



**Institute of Economic Growth,
University of Delhi Enclave, North Campus,
Delhi-110007**

Notice Inviting Tender

Replacement of Old Lift and SITC (Supply Installation Testing and Commissioning) of
One Number 5/6 Passenger New Lift at Institute of Economic Growth, University of Delhi
Enclave, North Campus, Delhi-110007.

Tender Submission Start Date: 14-11-2025 (Friday)

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1. Check List for tender Submission

| Sl. No | Name of Firm: Pre qualification documents | Attached | |
|---------------|---|-----------------|-----------|
| | | Yes | No |
| 1 | Signed copy of complete tender documents including corrigendum, if any. | | |
| 2 | Required EMD as applicable Rs. 45,000/- | | |
| 3 | Proof of average annual financial turnover of firm during last 3 years ending 31 st March of the previous financial year of 30% of the estimated cost Certified by CA along with UDIN Number (As per format given in tender document). | | |
| 4 | Proof of having successfully completed similar works during last 7 years ending last days of the month previous to one in which tenders are invited as following: a) 3 similar completed works costing not less than the amount equal to 30% of the estimated cost OR b) 2 similar completed works costing not less than the amount equal to 40% of the estimated cost OR c) One similar completed work costing not less than the amount equal to 60% of the estimated cost. | | |
| 5 | Copy of PAN No. | | |
| 6 | Copy of Registration under GST | | |
| 7 | Copy of Registration with PF, ESI authority | | |
| 8 | Copies of similar work executed in last 3 years along with work order & performance certificate | | |
| 9 | History and structure of firm, name of directors/ proprietary/ partner with technical staff. | | |
| 10 | List of machinery, tools and equipments | | |
| 11 | An affidavit duly notarized on stamp paper of Rs.100/- (non-judicial) stated that: - Self-Declaration of not Blacklisted. | | |
| 12 | All the above certificate /documents shall be signed by the firm and original shall be produced for verification as required. Documents submitted should have date of origin on or before last date of submission of tender. | | |
| 13 | Undertaking of the following shall be furnished by bidder on their letterhead. (a) No blacklisted/debarred by any Govt. Department/Public Sector Undertaking. (b) No penalty is pending during the last 2 years from any Govt. Department/Public Sector Undertaking. | | |
| 14. | Proof of payment through NEFT/RTGS/DD/MSME Exemption of EMD | | |
| 15. | Bid Specific OEM Authorization Certificate | | |

**Institute of Economic Growth,
University of Delhi Enclave, North Campus,
Delhi-110007**

2. Criteria for Bidder Qualification

**Subject - Dismantling of Old Lift and SITC of One Number 5/6 Passenger New Lift at
Institute of Economic Growth, University of Delhi Enclave, North Campus, Delhi-110007**

Offline bids are invited on behalf of Institute of Economic Growth in sealed envelope for the for **Dismantling of Old Lift and SITC of One Number 5/6 Passenger New Lift at Institute of Economic Growth, University of Delhi Enclave, North Campus, Delhi-110007**.

1. The works are to be completed within **06 months** from the 7th day after the day on which the written order to commence the work or from the date of handing over the site, whichever is later in accordance with the phases if any indicated by the corporation in the tender documents.
2. Tender documents can be downloaded from the IEG website, **www.iegindia.org**. The sealed bids will be received up to **28-11-2025 till 3.00 P.M** and the technical bids will be opened on **28-11-2025 at 3.30 PM**.
3. **Earnest Money deposit of Rs. 45,000/- (Rupees: Forty Five Thousand Only)** needs to be deposited through Demand Draft in the Demand Draft / Pay order in favour of "Institute of Economic Growth", payable at Delhi. The EMD deposit shall not attract any interest.
In case of successful bidder, earnest money deposit will be adjusted towards the security deposit or it may be forfeited in case the successful bidder refuses to accept the award of supply or fails to complete the required formalities within the specified and permitted time. The earnest money is refundable to the unsuccessful bidders only after the finalization of the tender. Tenders without EMD will be summarily rejected.
4. The Bidders registered with MSME/NSIC will be granted exemption from payment of EMD as per Rule. Bidder has to enclose the MSME/NSIC registration Certificate.
5. The prices are to be quoted/ documents to be uploaded as per part-B (price bid).
6. To qualify for award of the contract, the bidder or its OEM {themselves or through reseller(s) in its name should have adequate experience, financial capacity and technical capability to undertake the contract as following minimum requirement.
7. Proof of having successfully Completed Similar works during last seven years ending last day of the month previous to one in which tender are invited as per the following:
 - A. Three similar completed works costing not less than the amount equal to 30% of the estimated cost. Or
 - B. Two similar completed works costing not less than the amount equal to 40% of the estimated cost. Or
 - C. One similar completed work costing not less than the amount equal to 60% of the estimated cost
(Similar work means ("SITC of Lift work"))

Note: The contractors participating in tenders are required to submit completion certificate and copy of work order along with BOQ. Firms showing work experience certificate from non-government/non PSU organizations should submit copy of tax deduction at sources certificate in support of their claim for having experience of stipulated value of work.

Copies of similar works executed in last three years along with work order and performance certificate issued by the previous clients showing the nature of work and their value.

8. Bidder registered with MSME shall be given relaxation in prior work experience subject to submission of OEM Authorization Certificate.
9. Proof and Copy of valid PAN No.
10. Copy of Registration under GST Law.
11. Copy of Registration with Provident Fund, ESIC authority.
12. Audited Balance Sheet for the last three Financial Years and i.e.
 - a) For the F.Y 2021-2022 with UDIN no. clearly mentioned.
 - b) For the F.Y 2022-2023 with UDIN no. clearly mentioned.
 - c) For the F.Y 2023-2024 with UDIN no. clearly mentioned.
13. Proof of average annual financial turn over with UDIN during last three years ending 31st March of previous financial year should be at least 30% the estimated cost as per format given in the tender document.
14. All the documents / certificates shall be submitted by firm should be signed and stamped.
15. Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground and sub-soil, the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to the risk, contingencies and other circumstances which may influence or effect their tender. A tenderer shall be deemed to have full knowledge of the site, whether he inspects it or not and no extra charges consequent on any misunderstanding or he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed. Bidder are requested to submit the Site Inspection Certificate at the time of bid submission. (Site Inspection Certificate Format attached)
16. Self-Declaration of not Blacklisted in Rs.100/- Non-Judicial stamp paper and Certificate of Site Inspection must be submitted to Our office before the end date of Bid, failing which the bid shall be rejected.
17. All rates shall be quoted on the tender form and shall include all materials, Labour, Transportation, **all taxes, (Excluding GST) duties**, testing, commissioning, supervision, tools, plants, wastage, sundries, scaffoldings as required mobilization, demobilization, transportation etc. and nothing extra shall be payable on any account. **However, shall not include the GST and GST Cess (if applicable) herein after termed as GST.**
18. On acceptance of tender, the earnest money will be treated as part of the Security and remaining part of security deposit shall be taken up separately.
19. The General Terms & Conditions of Contract attached with tender will form integral part of the contract. The tenderers are required to sign each and every document along with tender documents digitally signed as token of acceptance.
20. The validity of the tender(s) shall be up to 60 (Sixty) days from the date of opening of tender.
21. All corrigendum/extension/addendum/dedendum regarding the tender shall be published on the above mentioned websites only.

