



# भारतीय प्रबंध संस्थान इंदौर

## INDIAN INSTITUTE OF MANAGEMENT INDORE

प्रबंध शिखर, राउ-पीथमपुर रोड, इंदौर- ४५३५५६ (म.प्र.), भारत

दूरभाष: ०७३१-२४३९ ६२० / ४४७

Prabandh Shikhar, Rau-Pithampur Road, Indore - 453556 (M.P.), India

Ph. 0731-2439 620/447

**E-Tender Notice No.:**

**IIMI/Project/07/2016/30**

**File No. IIMI/Project/2016/305**

### **Technical cum Commercial Bid**

**Name of Work:**

**Design, Construction / Manufacture, Supply, Installation, Testing, Commissioning and Maintenance of Passenger Lifts for NLT building, hostels FPM & SR-16 and Executive Residence-3 at IIM Indore**

***Certified that the NIT Document contains 39 pages***

# INDIAN INSTITUTE OF MANAGEMENT INDORE

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Dated: June 18, 2016

**NOTICE INVITING E-TENDER**

**Ref: E-Tender Notice No. NIT/Project/07/2016/30 File No. IIMI/Project/2016/305**

IIM Indore invites online item rate tender through e-procurement portal for the under mentioned work at IIM Indore from the bidders eligible as per the eligibility criteria mentioned in the tender document. The details are given below:

**Part "A" : NIT Details**

1	NIT No.: NIT/Project/07/2016/30	File No. IIMI/Project/2016/305
2	Name of Work	Design, Construction / Manufacture, Supply, Installation, Testing, Commissioning and Maintenance of Passenger Lifts for NLT building, hostels FPM & SR-16 and Executive Residence-3 at IIM Indore
3	Estimated Cost Put to Tender	Rs. 1,15,89,526/-
4	Earnest Money Deposit (Rs.)	Rs. 2,31,791/- by e-payment through electronic mode
5	Tender Processing Fee (Rs.)	Rs. 1,000/- by e-payment through electronic mode (Non-Refundable)
6	Completion period	SIX (06) Calendar Months including monsoon period
7	Mode of submission of tender	On-Line mode only
8	Pre-Bid Meeting	Not Applicable
9	Last date and time of availability of tender in the portal	Upto 02:00 PM on July 4, 2016 on website <a href="https://eprocure.gov.in/eprocure/app">https://eprocure.gov.in/eprocure/app</a> NIT is also available on website <a href="http://www.iimidr.ac.in">www.iimidr.ac.in</a> for view only.
10	Last date and time of closing of uploading/online submission of tender including scanned copy of EMD and tender Processing Fee details/receipts and other documents as specified	Upto 02:00 PM on July 4, 2016

11	Date & Time of online opening of technical bid	<b>02:30 PM on July 4, 2016</b> in the Office of the Chief Engineer, Administrative Block, IIM Indore M.P. -453556
12	Date and Time of opening of financial bid of qualified bidders	<b>Will be notified at a later date</b>
13	Security Deposit	2.5% of tendered value from bills
14	Performance Guarantee	5% of tendered value on acceptance of bid
15	Working Days	Normal working hours at the Institute is 09:00 AM to 5:30 PM on five days (Monday to Friday). Works are allowed generally only during working hours on working days

### **Part “B” : Guidelines for e-Tendering**

1. It is mandatory for all the applicants to have class II or III digital signature certification from licensed certifying agency like NIC, MTNL, e-mudra, TCS, safescrypt, GNFC etc.
2. The tender shall be submitted online in the prescribed format before the date and time as mentioned in NIT. No other mode of submission is acceptable.
3. The applicant have to upload the details of e-payment of processing fee & EMD before the last date & time and download the tender documents form the e-tendering portal <https://eprocure.gov.in/eprocure/app>.
4. Tenderer are advised to upload their documents well in time to avoid last minute rush on the server or complication in uploading. IIM Indore will not be responsible for any type of problem in uploading the documents. No hard copies for tender submission shall be entertained.
5. Detailed NIT can be viewed free of cost on IIM Indore website. Schedule of quantities (Financial bid form) can be download only from <https://eprocure.gov.in/eprocure/app>. Uploading of tender will be possible only after making payment of Tender Processing Fee and EMD.
6. Tender processing fee and EMD can be remitted online using online payment gateway of State Bank of India. For this Please Go to <https://www.onlinesbi.com> >> Click/select [State Bank Collect](#) >> click on [PROCEED](#) button >> Select [STATE OF CORPORATE INSTITUTION](#) as [Madhya Pradesh](#) >> then Select Type of Corporate Institution as [Educational Institutions](#) >> then click on [Go](#) button >> then select [IIM INDORE - FEES COLLECTION A/C](#) >> then select [TENDER PROCESSING FEE AND EMD](#).

## **Part “C” : Tender Requirements for Eligibility**

1. Contractors who fulfil the following requirements shall **ONLY** be eligible to apply (Joint Ventures are not accepted):
  - 1.1 **Criteria of eligibility for submission of bid documents:**

“The lift manufacturers approved by CPWD under Category-“A” are only eligible for the bid”
  - 1.2 **Certificates:** (scanned copy of following original certificates to be uploaded)
    - 1.2.1 **Valid Certificate of registration under CPWD Category “A” for Lifts.**
    - 1.2.2 **PAN (Permanent Account Number)**
    - 1.2.3 **Service Tax Registration Certificate**
2. The bid submitted shall become invalid and e-tender processing fee shall not be refunded if:
  - (i) If the bidder is found ineligible.
  - (ii) If the documents submitted by the successful bidder does not match with the originals before the award of work.
3. However, certified copy of all the scanned and uploaded documents as specified in NIT shall have to be submitted by the lowest bidder only within a week physically in the office of the “ Chief Engineer, Indian Institute of Management Indore, Prabandh Shikhar, Rau - Pithampur Road, Indore-453556 (M.P.).
4. Online bid documents submitted by intending bidders shall be opened only of those bidders, **who has deposited e-Tender Processing Fee and Earnest Money Deposit and other documents scanned and uploaded are found in order.**
5. Information and Instructions for bidders posted on website shall form part of bid document.
6. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website <https://eprocure.gov.in/eprocure/app> free of cost.
7. Those contractors not registered on the website mentioned above, are required to get registered beforehand. If needed the intending bidders may get acquainted with the process online from the [www.eprocure.gov.in](http://www.eprocure.gov.in) site itself.
8. The intending bidder must have valid class-II or III digital signature to submit the bid.

