)	1500x1500x1000 MM
Lifting Height (G+1)	3980 MM
Total Travel Height	7000 MM
Close Height of Lift (Pit)	300 MM
Entry/Exit	Two Side Open
Mechanical Stopper	Provided
Lift Speed	5-7 Meter/Min.
<b>ELEVATORS STRUCTURE SPECIFICATION</b>	
Platform Design	Checkered 5 mm with heavy under platform reinforce hand railing on platform- Four sided fixed and two side open. Able with safety limit switch-pipe size 30x30x3 mm, Front side operable, Railing height – 1000 mm.
Flooring	M. S Checkered sheet flooring 5.0 mm Thickness
MS Channel	TATA Jindal/Equivalents
Landing Doors	No
<b>POWER PACK SPECIFICATION</b>	
Power Pack	<b>Motor:</b> 5 Hp, 3 Phase RPM Siemens/Bharat Bijlee-IE3 <b>Solenoid Valve:</b> Yuken (Model DSG-01-3C60) <b>Pump:</b> Single pump for high pressure dowty/bosch make <b>Flow Control Valve:</b> Yuken Make <b>Pressure Relief Valve:</b> Yuken/Polherdran (Model DPRH-065) <b>Oil Level Indicator:</b> Hydro line make <b>Pressure Gauges:</b> Wika/Baumer/Mass Make <b>Hydraulic Oil:</b> 68 No. Castrol/Servo <b>Oil Tank Capacity:</b> 50 Ltr.
No. of Cylinder	02 Nos. Piston dia-50 mm (Crome) Plated-RHN-45, Outer Cylinder Die-62 mm, Seam less pipe for extra long Life of hydraulic oil seal, Safe to fail design
No. of supporting Mast	2 Nos.
T-Sections	16x75x89 Marrazzi Rail Gides

No. of Wire Rope	02 nos. – 08 mm, Usha Martin Limited
No. of Chain	02 nos.-20mm, Diamond Duplex Chain
Zero leakage Valve	Provided
Hydraulic Hose Pipe	Parker Make
Oil Level Indicator	Hydro line
Strainer Filter	Hydro line
<b>POWER PACK</b>	
Motor	5 Hp Siemens/Bharat Bijlee-IE3
Pump	Yaken Make
Suction Filter	Hydroline
Solenoid Valve	Yaken
Flow Control Valve	Yaken
Pressure Relief Valve	Yaken
Oil Level Indicator	Hydroline
Pressure Gauges	Wika/Baumer/Mass
Pressure Control Valve	Yaken
Hydraulic Oil	Servo System 68
Hydraulic Hose Pipe	Parker
Return Line Filter	Hydroline
Gear Coupling	Hydra make
Oil Tank Capacity	50 Ltr
<b>ELEVATOR CONTROL SPECIFICATION</b>	
Control Type	Automatic type at all floor with control hydraulic power pack controller
Operation	Automatic push button based operation at each floor
Main Supply	400-415 Volts AC Three phase power supply, 50Hz with double earthing
Auxiliary Supply	420
Emergency Button	Teknic – Mushroom Type
Hooter	Sibass Electric
SMPS	Siemens
RCCB	Siemens
MCB	Siemens
OLR (Overload Relay)	Siemens
Limit Switch	Siemens
Wire & Cable	Omron
	Polycab/RR Kabel
<b>ELEVATOR CONTROL SPECIFICATION</b>	
Control Type	Automatic type at all floor with control hydraulic power pack controller
Operation	Automatic push button based operational each

	floor
Main Supply	400-415 Volts AC three phase power supply, 50 Hz with double earthLimit switch ing
Auxiliary Supply	420 Volt AC, Three phase

**FEATURES / SAFETIES**

1. Safety weight pressure relief valve to avoid excess weight.
2. Flow control valve with which you can control the speed of lift while coming into down.
3. Emergency push button at each landing of stopping any miss-happening during travelling.
4. Limit switch will be provided at maximum level of the platform with an adjustable system.
5. Overload relief valve will be incorporated which gets actuated on account of over loading
6. Flow control valve will be incorporated which lets the table top comes down variable speed in case of hydraulic failure speed will be same as using speed set initially.
7. Mushroom type push button will be provided at man's working height at rear side of stacker.
8. Nylon-Guide along with rollers features into the platform.