22. All documents submitted by the bidder shall have date of origin on or before the last date of submission of tender.
23. Undertaking for the following shall be given at the time of submission/uploading of the tender by the bidder on their letterhead duly signed &Stamped:-
 - a) Not blacklisted/debarred by any Govt. Department/Public Sector Undertaking.
 - b) No penalty is pending during last 2 years from any Govt. Department/Public Sector Undertaking.
24. Conditional & incomplete bids shall not be considered and will be out rightly rejected.
25. Bid specific OEM Authorization Certificate in favour of Bidder is Mandatory for submission otherwise bid will be rejected.

Signature: _____

Designation:

Annexure -I

Format of Annual Turnover as per the Audited Accounts

| S.No | Financial Year | Turnover (INR) |
|------|---------------------------------------|----------------|
| 1 | 2021-22 | |
| 2 | 2022-23 | |
| 3 | 2023-24 | |
| 4 | Average Turnover of above three years | |

Proof of average annual financial turnover of firm during last 3 years ending 31st March of the previous financial year of 30% of the estimated cost Certified by CA along with UDIN Number.

(Signature of Authorized Signatory)

This is to certify that the above information has been examined by us on the basis of relevant documents, books of accounts & other relevant information and the information submitted above is as per our record.

(Signature of Authorized Signatory)
(To be certified by Chartered Accountant of the Agency)

Seal of Agency

3. GENERAL INSTRUCTIONS

1. The bidding document (consisting of specifications, the schedule of quantities of various types of items to be executed, the set of terms and conditions of the contract and other documents can be downloaded from the websites: <https://www.iegindia.org>, if any shall be published only on this website. The institute shall not be responsible for any delay/difficulties/inaccessibility of downloading facility for any reason whatsoever.
2. All costs, charges & expenses that may be incurred in connection with the preparation of tender and Contract Agreement shall be borne by the bidder and the Institute accepts no liability whatsoever therefore.
3. Exemption to IEG against any tax/ duty/ fee/ surcharge/ charge/ cost, if any, found applicable or sought later from IEG after the award shall be passed on to IEG by the vendor without dispute.
4. IEG reserves the right to reject any or all of the bids without assigning any reason, before finalization and also to re float the tender due to administrative reason if any.
5. Bid Validity: Bid shall remain valid for 60 days from the date of submission.
6. Firm Price: Bidder's quoted Rates/Prices for executing the activities under the Contract shall remain firm till the completion of the **Dismantling of Old Lift and SITC of One Number 5/6 Passenger New Lift at Institute of Economic Growth, University of Delhi Enclave, North Campus, Delhi-110007**.
7. If any information furnished by the bidder is found false / fabricated, then his bid will be rejected and treated as cancelled. Even if such manipulation is detected at any stage after the signing of the contract, it would lead to the termination of the contract besides the forfeit of the Earnest Money Deposit and liabilities towards prosecution. In such cases, the bidder will be debarred from participation in the future tendering process in IEG for the next 05 (Five) years.
8. **Earnest Money Deposit (EMD)** of the requisite amount and that in prescribed mode or proof of payment thereof shall be enclosed with the Bid as explained in Para 3 & 4 of Qualification Criteria Sub head. The Bidder must submit "UNDERTAKING BY THE BIDDER " in the tender document.
9. **Performance Security/Guarantee Deposit:** To ensure the due performance of the contract, **Performance Security @ 5% of the value of the contract** is to be deposited by the successful bidder. Performance Security should be for an amount of five percent of the value of the contract as specified in the bid documents. Performance Security may be furnished in the form of an Account Payee Demand Draft from a Commercial bank or Performance bank guarantee from nationalized bank. Performance Security should remain valid for a period of 1 year beyond the date of completion of all contractual obligations of the bidder including warranty obligations.
10. **Refund / Conversion of Earnest Money Deposit:** The Earnest Money received shall be refunded to the unsuccessful bidders without any interest upon executing the Contract Agreement by the successful bidder. The Earnest Money Deposit of the successful bidder shall be returned on receipt of the Performance Security Deposit.
11. **Forfeiture of Earnest Money Deposit:** Earnest Money Deposit will be forfeited in any of the following cases:
 - a. The bidder withdraws/modifies his tender during the period of Bid Validity.
 - b. The bidder, in case of a tie between the lowest bids, refuses to submit a revised offer.
 - c. The bidder does not accept the correction of arithmetical errors in his tender.
 - d. The bidder fails to deposit Performance Guarantee and required information within the stipulated time period before the award of the purchase order.
 - e. In case of tie, the lottery system will be adopted.

4. SUBMISSION OF TENDER

1. The sealed tenders shall be received at the Tender Box near the Reception of the Institute **up to 15:00 hrs on 28th November, 2025 (Closing Date & Time for Receipt of bids)** or Corrigenda otherwise. It must be addressed to “**The Director, Institute of Economic Growth, University of Delhi Enclave, North Campus, Delhi-110007**”.
2. Tenders received after the due date and time shall not be considered.
3. Tenders shall be submitted in a sealed Master envelope (all 03 Envelopes in a single envelope) superscribed “**Dismantling of Old Lift and SITC of One Number 5/6 Passenger New Lift at Institute of Economic Growth, University of Delhi Enclave, North Campus, Delhi-110007**” with the **File No: IEG/Admin/CO/Estab. – II/24**, containing three separate sealed envelopes, each clearly super scribed as “**EMD**”, “**Technical Bid**” and “**Financial Bid**” respectively, in the following manner:
 4. **Envelope-1** will consist of:
 - **Earnest Money Deposit** of Rs. 45,000/- in the Demand Draft / Pay order in favour of “**Institute of Economic Growth**”, payable at Delhi. Cheque/ Money Order/Cash shall not be accepted. The EMD deposit shall not attract any Interest.
 - The Bidders registered with MSME/NSIC will be granted exemption from payment of EMD as per Rule. Bidder has to enclose the MSME/NSIC registration Certificate.
 5. Tender without payment of Earnest Money Deposit would be summarily rejected.
 6. **Envelope-2 (Technical Bid)** will consist of the complete tender document, each page duly signed and stamped by the bidder as acceptance of the conditions, Declaration by Bidder, and
 - Covering letter of the offer signed by the firm’s authorized signatory (with Make and Description).
 - Documents establishing the identity and authenticity of the bidder/ bidding firm.
 - Self-certified copies of all the documents in support of the eligibility of the bidder.
 - Duly filled All **Annexure’s (without Financial Bid Annexure)** signed by the bidder or his/her authorized signatory and stamped.
 - All requisite documents with stamp and signed as per tender document.
 - Bid Specific OEM Authorization Certificate in favour of Bidder is mandatory. Without the submission of the same, the bid would be summarily rejected.
 7. **Envelope-3 (Financial Bid)** will consist of **Financial Bid (Annexure IV)** all duly filled-in, signed by the bidder or his/her authorized signatory and stamped.
 8. **The tender will be summarily rejected in case the rates are mentioned in the technical bid or copy of the financial bid with rates is uploaded along with the technical bid.**