9. On opening date, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.
10. Contractor can upload documents in the form of JPG format and PDF format.
11. Contractor must ensure to quote rate of each item. 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).
12. The technical bid will be opened online first on due date and time as mentioned above. The time and date of opening of financial bid of contractors qualifying the technical bid shall be communicated to them at a later date.
13. Completed Tenders containing technical bid and price bid will be received ONLINE only on CPP Portal website <https://eprocure.gov.in/eprocure/app> at the fixed time and date indicated in the NIT. The Tenderer will be at liberty to be present either in person or through an authorized representative at the time of opening of the Technical Bid with the Bid Acknowledgement Receipt or they can view the bid opening event online at their remote end.
14. The competent authority on behalf of the Director IIM Indore does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.
15. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable for rejection.
16. The competent authority on behalf of the Director, IIM Indore 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.
17. *The bid for the works shall remain open for acceptance for a period of ninety (90) days.* If any bidders 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 IIM Indore shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the bidders shall not be allowed to participate in the rebidding process of the work.
18. This notice inviting Bid shall form a part of the contract document. The successful bidders/contractor, on acceptance of his bid by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of:-
  - i) 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.

- ii) Any other Standard C.P.W.D. Form / other forms as applicable/mentioned.
19. If there are any clarifications, this may be obtained online through the tender site, or thro' the contact details. Bidder should take into account the corrigendum published before submitting the bids online.
  20. It is construed that the bidder has read all the terms and conditions before submitting their offer. Bidder should go through the tender schedules carefully and upload the documents as asked; otherwise, the bid will be rejected.
  21. The bidder has to digitally sign and upload the required bid documents one by one as indicated. Bidders to note that the very act of using DSC for downloading the bids and uploading their offers shall be deemed to be a confirmation that they have read all sections and pages of the bid document including General conditions of contract without any exception and have understood the entire document and are clear about the requirements of the tender requirements.
  22. **The price bid format is provided in a spread sheet file like BoQ\_price bid.xls, the rates offered should be entered in the allotted space only and uploaded after filling the relevant columns. The Price Bid/BOQ template must not be modified/replaced by the bidder; else the bid submitted is liable to be rejected for this tender.**
  23. The bidders are requested to submit the bids through online e-tendering system to the Tender Inviting Authority (TIA) well before the bid submission end date & time (as per Server System Clock). The TIA will not be held responsible for any sort of delay or the difficulties faced during the submission of bids online by the bidders at the eleventh hour. Tenderers are advised to upload their documents well in time to avoid last minute rush on the server.
  24. The time settings fixed in the server side & displayed at the top of the tender site, will be valid for all actions of requesting, bid submission, bid opening etc., in the e-tender system. The bidders should follow this time during bid submission.
  25. Certificate of financial turn over: At the time of submission of bid, contractor may upload Undertaking / certificate from CA mentioning Financial Turnover of last 3 Year or for the period as specified in the bid document.
  26. IF ANY INFORMATION FURNISHED by the applicant is found to be incorrect at a later stage, they shall be liable to be debarred from tendering/ taking up works in IIM INDORE.
  27. Canvassing in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.
  28. Short listing of the agencies shall be subject to through verification of their credentials and inspection of works carried out by them, through a Technical Evaluation committee of experts, constituted by IIM Indore.

**29. TAXES :**

- i) This works comes under Works contract. Works contract Tax/MPVAT as applicable shall be deducted from each bill paid to the contractor.
- ii) Sales tax or any other tax on material in respect of this contract shall be payable by the contractor and IIM Indore will not entertain any claim whatsoever in this respect.
- iii) Contractor should get registered under SERVICE TAX and service tax as applicable as per the extant order on the subject work shall be paid by the contractor to concerned department and the same will be reimbursed by the Institute after satisfying that it has been actually and genuinely paid by the contractor. The bidder should not consider Service Tax in his rates.
- iv) Labour Welfare cess @ 1 % of gross value of work done shall be recovered from each bill paid to the contractor.
- v) Income Tax and cess as applicable shall be deducted from each bill paid to the contractor.
- vi) Contractor, should be registered under EPF & ESIC and as per law, shall pay EPF & ESIC of contract workers to concerned Department from time to time. The same will be reimbursed to him by the department after satisfying that it has been actually and genuinely paid by the contractor, The bidder should not consider EPF & ESIC in his rates.
- vii) Any other taxes/cess as per government directives shall be deducted from each bill paid to the contractor from time to time.

**30.** The specifications, Terms & Conditions, other regulations which are not herein mentioned will be guided by relevant CPWD / Bombay lift act/ BIS /Other Central Govt./state Govt. norms, OEM standards applicable for IIM Indore & the decision in this regard will be guided by the decision of the respective authority of IIM Indore which shall be final and binding to the contractor.

**31.** For any queries regarding e-tendering process, the bidders are requested to contact as provided in the tender document. Parallely for any further queries, the bidders are asked to contact over phone: 0120-4200462, 0120-4001002, 91 8826246593 or send a mail over to [cppp-nic@nic.in](mailto:cppp-nic@nic.in)

**Part “D” : List of Documents to be scanned and uploaded**

Scanned copies of the following original certificates are to be uploaded:

- i) Valid Certificate of registration under CPWD Category “A”.
- ii) PAN (Permanent Account Number)
- iii) Service Tax Registration Certificate
- iv) E-payment details towards cost of tender processing fee & EMD
- v) Bar chart for the execution of project with in the stipulated period of completion.



- vi) Any other document that bidder felt necessary in support of his candidature.
- vii) Schedule of Price Bid in the form of BoQ\_.xls

**IMPORTANT NOTE:**

1. Tender documents may be downloaded from Central Public Procurement Portal <https://eprocure.gov.in/eprocure/app>. Aspiring Bidders/ Suppliers who have not enrolled / registered in e-procurement should enroll /register before participating through the website [www.eprocure.gov.in](http://www.eprocure.gov.in). The portal enrolment is free of cost.
2. Tenderers can access tender documents on the website, fill them with all relevant information and submit the completed tender document into electronic tender on the website <https://eprocure.gov.in/eprocure/app>.
3. Tenders and supporting documents should be uploaded through e-procurement. Hard copy of the tender documents will not be accepted.
4. In the event of work award, the documents submitted by the successful bidder shall be verified with the originals before the award of work.