## 7. Terms & Conditions

1. **The period completion is 60 days from the date of supply order.**
2. **Payment: 95% payment shall be release on successful supply, installation & commissioning of the lift.**
3. **The Guarantee / warranty period shall be 6 months & security money @ 5% shall be deducted from the bill and same shall be released after defect liability period of 6 months.**
4. The firm should clearly mention the PAN & GST No. on offer letter. In absence of these particulars the quotations are liable for rejection.
5. According to standard terms of payment will be made after its completion but after inspection and approval.
6. The Institute has right to reject all or any of the quotations and to split up the requirements or relax any or all of the above conditions without assigning any reason.
7. The quotations shall remain open for acceptance for four weeks from the date of opening.
8. A penalty @ 1% per week or part thereof and maximum up to 10 % shall be charged if required work is not made by due date.
9. All Spares and paint should be genuine and they should comply to IS code or as appropriate.
10. Service Technician should be covered under PF/ESIC and should be followed all government regulations and guidelines.
11. Site visit must be done by the bidder before quoting their rates.
12. If the bidder makes any modification in the terms and conditions of the bid, which is not acceptable to the Institute then the Institute shall without prejudice to any other right or remedy, be at liberty to suspend the bidder for one year.
13. The competent authority on behalf of the Board of Governors reserves the right to terminate the contract if any violation of labour law has been observed and or any of the construction workers engaged in the works under this contract is found also engaged in Service Contracts of the Institute at the same time.
14. The competent authority on behalf of the Board of Governors reserves the right to disqualify an agency for non-compliance of Institute orders and violation of Institute policies as established by the Competent Authority in the best interests of the Institute.

- 15.If the work is done in premises where marking entry and exit attendance is required at the security check post, then that will be verified before the bill is paid.

## **8. Natural calamity:**

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

## **9. Stocking and Disposal of Materials & Debris**

1. After completion of work the agency shall remove materials and debris etc. from site as per the direction of Engineer-in-Charge, at no extra cost.
2. The contractor shall conduct work so as not to interfere with or hinder the progress or completion of the work being performed by other contractor(s) or by the Engineer-in-Charge and shall as far as possible arrange his work and shall place and dispose of the materials being used or removed so as not to interfere with the operations of other contractor or he shall arrange his work with that of the others in an acceptable and coordinated manner and shall perform it in proper sequence to the complete satisfaction of others
3. Dismantled but useful materials/components/equipment, if any, should be returned to the Institute as per the direction of Engineer-in-Charge.

## **10. Safety and Security**

1. The contractor has to follow all safety norms as laid down in National Building Code of India. All the workers shall be equipped with the required safety gadgets while working at site such as ISI marked helmets, Shoes and safety belts, gumboots, gloves etc.
2. The contractor, the authorized representative(s), workmen etc., shall strictly observe orders pertaining to fire precautions prevailing in the area.
3. The contractor shall be fully responsible for the safe custody of materials brought by him/ issued to him even though the materials may be under double lock key system.
4. The contractor shall take all precautions to avoid accidents by exhibiting necessary caution boards day and night speed limit boards red flags, red lights and providing barriers. He shall be responsible for all dangers and incidents caused to existing / new work due to negligence on his part. No hindrances shall be caused to traffic during the execution of the work.



5. It shall be ensured by the contractor that no electric live wire is left exposed or unattended to avoid any accidents in this regard.
6. The Institute shall not have any responsibility or liability in case of any accident injury to the personnel to the contractor at work site or to the general public at the work site due to mishandling equipment by the personnel of the contractor or any other similar reason. The responsibilities and liabilities for such accidents and incidents shall be borne by the contractor.

### **11. Approach to Site**

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

### **12. Water and Flooding**

In case of flooding of site on account of rain or any other cause and any consequent damage, whatsoever, no claim financially or otherwise shall be entertained notwithstanding any other provisions elsewhere in the contract agreement. Also, the Contractor shall make good, at his own cost, the damages caused, if any.