5. EVALUATION OF BIDS AND AWARD OF WORK

1. The Bid of the bidder will be opened on the specified date and time of opening at IEG in the physical/virtual presence of willing bidders or their authorized representatives as per the decision of IEG.
2. Date, time and place of opening of the Financial Bid will be informed after the evaluation of the Technical Bid to the Technically Qualified Bidders as per the decision of IEG.
3. Bids shall, first, be checked for payment of **Earnest Money Deposit**. Only those bids found to have duly paid/ submitted Earnest Money Deposit shall be considered for evaluation. The Bid having exemption certificate as per tender document shall also be considered for evaluation.
4. IEG retains the right to revert back to individual bidders with further clarifications/queries on the Technical Bid. The bidder has to respond to the queries within the specified time mentioned on their company letter head.
5. On the date & time specified for the opening of Financial Bid or the Revised Financial Bids as the case may be, the bid will be opened on the specified date and time.
6. **Evaluation of Financial Bids:** The Financial Bid should contain the complete bid document with duly filled-in Schedule of Financial Quote. Financial Bids opened as above will be checked for arithmetical errors.
7. The successful bidder shall be issued a **Letter of Acceptance (LOA)** of the bid, and be required to furnish a **Performance Guarantee @ 5% of the value of the contract** as per General Conditions of Dismantling of Old Lift and SITC of One Number 5/6 Passenger New Lift at Institute of Economic Growth, University of Delhi Enclave, North Campus, Delhi-110007.
8. IEG reserves the right to cancel entire tendering process without assigning any reason thereof.

ANNEXURE-II
UNDERTAKING BY THE BIDDER

1. I / We have read and examined the Tender document including terms & conditions, specifications, bill of quantities, general rules & directions, General Conditions of Contract, Special Conditions of Contract and all relevant other documents, publications and rules referred to in the Conditions of Contract and all other contents in the tender documents for the work.
2. I / We, hereby tender for execution of the work specified for the Institute of Economic Growth, Delhi within the time specified and in accordance in all respects with the specifications and instructions in writing.
3. We agree to keep the tender open for 60 days from the last date of its submission and not to make any modifications in its terms and conditions.
4. If I / we, fail to furnish the prescribed performance guarantee within prescribed period, I / we agree that the said Director, Institute of Economic Growth, University of Delhi Enclave, North Campus, Delhi-110007 or his authorized officer shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I / we fail to commence work as specified, I / we agree that the Director, Institute of Economic Growth, University of Delhi Enclave, North Campus, Delhi shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and/or the performance guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein.
5. Further, I / We agree that in case of forfeiture of earnest money or both Earnest Money & Performance Guarantee as aforesaid, I / We shall be debarred for participation in the re-tendering process of the work.
6. I / We hereby declare that I / We shall treat the tender documents and other records connected with the work as secret / confidential documents and shall not communicate information derived there-from to any person other than a person to whom I / We am / are authorized to communicate the same or use the information in any manner prejudicial to the safety of the State.

Dated

Witness 1.

2.

Address

Seal & Signature of Vendor

ANNEXURE-III**DETAILS TO BE FILLED BY BIDDER**

| Sl. No. | Particulars | Details | | |
|----------------|--|----------------|---------|---------|
| 1. | Name of the Bidder | | | |
| 2. | Address of the Bidder | | | |
| 3. | Status of the Company (Public Ltd/ Pvt. Ltd)/Registered Partnership Firm/Proprietorship | | | |
| 4. | Details of Incorporation of the Company CIN or LLP | | | |
| | Details of Registered Partnership Firm | | | |
| | Details of Proprietorship Firm | | | |
| 5. | Details of Commencement of Business | | | |
| 6. | Goods and Services Tax Registration Number (GSTIN) | | | |
| 7. | Permanent Account Number (PAN) | | | |
| 8. | Name & Designation of the authorized person to whom all references shall be made regarding this tender | | | |
| 9. | Mobile Number of the Authorized person | | | |
| 10. | Telephone No | | | |
| 11. | e-Mail of the contact person: | | | |
| 12. | Financial Details (as per audited Balance Sheets) (in Cr) | | | |
| 13. | Year Net Worth | 2023-24 | 2022-23 | 2021-22 |
| 14. | Turn Over | | | |

Seal & Signature of Vendor

6. SPECIAL TERMS & CONDITIONS

1. GENERAL

These Special Conditions shall be read in conjunction with the General Terms and conditions and shall take precedence over the General Conditions in case of any difference between the two.

2. SITE

The name and address of the owner responsible for the preparation of the contract agreement/documents are as follows:

**Site: Institute of Economic Growth,
University of Delhi Enclave, North Campus,
Delhi-110007**

3. This specification covers manufacture, testing as may be necessary before dispatch, delivery at site, all preparatory work, assembly and installation work, commissioning, putting into operation of lifts and allied works and handing over of equipment covered by this specification. This detailed specification will form part of the works contract with the successful tenderer.

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

a. The work shall be generally carried out as per tender specifications and in accordance with the following:

- i. CPWD General Specifications for Electrical works Part I Internal-2013, as amended upto date.
- ii. CPWD General Specifications for Electrical works Part III Lifts & Escalators 2003 as amended up to date.
- iii. The norms laid by State Electricity Board
- iv. The Electricity Act 2003.
- v. National Electrical Code.
- vi. The relevant IS for Lifts.

b. The tenderer should in his own interest visit the site and familiarize himself with the site conditions before tendering

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

5. Lowest tenderer will be determined after considering the total cost for Part 'A' minus Part-B. Where, Part A – SITC Rate of New Lift and Part B – Buyback Rate of old Lift.
6. Scrutiny/evaluation of the Technical bid shall be done by the department. In case it is found that the technical-cum-commercial bid of a tenderer is not in line with NIT specifications, requirements and/or contains any deviations, the department reserves the right to reject the technical bid of such firms (s) without making any reference to the tenderer(s).
7. Necessary clarifications required by the department shall have to be furnished by the tenderer within the time given by the department for the same. The tenderer will have to depute his representative to discuss with the officer(s) of the department as and when so desired. In case, in the opinion of the department a tenderer is taking undue long time in furnishing the desired clarifications, his bid will be rejected without making any reference.
8. A tenderer will 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 department.
9. Financial Bids of only technically qualified bidders shall be opened electronically a later date.
10. The department 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.
11. Within seven days from the date of receipt of the letters of acceptance, the successful tenderer shall submit his programme for submission of drawings, supply of equipments, installation, testing, commissioning and handing over of the installation to the Officer- in-charge. This programme shall be framed keeping in view the building progress.
12. The contractor shall submit the drawings to the Engineer-in-charge for approval before start of work.
13. **TIME OF COMPLETION:** (As per NIT 6 Months) from the date of handing over of site.