**Dated: June 18, 2016**  
**Place: Indore (M.P.)**

**Sd/-**  
**(V.P. Thomas)**  
**Chief Engineer**

## Detailed Notice Inviting e-Tender

**Ref: e-Tender Notice No. NIT/Project/07/2016/30**  
**File No. IIMI/Project/2016/305**

### **Commercial and Additional Conditions**

#### **1.0 General**

- 1.1 This specification covers manufacture, testing as may be necessary before dispatch, deliver at site, all preparatory work, assembly and installation, commissioning putting into operation of passenger lift.
- 1.2 Location:  
The passenger lift will be installed at NLT, FPM, SR-16 and ER-3 buildings at IIM Indore campus.
- 1.3 The work shall be executed as per CPWD general specifications for electrical works (Part-III Lifts & Escalators-2003) with upto date amendments) as per relevant IS 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.
- 1.4 The Tenderer should in his own interest visit the site and familiarize himself with the site conditions before tendering.
- 1.5 No T&P shall be issued by the IIM Indore 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 Employer reserves the right to alter the mode of selection, accept or reject any or all bids without assigning any reason thereof.
- 2.3 Necessary clarification required by the IIM Indore shall have to be furnished by the Tenderer within the time given by the IIM Indore for the same. The Tenderer will have to depute his representative to discuss with the officer(s) of the IIM Indore as and when so desired. In case, in the opinion of the IIM Indore a Tenderer is taking undue long time in furnishing the desired clarifications, his bid will be rejected without making any reference.

- 2.4 The Tenderer will have to fill up their rates only in the price bid in BoQ format. Tenders in which the price bids are given in any other format are liable to be rejected.
- 2.5 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 IIM Indore.
- 2.6 The IIM Indore 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.
- 2.7 **Shop drawings:** The Contractor shall submit GA drawings of Lift System to Engineer-in-Charge for approval before commencement of work at site/fabrication/ manufacture. Shop drawings made on AutoCAD and colored prints, coordinated with other works, shall incorporate elevator manufacturer details and dimensions to ensure that same can be installed in space provided. Facilities for proper maintenance repair and replacement of the equipment shall be clearly shown in the drawings. The coordinator shall also ascertain that facilities provided by other agencies in the form of space, access, lighting, ventilation and the like proposed / provided are adequate. The shop drawing shall be got approved from the Engineer-in-charge before under-taking manufacturing / fabrication / installation activities.

### **3.0 Terms of Payment, Security Deposit and Performance Guarantee:**

#### **3.1 Terms of Payment:**

Payments shall be released as per General Conditions of contract and the following conditions. All interim payments shall have deductions towards advances and other contract conditions.

- **70 %** of the value indicated against each item of work shall be made after delivery at site in good condition on pro-rata basis subject to deductions to be made against advances and security deposit.
- **20 %** of the value indicated against each item of the work shall be made after installation of the equipments and accessories at site in good condition and on giving successful trial run at site.
- **10%** on completion of testing, commissioning, handing over to the IIM Indore for beneficiary use and after submission of statutory approval as required.

#### **3.2 Security deposit:**

*The security deposit will be collected by deductions from the running bill of the contractor at the rate mentioned below. The security deposit can also be deposited in cash or in the form of Government Securities, Fixed Deposit Receipts etc.*

A sum @ 2.5% of the gross amount of the bill will be deducted from each running bill *as well as final bill* of the contractor. Such deductions will be made unless the contractor has deposited the amount of security at the rate

mentioned in cash or Government securities or Fixed Deposit Receipts.

This is in addition to the performance guarantee that the contractor is required to deposit as per clause mentioned in the tender document.

Security deposit can be released against bank guarantee issued by a schedule bank on its accumulation to a minimum amount of Rs. 5 lakhs subject to the condition that amount of any bank guarantee except last one, shall not be less than Rs. 5 lakhs.

The Bank Guarantee submitted against Security Deposit shall initially be valid up to the stipulated date of completion of the work plus two month minimum.

Refund of security deposit: The Security Deposit will be released after completion of defect liability period of one year.

### 3.3 Performance Guarantee:

3.3.1 The tender shall guarantee among other things, the following:

- (a) Quality, strength and performance of the materials used.
- (b) Safe mechanical and electrical stress on all parts under all specified conditions of operation.
- (c) Satisfactory operation during the maintenance period.

3.3.2 The contractor whose bid is accepted will be required to furnish performance guarantee of 5% (Five Percent) of the bid amount within Ten days of issue of LOI. This guarantee may be in the form of Banker's cheque of any scheduled bank/Demand Draft of any scheduled bank/ Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form in CPWD manual. In case the contractor fails to deposit the said performance guarantee within the period as indicated above, including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor. The earnest money deposited along with bid shall be returned after receiving the aforesaid performance guarantee.

**Refund of performance guarantee:** The performance guarantee shall be refunded to the contractor soon after the completion of the work and recording of the completion certificate as above. *However, in case of contracts involving maintenance of building and services/ other work after construction of same building and services/other work, 50% of Performance Guarantee shall be retained as Security Deposit. The same shall be returned year wise proportionately.*

### 4.0 Rates:

4.1 Subject to the nomenclature of the item as per schedule of quantities, the specification indicated in the tender documents, the rates quoted shall include charges for packing forwarding, insurance, freight and delivery, installation, testing, commissioning at site, cost of all materials including royalty & taxes if any, labor, sundry inputs, execution of work at all heights, levels, pattern and design for all leads, lifts and depths including overhead charges and contractor's profit. Nothing extra shall be paid on this account.

4.2 The contractor has to carry out routine & preventive maintenance for 12 months (Defect liabilities period) from the date of handing over. Nothing extra shall be paid.

#### **5.0 Completeness of tender:**

All sundry equipment, fittings, units 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 be deemed to have been included in the tender irrespectively of the whether such items are specifically mentioned in the tender document or not.

6.0 For items/equipments requiring initial inspection at manufacturer's work's the contractor will intimate the date of testing of equipment at the manufacturer's works before dispatch. The IIM Indore also 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 IIM Indore'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 the Engineer's visit to the factory will be born by the contractor. Also equipment may be inspected at the manufacturers premises, before dispatch to the site by the contractor.

7.0 The lift machine room may be used for storage of sundry material and erection equipments if available or else the agency has to make his own arrangement. No separate storage accommodation shall be provided by the IIM Indore. Watch and ward if the stores and their safe custody shall be the provided by the IIM Indore. 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 IIM Indore.

#### **8.0 Completion Period:**

The completion period of 06 (six) months indicated in the tender document is for the entire work of planning, designing, manufacturing, supplying, installation, testing, commissioning and handing over of the entire system to the satisfaction of the Engineer-in-Charge.

#### **9.0 Guarantee:**

All equipments shall be guaranteed for a period of 12 months from the date of taking over the lift by the institute against unsatisfactory performance and/or break down due to defective design, workmanship of material. The equipments or 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 IIM Indore at the risk and cost of the contractor. The decision of the Engineer-in Charge in this regard shall be final.

## **10.0 Power Supply:**

Electric service connection of 415V ( $\pm 10\%$ ), 3 Phase, 4 wires, 50 Hz, AC supply shall be provided by the institute for installation purpose free of charge.