### **13. Acts and Laws**

1. The Contractor shall keep himself fully informed of all acts and laws of the Central & State Governments, all orders, decrees of statutory bodies, tribunals having any jurisdiction or authority, which in any manner may affect those engaged or employed and anything related to carrying out the work. All the rules & regulations and bye-laws laid down by Collector / MC etc. and any other statutory bodies shall be adhered to, by the contractor, during the execution of work.
2. The Contractor shall also adhere to all traffic restrictions notified by the local authorities.
3. All statutory taxes, levies, charges (including water and sewerage charges, charges for temporary service connections and / or any other charges, as applicable) payable to such authorities for carrying out the

work, shall be borne by the Contractor.

4. The Contractor shall arrange to give all notices as required by any statutory / regulatory authority and shall pay to such authority all the fees that is required to be paid for the execution of work. He shall protect and indemnify the Institute and its officials & employees against any claim and /or liability arising out of violations of any such laws, ordinances, orders, decrees, by himself/herself or by his/her employees or his/her authorized representatives. Nothing extra shall be payable on these accounts.
5. The fee payable to statutory authorities for obtaining the various permanent service shall be borne by the Institute.

#### **14. Labour and Laws**

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

#### **15. Indemnification:**

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

## **16. Force Majeure:**

If at any time, during the continuance of this contract, the performance in whole or in part by either party of any obligation under this contract is prevented or delayed by reasons of any war, hostility, acts of public enemy, civil commotion, sabotage, fires, floods, explosion, epidemics quarantine restriction, strikes, lockouts or acts of god (hereinafter referred to as events) provided notice of happenings of any such event, is served by party seeking concession to the other as soon as practicable, but within 21 days from the date of occurrence and termination thereof. Provided the Party satisfies Institute adequately of the measures taken by it. Neither party shall, by reason of such event, be entitled to terminate this contract, nor shall either party have any claim for damages against the' other in respect of such non-performance or delay in performance. Further, the services under the contract shall be resumed as soon as practicable after such event has come to an end or ceased to exist and the decision of Institute as to whether the services have to resume or not shall be final and conclusive, provided further, that if the performance in whole or in part of any obligation under this contract is prevented or delayed by reason of any such event for a period exceeding 60 days, Institute may at his option, terminate the contract.

## **17. Dispute resolution**

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

## **18. Arbitration**

1. Except as otherwise provided anywhere in this Agreement, if any dispute, difference, the question of disagreement or matter, whatsoever, arises between the parties, as to the meaning, operation or effect of the Agreement or out of or relating to the Agreement or breach thereof, the same shall be referred to a Sole Arbitrator, to be appointment by the Director of the Institute at the time of the dispute.
2. If the Arbitrator, to whom the matter is originally referred, dies or refuses to act or resigns for any reasons from the position of arbitration, it shall be lawful for the Director of the Institute to appoint another person to act as Arbitrator in the manner aforesaid. Such person shall be entitled to proceed with the reference from the stage at which it was left by its predecessor, provided both the parties consent to this effect, failing which, the arbitrator shall be entitled to proceed on the matter de-novo.
3. It is a term of the Agreement that the party invoking the arbitration shall specify all disputes to be referred to arbitration at the time of invocation of arbitration under the clause.
4. It is a term of the contract that the cost of arbitration shall be borne by the parties themselves.
5. The place of the arbitration shall be Kanpur Nagar, Uttar Pradesh, India.
6. Subject as aforesaid, the provisions of the Arbitration and Conciliation Act, 1996 and any statutory modifications, amendments or re-enactment thereof and rules made the reunder and for the time being in force, shall apply to the arbitration proceeding under this clause.
7. Except as otherwise provided anywhere in this Agreement, the Arbitration proceedings shall be conducted in English and the Agreement shall be constructed, interpreted and governed by the law of India, for the time being in force.

## **19. Jurisdiction of Courts**

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

Executive Engineer