14. TERMS OF PAYMENT –

Following payment shall be applicable for indigenous supply and installation work to be carried out under this work contract.

- i. 50% of contract on Supply of equipment related to lift at site on pro-rata basis.
- ii. 40% of contract on Installation of equipment related to lift at site on pro-rata basis.
- iii. 5% payable on testing & commissioning and handing over on pro-rata basis on submission of NOC from Lift

Inspector/appropriate authority and handing over of lift for operation.

iv. 5% in hold till DLP period of one year from the final bill date after receiving NOC/Certificate from Chief Electrical Inspectorate Delhi as security deposit.

15. WORKS TO BE CARRIED OUT BY DEPARTMENT

The following works shall be carried out by the department,

Provision of Power Supply -

3 phase, 415 V, 50 Hz power supply shall be provided by the department to the contractor at one point for installation of lifts at site suitable load. Termination switchgears, however, shall be provided by the contractor. Further extension, if required, shall be done by the contractor.

Major Civil works-

All major works including architrave work and other major works will be done by IEG.

16. WORK TO BE DONE BY THE CONTRACTOR

In addition to supply, installation, testing and commissioning of lift, following works shall be deemed to be included within the scope of work to be executed by the tenderer as this is a turnkey job.

- a. Minor building works necessary for installation of equipment such as making of opening in walls/floors either of RCC or brick masonry etc., and restoring them to their original condition and finish. The scope of minor building work includes all grouting of foundation concrete pads to be formed or made as base for supporting R.S. Joists etc., grouting and anchoring of all boards, clamps, supports, foundation bolts, installation in position of R.S. Joists in the machine room, lift well or in pit. Such works shall cutting of marble work and construction of partition wall wherever involved.
- b. All electrical works except bringing the main connection and earth connection to the machine room terminated on switch fuse unit/board. All electrical works including inter connection from the switch/board and loop earthing from the earth bar to be provided in the machine room shall be done by the successful tenderer.
- b. Responsibility to ensure safety of lift materials against pilferage and damage till the installation is handed over to the Department.
- c. All scaffolding as may be necessary in the lift well during erection work and subsequently removed.
- a. Temporary barricades with caution boards at each landing to prevent accident during execution work.
- d. Supply and installation of landing facia plates made of steel, car apron plates, sill support angles with necessary clamps, foundation bolts, supports etc., as necessary in connection with the installation of the lift.
- e. Steel ladder to be provided for access to lift pit wherever required under regulations.
- f. Approval/clearance of lift installation shall be obtained by the contractor from Lift inspector/ other licensing authorities, wherever required. However, application shall be made by Department and the fees, as applicable, shall be paid by the contractor directly to the Govt. authorities concerned, which shall be reimbursed.
- g. Any kind of safety measures shall be in the scope of Contractor.

17. Warranty:

All equipment shall be warranty for a period of 12 months from the date of taking over the lift by the department, after the installation against unsatisfactory performance and or break down due to defective design, workmanship or material. The equipment or components, or any part thereof, so found defective during warranty period shall be forthwith repaired or replaced free of cost, to satisfaction of the IEG.

18. Drawings/Documents to be furnished on completion of installation

Two sets of the following drawings shall be submitted by the contractor while handing over the installation to the Department. Out of these three, one set shall be laminated on the hard base for display in the Lift machine room.

- i. Lift installation drawings giving complete details of all the equipment including their foundations.
- ii. Manufacturer's technical catalogues of all equipment and accessories.
- iii. Operation and maintenance manual of all major equipments, detailing all adjustments, operation and maintenance procedure.

19. AMC:

- i. Award of AMC will be depends upon the other administrative factors and AMC will be awarded as per sole decision of IEG, if situation so warrants.

20. COMPLIANCE WITH REGULATIONS AND INDIAN STANDARDS:

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

- i. Factories Act.
- ii. The Bombay Lift Act-1939 as Extended to NCT of Delhi Lift Rules, 1942.

- iii. B.L.S & Other standards as applicable.
- iv. Workmen's compensation Act.
- v. Statutory norms prescribed by local bodies like CEA, Power Supply Co.

21. INSTALLATION

Installation of all equipments in accordance with OEM's / Contractor Instruction reference codes, specification and approved submissions.

22. TRAINING

The contractor shall impart training to the operator deputed by the department at site for operational and attending the minor fault

23. PAINTING

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

24. MAINTENANCE

The maintenance, routing as well as preventive for one year from the date of taking over the installation as per manufacturer's recommendation/ CPWD Specifications shall be carried out and the record of the same shall have to be maintained. Nothing extra shall be paid on this account.

25. PRICE ESCALATION:

No price escalation shall be admissible during currency of the contract. However, statutory increase in levies by government after award of contract shall be payable on actual basis on production of documentary evidence. The manufacturer should have their service centre in the State of Delhi.

26. Contractor has to provide all Risk insurance policy beneficiary to IEG equivalent to contract sum which shall be validated till the defect liability period is over and workman compensation policy which shall be validated for running period of work.

27. DEFECT LIABILITY PERIOD:

Defect liability period shall be 12 (Twelve) months from the date of handing over of the lifts duly commissioned and handed over to IEG.

28. TEMPORARY OFFICES, STORES ETC.:

The contractor will be allowed to put up his temporary offices, stores etc. as per designated space by the IEG. Due to constraints of space mentioned above, space allowed for storage of materials will be limited and the contractor shall schedule the delivery of material and equipment at site keeping in mind these restraints. Depending upon the exigencies at the site temporary offices, store may have to be moved or shifted and the contractor shall do so, if so requested by the IEG. The contractor may be allocated space in the building for his stores, offices etc, depending upon the availability of the space. Necessary partitions blocking of opening door etc. shall be provided by the contractor at his own expenses.

29. ELECTRICAL INSTALLATION:

The electrical work related to lifts system included in the scope of work shall be carried out by the contractor through qualified electrician under full supervision of the contractor. The Electrical installation shall be in total conformity with the control wiring drawings prepared by the contractor and approved by IEG.

30. Laws/Local Byelaws and local body approvals

- (i) The bidders shall follow and adopt all local byelaws as applicable for the works.
- (ii) Bidders shall be liable for any shortcomings, accidents, lacking in following any local byelaw/central or state rule/labour laws etc during execution or maintenance of the work.
- (iii) The bidders shall get permissions/approval for installation of passenger lift from local body without any extra cost over quoted amount (removal of record old lift from records of electrical authority and replace the records with the new lift). Bidder shall also obtain permission to operate lift /license for lift from Local body after completion of work, without any extra cost over quoted amount to institute. All statutory documentation / license fees as per the norms shall be borne by the IEG.