## **11.0 Water Supply:**

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

## **12.0 Data Manual and Drawings to be furnished by the Tenderers:**

- 12.1 **With Tender:** The tenderer shall furnish along with the tender, detailed technical literature, pamphlets and performance data for appraisal and evaluation of the offer.
- 12.2 **After Award of work:** The successful tenderer would be required to submit the following drawings within 15 days of award of the work for approval before commencement of installation.
- a) All general arrangement drawings.
  - b) Details of foundations for the equipment, load data, location etc. of various assembled equipments 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.
  - c) Complete layout dimensions for every unit/group of units with dimensions required for erection purpose.
  - d) Any other drawings/information not specified above but deemed to be necessary for the job by the contractor.

## **13.0 Completion documents**

The contractors shall submit following documents

- a. Three sets of operation and maintenance manual with support drawings after completion of work.
- b. Three sets of routine and type test certificates of the equipments carried out at the manufacturer's premises and pre-commissioning tests carried out at site.
- c. Three sets of as built "Completion" drawings.

## **14.0 Extent of work:**

- 14.1 The work shall comprise of entire labor 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 equipments 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.

- 14.2 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.
- 14.3 Maintenance (Routine & preventive) for One year from date of completion and handing over.
- 14.4 The work is turn key project. Any item required for completion of the project (like ELCB/RCCB/Isolators/MCBs/Fuses and any other items) but left-in- advertantly shall be executed with-in the quoted rates.
- 15.0 After completion of the work in all respect the contractor shall offer the installation for testing and operation.
- 16.0 Validity: The bid shall remain valid for a period not less than Ninety (90) days after the deadline for submission of bid.

#### 17.0 COMPLIANCE WITH REGULATIONS AND INDIAN STANDARDS

17.1 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 these specifications. In particular, the equipment and installation will comply with the following:

- (i) Factories Act.
- (ii) Indian Electricity Rules
- (iii) I.S.& BS Standards as applicable
- (iv) Workmen's compensation Act
- (v) Statutory norms prescribed by local bodies like Electricity Safety Authority, MPPKVV Co. Ltd, Electrical Inspectorate & safety Department, Government of M.P. etc.
- (vi) Bombay Lift Act
- (vii) Any other statutory approvals/norms as required by the IIM Indore.

17.2 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.

17.3 Successful tenderer shall arrange for compliance with statutory provisions of safety regulations and owners requirements of safety codes in respect of labour employed on the work by the tenderer.

#### 17.4 STATUTORY APPROVALS;

The Contractor shall submit required applications, drawings, etc., to the corporation, lift inspector, electrical inspector, factory inspector and/or any other statutory authority and obtain their approval, licenses and/or sanctions.

Obtaining approval from Lift inspector and NOC from M.P. Fire Service for satisfactory installation of the lift system as also for clearance to put the lift into regular use.

Obtaining any other statutory permission/clearance/approval from concerned authority as required.

Pay any licensing fee/submission fee/inspection fee payable to statutory authorities for obtaining above approvals.

Final completion certificate shall be obtained by the Contractor from all statutory authorities to enable the lifts to be commissioned for utilization.

The work shall not be deemed to have been completed until the above approval, certificates, etc., have been obtained by the Contractor.

No extra shall be paid for this.

## **18.0 INDEMNITY**

The successful tenderer/bidder shall at all times indemnify the IIM Indore, consequent on this works contract. The successful tenderer/bidder shall be liable, in accordance with the Indian Law and Regulations for any accident occurring due to any cause and the IIM Indore shall not be responsible for any accident or damage incurred or claims arising there from during the period of erection, construction and putting into operation the equipments and ancillary equipment under the supervision of the successful tenderer/bidder in so far as the latter is responsible. The successful tenderer/bidder 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/bidder due to the above

## **19.0 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 IIM Indore for such technical cooperation. If any unreasonable hindrance is caused to other agencies and any completed 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.

## **20.0 Mobilization advance:**

No mobilization advance shall be paid for this work.

## **21.0 Insurance and storage:**

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

## **22.0 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.



**23.0 Painting:**

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

**24.0 Training:**

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

**25.0 Maintenance:**

25.1 Sufficient trained and experienced 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.

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

**26.0 Interpreting specifications**

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

- a) Schedule of Quantity
- b) Technical specifications
- c) Drawings (if any)
- d) General Specifications
- e) Relevant IS or other international codes in case IS code is not available.

**27.0** A separate supplementary agreement shall be made with the successful tenderer for Comprehensive Maintenance for 5 (Five) years after guarantee period of 1 (one) year. The payment for comprehensive maintenance shall be made quarterly after the end of each quarter.

**28.0 Care of the Building:**

Care shall be taken by the contractor while handling and installing the various equipments 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 materials arising out of the installation from the site of work.

**29.0 Erection Tools**

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

**INTEGRITY PACT**

To,  
.....,  
.....,  
.....

Sub: NIT No. IIMI/Project/07/2016/30 File No. IIMI/Projetc/2016/305 for the work of “Design, Construction / Manufacture, Supply, Installation, Testing, Commissioning and Maintenance of Passenger Lifts for NLT building, hostels FPM & SR-16 and Executive Residence-3 at IIM Indore”.

Dear Sir,

It is here by declared that IIM Indore 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 IIM Indore.

Yours faithfully

Chief Engineer

To,  
The Chief Engineer,  
IIM Indore (M.P.)

Sub: NIT No. IIMI/Project/07/2016/30 File No. IIMI/Projetc/2016/305 for the work of “Design, Construction / Manufacture, Supply, Installation, Testing, Commissioning and Maintenance of Passenger Lifts for NLT building, hostels FPM & SR-16 and Executive Residence-3 at IIM Indore”.

Dear Sir,

I/We acknowledge that IIM Indore 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 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 IIM Indore. 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, IIM Indore 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)**

To be signed by the bidder and same signatory competent / authorized to sign the relevant contract on behalf of IIM Indore.

### INTEGRITY AGREEMENT

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

#### BETWEEN

The Director, IIM Indore represented through Chief Engineer, IIM Indore, (Hereinafter referred as the IIM Indore, Prabandh Shikhar, Rau-Pithampur Road, Indore ‘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 (NIT No. IIMI/Project/07/2016/30 File No. IIMI/Project/2016/305) (hereinafter referred to as “Tender/Bid”) and intends to award, under laid down organizational procedure, contract for “Design, Construction / Manufacture, Supply, Installation, Testing, Commissioning and Maintenance of Passenger Lifts for NLT building, hostels FPM & SR-16 and Executive Residence-3 at IIM Indore”. 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.

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 / Department 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.

(d) 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 willful 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 of 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 Subcontractors/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.

#### **Article 6- Duration of the Pact**

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

bidder, till the Contract has been awarded. 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, IIM Indore.