7. Technical Specification

1. General

1.1 Applicable codes

These specifications are intended to cover the complete installation of the lift with all materials in accordance with the drawings and specifications. Compliance with regulatory agencies

Comply with most stringent applicable provisions of following codes, laws, and/ or authorities including most recent amendments in effect.

Safety codes for Lifts IS-14655 Parts 1, 2, 3, 4 and 5 including all relevant parts, codes of practice and national variations as appropriate.

IS – 14671 1999 Edition

IS – 2147 1962 Edition

IS – 2332 1972 Edition

Requirements of all other Codes, Ordinances and Laws applicable within the governing jurisdiction and latest Indian Standard as applicable. The electrical wiring shall strictly comply to IS:732 and the entire installation shall be in accordance with the Indian Electricity Act 2001 and Indian Electricity Rules 1956 or latest amendments thereof. The Contractor shall arrange to obtain the sanction of the lift authorities for commissioning of the lift and hand-over for operation.

1.2 Staging area

The client will designate an equipment storage area for use by the Contractor. The contractor shall restrict usage to area designated and shall notify client prior to storing of any large equipment which will impose heavy concentrated loading on floor area. Contractor shall not store such equipment until approval is received.

1.3 Occupancy and work by others

The contractor shall expressly affirm the Client's rights to let other contracts and employ other Trades in connection with specified work. The contractor will afford other Trades reasonable opportunity for introduction and storage of materials and equipment for execution of their work. The contractor will also incorporate comparable provisions in all its subcontracts. The contractor shall declare that it will cooperate and coordinate their work with other Trades employed by the Client.

2. General Submittals

Within 15 calendar days after award of contract and before beginning equipment fabrication, the contractor shall submit shop drawings and required material samples for review. Allow 10 days for response to initial submittal.

- (a) Scaled or fully dimensional layout: Plan of pit, lift well and machine room indicating equipment arrangement and elevation section of lift well. Provide detailed drawings of all new equipment provided as part of this specification including car enclosures, landing entrances, and car/ landing signal fixtures.
- (b) Design information: Indicate equipment lists, reactions, and design information on layouts.
- (c) Power confirmation information designed for existing conditions.
- (d) Fixtures, Cuts, samples, or shop drawings.
- (e) Finish Material: Submit 75 mm X 300 mm samples of actual finished material for review of color, pattern and texture. Compliance with other requirements is the exclusive responsibility of the Contractor. Include, if requested signal fixture, lights, graphics, Braille plates and detail of mounting provisions.

3. Painting

All exposed metal work furnished in these specifications, except as otherwise specified, shall be properly spray-painted with good quality nitrocellulose paint at the Lift Contractor's works over an anti-corrosive primer coat and after installation, if defects are found in the paint.

4. Site condition inspection

Prior to beginning installation of equipment, examine lift well and machine room areas. Verify that no irregularities exist which may affect execution of the works specified. Do not proceed with the installation until work in place conforms to the project requirements.

5. Product delivery, Storage and handling

- 5.1 Deliver material in contractor's original, unopened protective packaging.
- 5.2 Store material in original protective packaging. Prevent soiling, physical damage, or moisture damage.
- 5.3 Protect equipment and exposed finishes from damage and stains during transportation, erection and construction.
- 5.4 Allocate available site storage areas and coordinate their use with Client and other Trades.
- 5.5 Provide suitable temporary weather-tight storage facilities as may be required for materials that will be stored in the open. No material shall be stored on landings.

6. Installation Requirements

- 6.1 Install all equipment in accordance with Contractor's instructions, referenced codes, specification and approved submittals.
- 6.2 Install machine room equipment with clearances in accordance with referenced codes and specifications.
- 6.3 Install all equipment so it may be easily removed for maintenance and repair.
- 6.4 Install all equipment for ease of maintenance.
- 6.5 Install all equipment to afford maximum accessibility, safety and continuity of operation.

7. Manufacturer's Nameplates

- 7.1 Each major component of mechanical and electrical equipment shall have identification plate with the manufacturer's name, address, model number rating and any other information required by governing codes.

8. Colors of factory-finished equipment

- 8.1 All colors will be selected from the manufacturers standard range unless custom colors are specified herein.

9. Materials and finishes

- 9.1 Steel:
Sheet Steel (Brushless/Hairline Steel for Exposed Work): Stretcher-leveled, cold-rolled, commercial quality carbon steel.
- 9.2 Stainless Steel: standard tempers and hardness required for fabrication, strength and durability.
- 9.3 Aluminum: Extrusions plus sheet and plate per code.
- 9.4 Paint: Clean exposed metal parts and assemblies of oil, grease, scale, and other foreign matter and factory paint one shop coat of standard rust-resistant primer. After erection, provide one finish coat of industrial enamel paint. Galvanized metal need not be painted.

10. Warranty maintenance:

- 10.1 The lift contractor shall guarantee that the materials and workmanship of the equipment installed by him under these specifications shall be first class in every respect. He will make good at his own cost any defects which may develop within one year from the date of commissioning of the installation, ordinary wear and tear and improper use excepted. This clause does not preclude any remedy the client may have for latent defects.
- 10.2 Defective is defined to include operation or control system failures, car performance below required minimum, excessive wear, unusual deterioration or aging of materials or finishes, unsafe conditions, the need for excessive maintenance, abnormal noise or vibration and similar unsatisfactory conditions.
- 10.3 Provide preventive maintenance and 24-hour emergency call-back service for one year commencing on date of final acceptance by client. Systematically examine, adjust, clean, and lubricate all equipment. Repair or replace defective parts using parts produced by the manufacturer of installed equipment. Maintain lift machine room, lift shaft, and pit in clean condition. Make modifications and adjustments to meet performance requirements specified herein.
- 10.4 Contract preventive maintenance: Quote yearly cost for annual maintenance agreement commencing upon completion of the warranty period specified in Item 10.3 above. The tenderer shall quote his

rates in rupees per lift per annum for all inclusive Comprehensive Maintenance Contract inclusive of custom duty for spares imported, transport, insurance, handling, etc. applicable after expiry of 12 months free warranty period. IEG will contact with Bidder after completion of DLP Period.

11. Car performance:

- Car Speed: $\pm 3\%$ of contract speed under any loading condition.
- Car Capacity: Safely lower, stop and hold 125% of rated load.
- Car Stopping Zone: $\pm 4\text{mm}$ under any loading condition.

12. Operation:

Selective Collective Microprocessor Based: Operate car without attendant from pushbuttons in car and located at each floor. When car is available, automatically start car and dispatch it to floor corresponding to registered car or hall call. Once car starts, respond to registered calls in direction of travel and in the order the floors are reached.

13. MACHINE ROOM EQUIPMENT

Arrange equipment in existing machine room spaces and/or as shown on drawings.

Traction Hoist Machine:

Provide P.M.S.M. (Permanent Magnet Synchronous Motor) ACVVVF gearless traction type motor with brake, drive sheave, and deflector sheave mounted in proper alignment on a common, isolated bedplate. Provide bedplate blocking to elevate secondary or deflector sheave above machine room floor.

Provide hoist machine mounted direct drive, digital, closed-loop velocity encoder.

Hoist machine installations, which require block outs through machine room floor for other than hoist ropes shall be provided with a galvanized sheet metal enclosure over entire block out on underside of floor slab.

Solid State Power Conversion and Regulation Unit:

Provide alternating current, variable voltage, variable frequency (ACVVVF), I.G.B.T. converter/inverter drives for ACVVVF Gearless machines.

Sleeves and Guards: Provide 40mm steel angle guards around cable or duct slots through floor slabs or grating
Machine and Equipment Support Beams:

Provide new structural steel beams required for direct support of an attachment to building structure of hoist machine, deflector sheaves, overhead sheaves, governor, and hoist rope dead-end hitch assemblies. Provide bearing plates, anchors, shelf angles, blocking, embedment, etc., for support and fastening of machine beams or equipment to the building structure. Isolate machine and overhead sheave beams to prevent noise and vibration transmission to building structure.

Governor: Provide new, centrifugal-type, car driven with pull-through jaws and bi- directional shutdown switches. Provide required bracketing and supports for attachment to building structure.

Emergency Brake:

Provide means to prevent ascending car over-speed and unintended car movement as per Code.

Mount the auxiliary brake on suitable structural steel supports.

Provide control circuits to enable the device to function as required by Code.

Noise/Vibration Isolation: All lift equipment including their supports and fastenings to building, shall be mechanically and electrically isolated from the building structure and main line power feeders to minimize objectionable noise and vibration transmission to car, building structure, or adjacent occupied areas of building.

8. LIFT WELL EQUIPMENT

Guide Rails: Provide new, Planed steel T-sections for car and counterweight of suitable size and weight for the application, including brackets for attachment to building structure.

Buffers, Car and Counterweight: Provide new Oil type with blocking and support channels. Diverter or Secondary Sheaves: Provide new sheaves with machined grooves and sealed bearings. Provide mounting means to machine beams, machine bedplate, car and counterweight structural members, or building structure.

Counterweight: Provide new counterweight with steel frame with metal filler weights and roller or swivel guide shoes.

Governor pit tensioning sheaves: Provide new and mount sheaves and support frame on pit floor or guide rail. Provide frame with guides or pivot point to enable free vertical movement and proper tension of rope and tape. Provide sheave guard and electrical safety switch.

Hoist and Governor Ropes:

Provide New Traction steel type to suit machine manufacturers requirements. Fasten with staggered length, adjustable, spring isolated wedge type shackles.

Terminal Stopping: Provide normal and final devices.

Electrical Wiring and Wiring Connections:

Conductors and Connections: Copper (FRLS) throughout with individual wires coded and connections on identified studs or terminal blocks. All wiring shall be run in containment. Use no splices or similar connections in wiring except at terminal blocks, control compartments, or junction boxes. Provide 10% spare conductors throughout. Run spare wires from car connection points to individual lift controllers in the machine room. Provide four pairs of spare shielded communication wires in addition to those required to connect specified items. Tag spares in machine room.

Travelling Cables: Flame and moisture-resistant outer cover. Prevent travelling cable from rubbing or chafing against lift well or equipment within lift well.

All insulated conductors & conduit or tubing as well as fittings including metal boxes trough and ducts shall comply with the requirements of relevant IS specification or BS specifications.

Entrance Equipment: Provide the following new equipment: Door Hangers.

Door Tracks Door

Interlocks. Door

Closers

9. LIFT WELL ENTRANCES

Architraves: Retain existing.

Door Panels: Provide new 16-gauge steel, sandwich construction without binder angles. Provide new entrances finished in hairline stainless steel

Sills: Provide new manufactured of extruded aluminum.

Fascia, Toe Guards and Hanger Covers: Provide new of 14-gauge furniture steel with Contractors standard finish.

Finish of Doors: SS hairline

10. CAR EQUIPMENT

Car Sling: Provide new with welded or bolted, rolled or formed steel channel construction.

Safety Gear: Provide new governor actuated safety properly affixed to underside of car platform.

Platform: Provide new, isolated type, constructed of steel, or steel and wood, which are fireproofed on underside.

Guide Shoes: Provide new roller type with three or more spring damped, sound- deadening rollers per shoe.

Car Sills: Provide new car sill manufactured with one piece extrusion.

Car Doors: Provide as specified for lift well entrance doors.

Door Operator: it shall be ACVF drive with adjustable timing for door operating/closing at site.

Door Control Device: Provide New Infrared Reopening Device: will full screen infrared beams/sensors.

Car Operating Panel:

It shall have all controls as indicated in the Data sheet/technical specifications.

Car Top Control Station: Mount in location to provide safe access and utilization while standing in an upright position on car top.

Communication System:

Provide an EPABX Telephone instrument in car with dialing facility. Provide three-way communication between machine room, car top and pit.

11. CAR ENCLOSURE

Passenger Lift Car Enclosure: Provide new and complete as specified herein providing the following features.

Shell: Reinforced 14-gauge hairline finish steel formed panels with baked enamel interior finish as selected. Apply sound-deadening mastic to exterior.

Car Door Panels: Reinforced minimum 1.5 mm stainless steel (hairline finish). Provide same construction as lift well door panels.

Base Flooring: To be decided by employer as per interiors necessary. (Actual combination will be decided during finalization of drawings).

Interior Wall Finish: A combination of stainless steel panels in mirror/hairline/etched finish (Actual combination will be decided during finalization of drawings).

Ventilation: Two-speed exhaust blower mounted to car canopy on isolated rubber grommets.

Lighting: Recessed type CFL fixtures of reputed make

Suspended Ceiling: As per approval

Handrails: Stainless steel mirror finish suitable for physically disabled persons

18. LANDING CONTROL STATIONS

Pushbuttons: Provide new, dual risers at each floor with flush mounted faceplates. Include pushbuttons for each direction of travel, which illuminate to indicate call registration. Provide any cutting and patching required.

19. SIGNALS

Hall Lantern: Provide at each entrance to indicate travel direction of arriving car. Illuminate up or down lights and sound tone once for up and twice for down direction prior to car arrival at floor. Illuminate light until the car doors start to close. Provide any cutting and patching of wall necessary to accommodate new lantern and leave adjacent wall surfaces in good condition.

Car Position Indicator: Digital indicator containing floor designations and direction arrows a minimum of 20mm high to indicate floor served and direction of car travel. When a car leaves or passes a floor, illuminate indication-representing position of car in lift well. Illuminate proper direction arrow to indicate direction of travel.

Hall Position Indicator: Alpha-numeric digital indicator containing floor designations and direction arrows a minimum of 60mm high to indicate floor served and direction of car travel. Mount integral with hall lanterns at Lobby floor.