**Article 7- Other Provisions**

(1) This Pact is subject to Indian Law, place of performance and jurisdiction is the Headquarters 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 intensions.

(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:



## AGREEMENT

THIS AGREEMENT made at Indore on the \_\_\_\_\_ day of \_\_\_\_\_ 2016 between Indian Institute of Management Indore Rau- Pithampur Road, Indore (hereinafter called "The IIM INDORE" which expression shall, unless repugnant to the context or meaning thereof, include its administrators, successors and assigns) of the \_\_\_\_\_ one \_\_\_\_\_ part AND \_\_\_\_\_

\_\_\_\_\_ (herein after called "The Contractor" which expression shall, unless repugnant to the context or meaning thereof, include its successors and permitted assigns) of the other part.

### WHEREAS

The IIM INDORE is desirous of carrying out the "NIT No. IIMI/Project/07/2016/31 File No. IIMI/Projetc/2016/305 for the work of "Design, Construction / Manufacture, Supply, Installation, Testing, Commissioning and Maintenance of Passenger Lifts for NLT building, hostels FPM & SR-16 and Executive Residence-3 at IIM Indore".

The Works are to be executed as per the schedules mentioned in tender document drawings and specifications describing the works to be done.

The Contractor has agreed to execute the said works subject to the provisions hereinafter contained and subject also to General Conditions of Contract, Special conditions of contract, Safety Code, Model Rules for the protection of health and Sanitary arrangements for workers, Specifications, Preambles and Schedule of Quantities and installation schedule (all of which are hereinafter collectively referred to as the 'said tender conditions') and strictly in accordance with the Scope of work annexed hereto at or for the respective rates set out in the Schedule of Quantities amounting to the sum as there under arrived at or such other sums as shall become payable there under (hereinafter referred to as the said tendered amount).

### NOW IT IS HEREBY AGREED AS FOLLOWS: -

1. In consideration of the said tendered amount to be paid by The IIM INDORE to the Contractor at the time and in the manner set forth in the said tender conditions and in accordance with the Schedule of Payments to execute and complete the work shown upon the said Drawings strictly in accordance with

the specifications and Schedule of Quantities.

2. The said tender conditions, scope of work and the annexures hereto shall be read and considered as forming part of this contract and the parties hereto shall respectfully abide by to the said conditions and perform the agreement on their part respectively contained in the said conditions.
3. The approved drawings if any, notice inviting tenders technical specification etc. shall also form the basis of this contract.
4. This contract is neither a Lump sum Contract, nor a piece work contract, but is a contract on item rate basis to be carried out and to be paid for according to the Schedule of Payments at the rates contained in the Schedule of Quantities.
5. The contract herein contained shall comprise not only the works mentioned above but all subsidiary works connected therewith within the same site as may be ordered to be done from time to time by the said Engineer In charge for the time being, even if such work may not be shown on the said Drawings or described in the said Specifications and Schedule of Quantities.
6. The IIM INDORE reserves to themselves the right of altering the drawings and the nature of the work by adding to or omitting from the scope of work any item of work or portions of the same without prejudice to this contract.
7. Time shall be considered as the essence of this contract and the Contractor hereby agrees to commence the work within 10 days from the date of work order or from the date of handing over of the site, as provided for in the said terms and conditions, whichever is later, and shall complete the entire work within the specified period, subject nevertheless the provisions for extension of time as may be agreed to by the IIM INDORE and as contained in the said conditions.
8. All payments by the IIM INDORE under this contract shall be made only at Indore.
9. All disputes arising out of or in any way connected with this contract shall be deemed to have arisen at Indore and courts in Indore only shall have jurisdiction to determine the same.
10. That the contract and several parts of this contract have been read by the contractor and fully understood by him. The contractor shall not be entitled for payment beyond tendered quantities unless ordered specifically by written instructions of Director IIM INDORE.

11. This contract shall be signed in duplicate, the original whereof shall be kept in the custody of the IIM INDORE, and the duplicate with the Contractor.

IN WITNESS WHEREOF the IIM INDORE has set his hands hereunto and two duplicates hereof through his duly authorized official and the Contractor has caused these presents and two duplicates hereof under his common seal by his duly authorized representative at the place and on the date month and year first herein above written.

SIGNED, SEALED AND DELIVERED by IIM INDORE, by the hand of

Signature:  
Name:  
Designation:

IN THE PRESENCE OF

(1) Signature:  
Name:  
Address:

(2) Signature:  
Name:  
Address:

SIGNED, SEALED AND DELIVERED BY the Contractor M/s. \_\_\_\_\_  
\_\_\_\_\_.

Signature:  
Name:  
Designation:

IN THE PRESENCE OF

(1) Signature:  
Name:  
Address:

(2) Signature:  
Name:  
Address:

# TECHNICAL SPECIFICATIONS FOR PASSENGER LIFTS

## 1.0 NLT Building, IIM Indore

Sr. No.	Items	Requirement
<b>A</b>	<b>General</b>	
1.1	Number of Lifts	<b>01 lift</b>
1.2	Capacity	<b>08 passengers (544 kgs.)</b>
1.3	Speed	01 MPS
1.4	Number of Landings	<b>03 stops, 03 levels (G.F. to 2nd floor).</b>
1.5	Number of openings	3 opening on the same side
1.6	Travel	13 Mtr approx.
1.7	<i>Machine room location</i>	Top of the shaft
1.8	<i>Machine details</i>	
	<i>Platform</i>	<b>Gearless with Machine Room (Capsule type)</b>
	<i>Control</i>	AC Variable voltage variable frequency (VVVF) (Microprocessor control)
	<i>Operation</i>	Simplex full collective - selective
1.9	<i>Hoist way dimensions</i>	
	<i>Width (along door)</i>	2350 mm
	<i>Deep (90° to door)</i>	1250 mm
1.10	<i>Head room above last landing</i>	5000 mm
1.11	<i>Pit depth</i>	1600 mm
	<i>Car</i>	
1.13	<i>Car Enclosure</i>	<b>Stainless steel sheet of Grade 304, 18 SWG thick in brush hairline finish with rear side of 12 mm thick toughened clear glass (Capsule Type)</b>
1.14	<i>Car ceiling</i>	Stainless Steel sheet (Grade 304), 18 SWG thick false ceiling of approved finish with pressure fan and sufficient no. Of LED light fittings as required.
1.15	<i>Car floor</i>	Car floor/ platform shall consist of a structural steel frame designed on the basis of rated load covered with a M.S steel plate, Including rubber mat floor (minimum 5 mm thick) of required size.