Faceplate Material and Finish: stainless steel all fixtures

20. FIELD QUALITY CONTROL

Work at jobsite will be checked during course of installation. Full cooperation with reviewing personnel is mandatory. Accomplish corrective work required prior to performing further installation.

21. ADJUSTMENTS

Install rails plumb and align vertically with tolerance of 3mm in 30.0 meters. Secure joints without gaps and file any irregularities to a smooth surface. Static balance car to equalize pressure of guide shoes on guide rails. Lubricate all equipment in accordance with manufacturer's instructions. Adjust motors, power conversion units, brakes, controllers, levelling switches, limit switches, stopping switches, door operators, interlocks, and safety devices to achieve required performance levels.

22. PROTECTION OF LIFT

1. The lift shall be protected as follows.
 - (a) Electrically against overload
 - (b) By safety gear on car so that in the event of rope breaking or loosening, the car will be brought to rest immediately by means of grips on the glides.
 - (c) By car and landing door locks so that in the event of any door kept opened, the lift will not start.

- (d) By speed governor operating on the control circuit and applying the brakes in case of over-speeding of car in any direction.
- (e) By means of over travel limit switches in both downward and upward direction.
- (f) By means of a single phasing relay.
- (g) By a device that ensures that the brakes apply as soon as a single phasing occurs or when the drive fails to start for whatever reason.
- (h) By means of suitable type and capacity buffers in the lift pit.
- (i) The car and landing door shall not open either automatically or by pressing door open push button when the lift car is not within the levelling limits.
- (j) Any other safety device as per the statutory requirements.

2. Before handing over the lift the following tests shall be conducted on the lift installation. The lift will not be taken over unless all the test results conform to the specifications.

- (a) All protection and safety devices shall be tested for its proper functioning.
- (b) The lift will be loaded for its full capacity and the following will be tested.
 - (i) Speed
 - (ii) Levelling at all landings
- (c) The lift will be kept empty and the following will be tested
 - (i) Speed
 - (ii) Levelling
- (d) Overload – No start and overload annunciation.
- (e) Test for rope slip under 120% load plus 20% in standstill condition.
- (f) Reduced voltage and both direction rotation
- (g) Controller function test

3. Test certificates for guide rails, ropes, buffers, trailing cable and motor routine test to be submitted.

Safety Code

1. First-aid appliances, including adequate supply of sterilized dressings and cotton wool, shall be maintained in a readily accessible place.
2. Suitable and strong scaffolds should be provided for workmen for all works that cannot safely be done from ground.
3. The excavated material shall not be placed within 1.5 meters of the edge of the trench or half of the depth of the trench, whichever is more. All trenches and excavations shall be provided with necessary protection of minimum height of one meter.
4. Every opening in the floor of a building or a working platform shall be provided with suitable means to prevent the fall of persons or materials by providing suitable fencing or railing whose minimum height shall be one meter.
5. No floor, roof or other part of the structure shall be so over-loaded with debris or materials as to render it unsafe.
6. Workers employed on mixing and handling material such as asphalt, cement, mortar or concrete and lime mortar shall be provided with protective footwear and rubber hand-gloves. Those engaged in welding works shall be provided with welder's protective eye-shields and gloves.
7. No paint containing lead or lead products shall be used except in the form of paste or readymade paint. Suitable face masks should be supplied for use by the workers when the paint is applied in the form of spray or surface having lead paint dry rubbed and scrapped.
8. Hoisting machines and tackles used in the work, including their attachments, anchorage and supports shall be in perfect condition.
9. The ropes used in hoisting or lowering material or as a means of suspension shall be of durable quality and adequate strength and free from defects.

FIRE SAFETY

- i. Cutting / drilling machine and other electrically operated equipment used at site shall be plugged into correctly rated electrical outlets.
- ii. Electrical power cables/wires used shall not have any joints and shall be properly rated.
- iii. All electrical appliances i.e. welding, drilling, cutting machine etc. shall be safely and securely earthed to prevent leakage current while in operation.
- iv. Fire extinguishers recommended and issued by fire officers shall be kept on the site.
- v. Used paint drums shall be stored in specified store only after closing them properly.
- vi. Personal protective equipment such as safety shoes, hand gloves, welder's mask, ear plug etc. depending upon the requirement of the work shall be provided by the contractor to the workmen to prevent occupational health hazards.
- vii. The safety belt shall be provided by the contractor and used by the workmen while working from height for more than 10" from Ground level.
- viii. None of the passages near lift lobby and staircases shall be used for stacking / dumping any kind of materials/waste.
- ix. Power supply shall be switched off from the mains when equipment is not in use.
- x. Any debris generated from the work shall be collected on daily basis, removed from site and stored at the designated place in proper manner
- xi. Battery operated emergency light/torches shall be provided by the contractor to the workmen while working beyond office hours.

Technical Data for Lift

| | |
|-------------------------|---|
| Quantity | 1 (One) unit(s) |
| Assembled Product | Passenger Elevator |
| Capacity | 5/6 persons, 340 kg or more |
| Speed | 0.60 m/s or better |
| Stops & Openings | 3 Stops, 3 Openings |
| Floor designations | G,1,2 |
| Machine type & Location | Machine Room Less or Gearless machine in machine room located directly above lift well Control Simplex collective selective control |
| Drive | ACVVVF |
| Power supply | 415 volts (+10 / -15%), 3 phase, 50 Hz (+/- 5%), AC. Hoist |
| way dimensions | 1490mm x 1600mm |
| Car travel | 8000 mm or more |
| Overhead | 4080mm or more |
| Pit depth | 1500mm |
| Car dimensions | 850 mm wide x 1000mm deep x 2100mm high or best possible |
| Door opening | 700mm wide x 2000mm high |
| Car door Finish | Stain less Steel - Brushed Finish/ Hairline Finished |
| Landing door Finish | Stain less Steel - Brushed Finish/ Hairline Finished |
| Car Panel Finish | Stain less Steel - Brushed Finish/ Hairline Finished |
| Car ceiling decoration | Main roof with MS Powder coated or Stain less steel - Brushed Finish Signal White and Twin light for car lighting and 1 blower |
| Car flooring | Standard PVC Flooring or 20mm or more recess provided for granite/marble flooring (by IEG) |
| Natural mirror in car | Natural mirror of half car height and full car width provided on rear wall of car Handrail Round handrail in Stainless Steel finish provided on rear wall of car |

Features included:

1. ACVVVF closed loop drive
2. Alarm button in car operating panel with battery back-up
3. Automatic operation for car fan
4. Adjustable door open time
5. Anti-nuisance (empty car)
6. Anti-nuisance (car call cancellation at direction reversal)
7. Blower fan in car for ventilation