1.16	<i>Car and landing doors</i>	Automatic power operated; centre opening, having minimum opening of 800 mm W x 2100 mm H horizontal sliding fire rated, minimum 12mm thick toughened full glass door with stainless steel sheet frame finish, smooth and free from defects, having safety with full curtain integrated infrared door sensor.
1.17	<i>Car size</i>	Shall not be less than as specified in IS/ CPWD - Specifications Part-III lifts & elevators 2003 with upto date amendments.
1.18	<b>Automatic rescue device (ARD)</b>	ARD with SMF batteries shall be provided for the lift other than fire elevator for rescue of passengers, in event of power failure.
2.0	<b><i>Fixtures / signals inside car</i></b>	
2.1	<i>Hand rail</i>	Stainless Steel Round Tubular of dia 38 mm on three sides
2.2	<i>Normal lighting</i>	LED recessed type
2.3	<i>Emergency light and alarm bell (to security room)</i>	With SMF battery operated with charger rated for 1 Hrs.
2.4	<i>Ventilation</i>	Pressure Fan
2.5	<i>Operating buttons and indications</i>	Full length stainless steel operating panel with following buttons and indications.
		LED illuminated push buttons of microprocessor type corresponding to the floors served
		Door open, Door close buttons
		<u>Emergency stop button if Required as per IS standard.</u>
		Emergency alarm button
		Two position key operated switch for 'with attendant' and 'without attendant' operation.
		Ventilation fan ON/OFF switch with auto OFF when there is no call after 120 seconds.
		Built in intercom of the hands free type.
		Dynamic car direction display Seven Segment LED type
		Digital Car position indicator
		Visual overload warning indicator
2.6	<i>Music</i>	To be provided
2.7	<i>Voice Synthesizer</i>	<u>Compulsory to be provided</u>
3.0	<b><i>Landing signals</i></b>	

3.1	<i>Hall buttons</i>	Self-illuminating micro-push type in hair line stainless steel facia plates
3.2	<i>Car Position</i>	Digital indicator with direction of travel
3.3	<i>Hall gong</i>	Up/down indicator with single stroke gong/chime at all landings
<b>4.0</b>	<b><i>Safety features</i></b>	
4.1	<i>Door safety</i>	<u>Electronic detectors Infra red Screen Sensor.</u>
4.2	<i>Buffer</i>	Spring Buffer to be provided
4.3	<i>Overload protection</i>	<ul style="list-style-type: none"> <li>➤ Overload protective device</li> <li>➤ Overload non-starter.</li> </ul>
4.4	<i>Over travel protection</i>	Terminal and final limit switches to be provided
4.5	<i>Motor protection</i>	<p>Trip devices for:</p> <ul style="list-style-type: none"> <li>➤ Over current</li> <li>➤ Under voltage</li> <li>➤ Over voltage</li> <li>➤ Single phasing</li> <li>➤ Earth leakage</li> <li>➤ Phase reversal</li> </ul>
4.6	<i>Interlocking of car and hoist way doors</i>	To be provided as per specifications.
<b>5.0</b>	<b><i>Associated Civil and structural items</i></b>	All civil and structural items of work associated with erection and operation of lifts shall be provided by the Contractor at his cost including following:
		Temporary Scaffolding and safety barricades for erection in and around lift hoist ways
		Bearing plates
		Buffer supports
		Facia plates
		Ladder in pits
		Safety railing on top of car
		Channels, separators, stretchers etc.
		Structural foundations etc.
		Sill projection - MS angle/RSJ/Channel etc.
6.0	<i>Fireman's switch</i>	To be provided at GF
7.0	<b><i>Free Comprehensive Maintenance Period</i></b>	<b>ONE YEARS</b> after completion of work and handing over of the Lifts in satisfactory operating condition.

## 2.0 FPM Building, IIM Indore

Sr. No.	Items	Requirement
<b>A</b>	<b>General</b>	
1.1	Number of Lifts	<b>01 lift</b>
1.2	Capacity	<b>08 passengers (544 kgs.)</b>
1.3	Speed	01 MPS
1.4	Number of Landings	<b>04 stops, 04 levels (G.F. to 3<sup>rd</sup> floor).</b>
1.5	Number of openings	4 opening on the same side
1.6	Travel	16 Mtr approx
1.7	<i>Machine room location</i>	Top of the shaft
1.8	<i>Machine details</i>	
	<i>Platform</i>	<b>Gearless with Machine Room (Capsule type)</b>
	<i>Control</i>	AC Variable voltage variable frequency (VVVF) (Microprocessor control)
	<i>Operation</i>	Simplex full collective - selective
1.9	<i>Hoist way dimensions</i>	
	<i>Width (along door)</i>	2350 mm
	<i>Deep (90° to door)</i>	1250 mm
1.10	<i>Head room above last landing</i>	5000 mm
1.11	<i>Pit depth</i>	1600 mm
	<i>Car</i>	
1.13	<i>Car Enclosure</i>	<b>Stainless steel sheet of Grade 304, 18 SWG thick in brush hairline finish with rear side of 12 mm thick toughened clear glass (Capsule Type)</b>
1.14	<i>Car ceiling</i>	Stainless Steel sheet (Grade 304), 18 SWG thick false ceiling of approved finish with pressure fan and sufficient no. Of LED light fittings as required.
1.15	<i>Car floor</i>	Car floor/ platform shall consist of a structural steel frame designed on the basis of rated load covered with a M.S steel plate, Including rubber mat floor (minimum 5 mm thick) of required size.

1.16	<i>Car and landing doors</i>	Automatic power operated; centre opening, having minimum opening of 800 mm W x 2100 mm H horizontal sliding fire rated, minimum 12mm thick toughened full glass door with stainless steel sheet frame finish, smooth and free from defects, having safety with full curtain integrated infrared door sensor.
1.17	<i>Car size</i>	Shall not be less than as specified in IS/ CPWD - Specifications Part-III lifts & elevators 2003 with upto date amendments.
1.18	<b>Automatic rescue device (ARD)</b>	ARD with SMF batteries shall be provided for the lift other than fire elevator for rescue of passengers, in event of power failure.
2.0	<b><i>Fixtures / signals inside car</i></b>	
2.1	<i>Hand rail</i>	Stainless Steel Round Tubular of dia 38 mm on three sides
2.2	<i>Normal lighting</i>	LED recessed type
2.3	<i>Emergency light and alarm bell (to security room)</i>	With SMF battery operated with charger rated for 1 Hrs.
2.4	<i>Ventilation</i>	Pressure Fan
2.5	<i>Operating buttons and indications</i>	Full length stainless steel operating panel with following buttons and indications.
		LED illuminated push buttons of microprocessor type corresponding to the floors served
		Door open, Door close buttons
		<u>Emergency stop button if Required as per IS standard.</u>
		Emergency alarm button
		Two position key operated switch for 'with attendant' and 'without attendant' operation.
		Ventilation fan ON/OFF switch with auto OFF when there is no call after 120 seconds.
		Built in intercom of the hands free type.
		Dynamic car direction display Seven Segment LED type
		Digital Car position indicator
		Visual overload warning indicator
2.6	<i>Music</i>	To be provided
2.7	<i>Voice Synthesizer</i>	<u>Compulsory to be provided</u>
3.0	<b><i>Landing signals</i></b>	



3.1	<i>Hall buttons</i>	Self-illuminating micro-push type in hair line stainless steel facia plates
3.2	<i>Car Position</i>	Digital indicator with direction of travel
3.3	<i>Hall gong</i>	Up/down indicator with single stroke gong/chime at all landings
<b>4.0</b>	<b><i>Safety features</i></b>	
4.1	<i>Door safety</i>	<u>Electronic detectors Infra red Screen Sensor.</u>
4.2	<i>Buffer</i>	Spring Buffer to be provided
4.3	<i>Overload protection</i>	<ul style="list-style-type: none"> <li>➤ Overload protective device</li> <li>➤ Overload non-starter.</li> </ul>
4.4	<i>Over travel protection</i>	Terminal and final limit switches to be provided
4.5	<i>Motor protection</i>	<p>Trip devices for:</p> <ul style="list-style-type: none"> <li>➤ Over current</li> <li>➤ Under voltage</li> <li>➤ Over voltage</li> <li>➤ Single phasing</li> <li>➤ Earth leakage</li> <li>➤ Phase reversal</li> </ul>
4.6	<i>Interlocking of car and hoist way doors</i>	To be provided as per specifications.
<b>5.0</b>	<b><i>Associated Civil and structural items</i></b>	All civil and structural items of work associated with erection and operation of lifts shall be provided by the Contractor at his cost including following:
		Temporary Scaffolding and safety barricades for erection in and around lift hoist ways
		Bearing plates
		Buffer supports
		Facia plates
		Ladder in pits
		Safety railing on top of car
		Channels, separators, stretchers etc.
		Structural foundations etc.
		Sill projection - MS angle/RSJ/Channel etc.
6.0	<i>Fireman's switch</i>	To be provided at GF
7.0	<b><i>Free Comprehensive Maintenance Period</i></b>	<b>ONE YEARS</b> after completion of work and handing over of the Lifts in satisfactory operating condition.

### 3.0 ER-3 Building, IIM Indore

Sr. No.	Items	Requirement
<b>A</b>	<b>General</b>	
1.1	Number of Lifts	<b>01 lift</b>
1.2	Capacity	<b>08 passengers (544 kgs.)</b>
1.3	Speed	01 MPS
1.4	Number of Landings	<b>03 stops, 03 levels (G.F. to 2<sup>nd</sup> floor).</b>
1.5	Number of openings	3 opening on the same side
1.6	Travel	12 Mtr approx
1.7	<i>Machine room location</i>	<b>MRL (Machine Room Less)</b>
1.8	<i>Machine details</i>	
	<i>Platform</i>	<b>Gearless without Machine Room (Gearless MRL)</b>
	<i>Control</i>	AC Variable voltage variable frequency (VVVF) (Microprocessor control)
	<i>Operation</i>	Simplex full collective - selective
1.9	<i>Hoist way dimensions</i>	
	<i>Width (along door)</i>	2200 mm
	<i>Deep (90° to door)</i>	2000 mm
1.10	<i>Head room above last landing</i>	NA
1.11	<i>Pit depth</i>	1600 mm
	<i>Car</i>	
1.13	<i>Car Enclosure</i>	<b>Stainless steel sheet of Grade 304, 18 SWG thick in brush hairline finish</b>
1.14	<i>Car ceiling</i>	Stainless Steel sheet (Grade 304), 18 SWG thick false ceiling of approved finish with pressure fan and sufficient no. Of LED light fittings as required.
1.15	<i>Car floor</i>	Car floor/ platform shall consist of a structural steel frame designed on the basis of rated load covered with a M.S steel plate, Including rubber mat floor (minimum 5 mm thick) of required size.

1.16	<i>Car and landing doors</i>	Automatic power operated; Centre opening, having minimum opening of 800 mm W x 2100 mm H horizontal sliding fire rated, minimum 12mm thick toughened full glass door with stainless steel sheet frame finish, smooth and free from defects, having safety with full curtain integrated infrared door sensor.
1.17	<i>Car size</i>	Shall not be less than as specified in IS/ CPWD - Specifications Part-III lifts & elevators 2003 with upto date amendments.
1.18	<b>Automatic rescue device (ARD)</b>	ARD with SMF batteries shall be provided for the lift other than fire elevator for rescue of passengers, in event of power failure.
2.0	<b><i>Fixtures / signals inside car</i></b>	
2.1	<i>Hand rail</i>	Stainless Steel Round Tubular of dia 38 mm on three sides
2.2	<i>Normal lighting</i>	LED recessed type
2.3	<i>Emergency light and alarm bell (to security room)</i>	With SMF battery operated with charger rated for 1 Hrs.
2.4	<i>Ventilation</i>	Pressure Fan
2.5	<i>Operating buttons and indications</i>	Full length stainless steel operating panel with following buttons and indications.
		LED illuminated push buttons of microprocessor type corresponding to the floors served
		Door open, Door close buttons
		<u>Emergency stop button if Required as per IS standard.</u>
		Emergency alarm button
		Two position key operated switch for 'with attendant' and 'without attendant' operation.
		Ventilation fan ON/OFF switch with auto OFF when there is no call after 120 seconds.
		Built in intercom of the hands free type.
		Dynamic car direction display Seven Segment LED type
		Digital Car position indicator
		Visual overload warning indicator
2.6	<i>Music</i>	To be provided
2.7	<i>Voice Synthesizer</i>	<u>Compulsory to be provided</u>
3.0	<b><i>Landing signals</i></b>	