- 8.** Braille on push buttons
- 9.** Car call cancellation by double pressing floor button in car operation panel
- 10.** Door open and door close buttons in car operating panel
- 11.** Door closing retries
- 12.** Emergency light
- 13.** Full load by-pass
- 14.** Home landing
- 15.** Infra-red screen for car door
- 16.** Jammed landing operating panel call button by-pass
- 17.** Motor overheat protection
- 18.** Overload function with audio-visual indication in car operating panel
- 19.** Phase reversal protection
- 20.** Automatic rescue device in case of power failure
- 21.** Car arrival chime on car top
- 22.** Fireman control
- 23.** Fireman emergency return
- 24.** Provision of additional cores in travelling cable for CCTV camera signals/music system wiring
- 25.** Voice announcement unit in English language in car
- 26.** Intercom
- 27.** RCC Socle for car and counter weight buffers
- 28.** Landing operating panel
- 29.** Individual landing operating panel for each elevator

List of Approved Makes

1. Lift - Fujitech/Mitsubishi Electric/Hitachi/TKE

CERTIFICATE OF SITE INSPECTION

I (Name) Owner/Director/Authorized Signatory of M/s having its registered address at have inspected the site on date for the work of at IEG, Delhi and its surrounding have understood the nature and scope of work. I have also read all the specifications, terms and conditions of this Tender Document.

Sign of Contractor

Sign of Officer In charge

Date:-

Technical Bid
Institute of Economic Growth,
University of Delhi Enclave, North Campus,
Delhi-110007

**Sub:- Dismantling of Old Lift and SITC of One Number 5/6 Passenger New Lift at
Institute of Economic Growth, University of Delhi Enclave, North Campus, Delhi.**

Schedule of Quantity

| S. No | Description of Work | Qty. | Rate | Amount |
|-------|--|--------|-----------------------------------|----------|
| 1. | PART – A | | (in Rs.) | (in Rs.) |
| | Supply, Erection, Testing and Commissioning of MRL or with MR Lift with all parts, equipment, devices, control systems or otherwise, spares, tools,(electrical and mechanical) complete with rated speed micro processor based variable voltage & variable frequency drive (VVVF), automatic door type having central opening, Simplex full collective operation with/ without attendant, electric traction Guest passenger lift with Automatic Rescue Device (ARD), lift car having LCD display type (Monochrome/dot matrix) position indicator, complete in accordance with prescribed specifications, relevant IS/BS standards all to suit the building plans in already constructed hoist-ways and machine room, obtaining approval of electrical inspector /lift inspector/ other statutory authorities as may be required, providing electrical connections, safety devices including all labour, supervision, all necessary services including all necessary minor civil works (including the changes that may be necessary at the door openings in each floor), lighting of the shaft with new wires/switches, fixing of on/off isolator as per requirement (3 phase power shall be available at the machine room at one point), etc, as required to complete the work in all respects complete as directed by the IEG and as per the tender specification attached. | | Rates Not To Be Quoted Here | |
| | 5/6- Passenger Lift (Machine Room Less or with Machine Room Lift) | 01 No. | | |
| | Total Part A (INR) | | | |
| | Description of Work | Qty. | Rate | Amount |
| 2. | PART – B | | (in Rs.) | (in Rs.) |
| | Less credit for dismantling, buying back and taking away all old equipment and scrap materials of existing lift at Institute of Economic Growth, University of Delhi Enclave, North Campus, Delhi | 01 Job | Rates Not To Be Quoted Here | |
| | Total Part B (INR) | | | |
| | Total (Part A – Part B) INR | | | |

Total (in words):

Financial Bid

**Institute of Economic Growth,
University of Delhi Enclave, North Campus,
Delhi-110007**

**Sub:- Dismantling of Old Lift and SITC of One Number 5/6 Passenger New Lift at
Institute of Economic Growth, University of Delhi Enclave, North Campus, Delhi.**

Schedule of Quantity

| S. No | Description of Work | Qty. | Rate | Amount |
|--------------|--|-------------|-----------------|-----------------|
| 1. | PART – A | | (in Rs.) | (in Rs.) |
| | Supply, Erection, Testing and Commissioning of MRL or with MR Lift with all parts, equipment, devices, control systems or otherwise, spares, tools,(electrical and mechanical) complete with rated speed micro processor based variable voltage & variable frequency drive (VVVF), automatic door type having central opening, Simplex full collective operation with/ without attendant, electric traction Guest passenger lift with Automatic Rescue Device (ARD), lift car having LCD display type (Monochrome/dot matrix) position indicator, complete in accordance with prescribed specifications, relevant IS/BS standards all to suit the building plans in already constructed hoist-ways and machine room, obtaining approval of electrical inspector /lift inspector/ other statutory authorities as may be required, providing electrical connections, safety devices including all labour, supervision, all necessary services including all necessary minor civil works (including the changes that may be necessary at the door openings in each floor), lighting of the shaft with new wires/switches, fixing of on/off isolator as per requirement (3 phase power shall be available at the machine room at one point), etc, as required to complete the work in all respects complete as directed by the IEG and as per the tender specification attached. | | | |
| | 5/6- Passenger Lift (Machine Room Less or with Machine Room Lift) | 01 Nos. | | |
| | Total Part A (INR) | | | |
| | Description of Work | Qty. | Rate | Amount |
| 2. | PART - B | | (in Rs.) | (in Rs.) |
| | Less credit for dismantling, buying back and taking away all old equipment and scrap materials of existing lift at Institute of Economic Growth, University of Delhi Enclave, North Campus, Delhi | 01 Job | | |
| | Total Part B (INR) | | | |
| | Total (Part A – Part B) INR | | | |

Total (in words):

Financial Bid

**Institute of Economic Growth,
University of Delhi Enclave, North Campus,
Delhi-110007**

**Sub:- Comprehensive Annual Maintenance Cost (AMC) of One Number 5/6 Passenger
New Lift at Institute of Economic Growth, University of Delhi Enclave, North
Campus, Delhi.**

Note: All Bidder have to quote for the AMC of the same lift after expiry of DLP Period of one year for next three year. This quote will not be consider for evaluation of the L1 Bidder for dismantling and SITC work. This quote is for Rate only. IEG will have full authority for L1 Bidder will be considered/non considered for AMC after expiry of the DLP Period of one year.

| S. No | Description of Work | Qty. | Rate | Amount |
|--------------|---|-------------|-------------|---------------|
| | Comprehensive Annual Maintenance Cost | (Annually) | (in Rs.) | (in Rs.) |
| 1 | Comprehensive AMC for 1 st year after completion of Defect Liability period for one year. (Annually) | 01 Job | | |
| 2 | Comprehensive AMC for 2 nd year after completion of Defect Liability period for one year. (Annually) | 01 Job | | |
| 3 | Comprehensive AMC for 3 rd year after completion of Defect Liability period for one year. (Annually) | 01 Job | | |
| | Total (INR) | | | |
| | | | | |

Total (in words):

NOTE - Award of AMC will be depends upon the other administrative factors and AMC will be awarded as per sole decision of IEG, if situation so warrants.