3.1	<i>Hall buttons</i>	Self-illuminating micro-push type in hair line stainless steel facia plates
3.2	<i>Car Position</i>	Digital indicator with direction of travel
3.3	<i>Hall gong</i>	Up/down indicator with single stroke gong/chime at all landings
<b>4.0</b>	<b><i>Safety features</i></b>	
4.1	<i>Door safety</i>	<u>Electronic detectors Infra-red Screen Sensor.</u>
4.2	<i>Buffer</i>	Spring Buffer to be provided
4.3	<i>Overload protection</i>	<ul style="list-style-type: none"> <li>➤ Overload protective device</li> <li>➤ Overload non-starter.</li> </ul>
4.4	<i>Over travel protection</i>	Terminal and final limit switches to be provided
4.5	<i>Motor protection</i>	<p>Trip devices for:</p> <ul style="list-style-type: none"> <li>➤ Over current</li> <li>➤ Under voltage</li> <li>➤ Over voltage</li> <li>➤ Single phasing</li> <li>➤ Earth leakage</li> <li>➤ Phase reversal</li> </ul>
4.6	<i>Interlocking of car and hoist way doors</i>	To be provided as per specifications.
<b>5.0</b>	<b><i>Associated Civil and structural items</i></b>	All civil and structural items of work associated with erection and operation of lifts shall be provided by the Contractor at his cost including following:
		Temporary Scaffolding and safety barricades for erection in and around lift hoist ways
		Bearing plates
		Buffer supports
		Facia plates
		Ladder in pits
		Safety railing on top of car
		Channels, separators, stretchers etc.
		Structural foundations etc.
		Sill projection - MS angle/RSJ/Channel etc.
6.0	<i>Fireman's switch</i>	To be provided at GF
7.0	<b><i>Free Comprehensive Maintenance Period</i></b>	<b>ONE YEARS</b> after completion of work and handing over of the Lifts in satisfactory operating condition.

#### 4.0 SR-16 Building, IIM Indore

Sr. No.	Items	Requirement
<b>A</b>	<b>General</b>	
1.1	Number of Lifts	<b>01 lift</b>
1.2	Capacity	<b>08 passengers (544 kgs.)</b>
1.3	Speed	01 MPS
1.4	Number of Landings	<b>04 stops, 04 levels (L.G.F. to 2<sup>nd</sup> floor).</b>
1.5	Number of openings	4 opening on the same side
1.6	Travel	16 Mtr approx
1.7	<i>Machine room location</i>	<b>MRL (Machine Room Less)</b>
1.8	<i>Machine details</i>	
	<i>Platform</i>	<b>Gearless without Machine Room (Gearless MRL)</b>
	<i>Control</i>	AC Variable voltage variable frequency (VVVF) (Microprocessor control)
	<i>Operation</i>	Simplex full collective - selective
1.9	<i>Hoist way dimensions</i>	
	<i>Width (along door)</i>	2200 mm
	<i>Deep (90° to door)</i>	2000 mm
1.10	<i>Head room above last landing</i>	NA
1.11	<i>Pit depth</i>	Not Available
	<i>Car</i>	
1.13	<i>Car Enclosure</i>	<b>Stainless steel sheet of Grade 304, 18 SWG thick in brush hairline finish with rear side of 12 mm thick toughened glass (Capsule Type)</b>
1.14	<i>Car ceiling</i>	Stainless Steel sheet (Grade 304), 18 SWG thick false ceiling of approved finish with pressure fan and sufficient no. Of LED light fittings as required.
1.15	<i>Car floor</i>	Car floor/ platform shall consist of a structural steel frame designed on the basis of rated load covered with a M.S steel plate, Including rubber mat floor (minimum 5 mm thick) of required size.

1.16	<i>Car and landing doors</i>	Automatic power operated; Centre opening, having minimum opening of 800 mm W x 2100 mm H horizontal sliding fire rated, minimum 12mm thick toughened full glass door with stainless steel sheet frame finish, smooth and free from defects, having safety with full curtain integrated infrared door sensor.
1.17	<i>Car size</i>	Should not be less than as specified in IS/ CPWD - Specifications Part-III lifts & elevators 2003 with upto date amendments.
1.18	<b>Automatic rescue device (ARD)</b>	ARD with SMF batteries shall be provided for the lift other than fire elevator for rescue of passengers, in event of power failure.
2.0	<b><i>Fixtures / signals inside car</i></b>	
2.1	<i>Hand rail</i>	Stainless Steel Round Tubular of dia 38 mm on three sides
2.2	<i>Normal lighting</i>	LED recessed type
2.3	<i>Emergency light and alarm bell (to security room)</i>	With SMF battery operated with charger rated for 1 Hrs.
2.4	<i>Ventilation</i>	Pressure Fan
2.5	<i>Operating buttons and indications</i>	Full length stainless steel operating panel with following buttons and indications.
		LED illuminated push buttons of microprocessor type corresponding to the floors served
		Door open, Door close buttons
		<u>Emergency stop button if Required as per IS standard.</u>
		Emergency alarm button
		Two position key operated switch for 'with attendant' and 'without attendant' operation.
		Ventilation fan ON/OFF switch with auto OFF when there is no call after 120 seconds.
		Built in intercom of the hands free type.
		Dynamic car direction display Seven Segment LED type
		Digital Car position indicator
		Visual overload warning indicator
2.6	<i>Music</i>	To be provided
2.7	<i>Voice Synthesizer</i>	<u>Compulsory to be provided</u>
3.0	<b><i>Landing signals</i></b>	

3.1	<i>Hall buttons</i>	Self-illuminating micro-push type in hair line stainless steel facia plates
3.2	<i>Car Position</i>	Digital indicator with direction of travel
3.3	<i>Hall gong</i>	Up/down indicator with single stroke gong/chime at all landings
<b>4.0</b>	<b><i>Safety features</i></b>	
4.1	<i>Door safety</i>	<u>Electronic detectors Infra-red Screen Sensor.</u>
4.2	<i>Buffer</i>	Spring Buffer to be provided
4.3	<i>Overload protection</i>	<ul style="list-style-type: none"> <li>➤ Overload protective device</li> <li>➤ Overload non-starter.</li> </ul>
4.4	<i>Over travel protection</i>	Terminal and final limit switches to be provided
4.5	<i>Motor protection</i>	<p>Trip devices for:</p> <ul style="list-style-type: none"> <li>➤ Over current</li> <li>➤ Under voltage</li> <li>➤ Over voltage</li> <li>➤ Single phasing</li> <li>➤ Earth leakage</li> <li>➤ Phase reversal</li> </ul>
4.6	<i>Interlocking of car and hoist way doors</i>	To be provided as per specifications.
<b>5.0</b>	<b><i>Associated Civil and structural items</i></b>	All civil and structural items of work associated with erection and operation of lifts shall be provided by the Contractor at his cost including following:
		Temporary Scaffolding and safety barricades for erection in and around lift hoist ways
		Bearing plates
		Buffer supports
		Facia plates
		Ladder in pits
		Safety railing on top of car
		Channels, separators, stretchers etc.
		Structural foundations etc.
		Sill projection - MS angle/RSJ/Channel etc.
6.0	<i>Fireman's switch</i>	To be provided at GF
7.0	<b><i>Free Comprehensive Maintenance Period</i></b>	<b>ONE YEARS</b> after completion of work and handing over of the Lifts in satisfactory operating condition.

Note: Bulk head fitting shall be provided in the hoist way as per norms.