INDIAN INSTITUTE OF TECHNOLOGY DELHI

HAUZ KHAS, NEW DELHI – 110016

NOTICE INVITING E-TENDER

IITD/WORKS (SP-4456)/2023

Executive Engineer (Electrical Division-I), Indian Institute of Technology Delhi, Hauz Khas, New Delhi – 110016, Ph. No. 011-2654 8437 on behalf of Board of Governors invites online **Item Rate Tender** from the **"CPWD, MES, BSNL, Railways Enlisted Contractors of Composite Category in appropriate class and specialized agency"** for providing and installations of **lifts** as per details given below.

1	Name of work	**:**	**Replacement of 5 x 8 Passenger Lifts at different places in IIT Delhi.**
2	NIT No.	**:**	**0276/54/IITD/EW/2023-24**
3	Estimated Cost (₹)	**:**	**1,06,07,941.00**
4	Earnest Money Deposit (₹)	**:**	**2,12,159.00 (No exemption allowed)**
5	Period of completion	**:**	**270 days**
6	Last date & time of bid submission	**:**	**Upto 3 PM of 26-12-2023**
7	Performance Bank Guarantee	**:**	**5 percent of the tendered amount**

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

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

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

Executive Engineer (ED-I)
For & on behalf of BOG, IIT Delhi

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Ch. Head : Renovation (Research Facility and Housing)/35.01.02(IOE) & Operation and maintenance of Building / 31.06.30 (AMC)
Work Code : (2021/006/0276) & (2021/006/0277) (AMC)

Copy to:-
1. Assistant Executive Engineer (E)
2. D.A. (Works Accounts)
3. D.R. (A/C)
4. A.R. (Store Purchase Section)
5. Notice Board
6. Website Administrator, IIT Delhi
7. Office copy

INDEX

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SCHEDULE

1	Name of organisation	**:**	Indian Institute of Technology Delhi
2	Tender / Quotation type (open / limited / EOI / auction / single)	:	Open
3	Tender / Quotation category (services / goods / works)	**:**	Goods & Works
4	Type of Contract (work / supply / auction / service / buy / empanelment / sell)	**:**	Work & Supply
5	Form of contract (IITD – 7/8)	**:**	IITD – 8
6	Work Category (civil / electrical / fleet management / computer systems)	**:**	Electrical
7	Is multi-currency allowed?	**:**	No
8	Date of publishing / issue / start	**:**	15-12-2023 04:00 PM
9	Document download start date	**:**	15-12-2023 04:00 PM
10	Document download end date	**:**	26-12-2023 03:00 PM
11	Date & time of pre-bid meeting	**:**	No pre-bid meeting be held
12	Venue of pre-bid meeting	**:**	NIL
13	Last date & time of uploading of bids	**:**	Upto 3 PM of 26-12-2023
14	Date & time of opening of Technical bids	**:**	27-12-2023 at 3.00 PM
15	Tender fee	**:**	Free of cost
16	Earnest Money Deposit (EMD)	**:**	**Rs.2,12,159.00** **To be paid through RTGS / NEFT.** IIT Delhi Bank details are as under: Name of Bank A/C: IITD Revenue A/C SBI A/C No. – **10773572622** Name of Bank: **State Bank of India**, IIT Delhi, Hauz Khas, New Delhi – 110016 IFSC Code: **SBIN0001077** MICR Code: **110002156** Swift No.: SBININBB547 This is mandatory that UTR number is provided in the online quotation / bid (Refer UTR column in the Declaration sheet at Annexure – 1) **OR** In the form of Banker's Cheque or Demand Draft or FDR of scheduled bank in favour of **Registrar, IIT Delhi** (scanned copy of the same to be uploaded with the bid, date of issue shall be within the NIT period)
17	No. of bids / covers (1 / 2 / 3 / 4)	**:**	**2**

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18	Address for communication	**:**	Executive Engineer (ED-I), Works Department, IIT Delhi, Hauz Khas, New Delhi - 110016
19	Contact No.	**:**	011 2654 8437
20	e-mail address	**:**	aashish@admin.iitd.ac.in;

INSTRUCTIONS FOR ONLINE BID SUBMISSION

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

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

REGISTRATION

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

SEARCHING FOR TENDER DOCUMENTS

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

PREPARATION OF BIDS

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

SUBMISSION OF BIDS

1. Bidder should log into the site well in advance for bid submission so that he / she upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.

2. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
3. Bidder has to select the payment option as "on-line" to pay the tender fee / EMD as applicable and enter details of the instrument. Whenever, EMD / Tender fees is sought, bidders need to pay the tender fee and EMD separately on-line through RTGS (Refer to Schedule, Page no. 3)
4. A standard BOQ Format has been provided with the tender document to be filled by all the bidders. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. Bidders are required to download the BOQ file, open it and complete the white coloured [unprotected] cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it online, without changing the filename. If the BOQ file is found to be modified by the bidder, the bid will be rejected.

   OR

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

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

ASSISTANCE TO BIDDERS

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

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2. Any queries relating to the process of online bid submission or queries relating to CPP portal in general may be directed to the 24 x 7 CPP Portal Help Desk. The contact number of the helpdesk is 18002337315.

GENERAL INSTRUCTIONS TO THE BIDDERS

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

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INFORMATION & INSTRUCTION TO BIDDERS FOR E-TENDERING

Executive Engineer (ED-I), Indian Institute of Technology Delhi, Hauz Khas, New Delhi – 110016, Ph. No. 011-2654 8437 on behalf of Board of Governors invites online **Item Rate Tender** from the **"CPWD, MES, BSNL, Railways Enlisted Contractors of Composite Category in appropriate class and specialized agency"** as per details given below:

Sr. No.	NIT No.	Name of Work & Location	Estimated cost put to bid (₹)	Earnest money (₹)	Period of completion	Last date & time of submission of bid	Time & date of opening of Technical Bid	Time & date of opening of Financial Bid
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	**0276/54/IITD/EW/2023-24**	**Replacement of 5 x 8 Passenger Lifts at different places in IIT Delhi.**	1,06,07,941.00	2,12,159.00	270 days	Upto 3 PM of 26-12-2023	27-12-2023 at 03 PM	To be decided after assessing Technical Bids

1. The bidder whose bid is accepted shall be required to submit a performance guarantee of 5 percent of the tendered amount in the form of Bank Guarantee or FDR from a nationalised / scheduled bank within the period specified in Schedule F. in case the bidder fails to deposit the said performance guarantee within the period as indicated in Schedule 'F', including the extended period if any, the Earnest Money deposited by the bidder shall be forfeited automatically without any notice to the bidder. The Performance Guarantee shall initially be kept valid upto the stipulated date of completion plus sixty days beyond that.

2. Contractors who fulfil the following requirements shall be eligible to apply. Joint ventures are not accepted.

a. Should have satisfactorily completed the works as mentioned below during the last Seven years ending **previous day of last date of submission of bids.**

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i. **Three** similar works each costing not less than **Rs.42,44,000.00**, or **two** similar works each costing not less than **Rs.63,65,000.00**, or one similar work costing not less than **Rs.84,87,000.00** (all figures rounded to nearest thousand)

ii. **Earnest money** of Rs. 2,12,159.00 to be deposited either online or scanned copy of Banker's Cheque or Demand Draft or FDR as indicated in the Schedule at pg 3.

3. The value of executed work shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum; calculated from the date of completion to last date of submission of financial bid.

4. **Similar work means Supply, Installation, Testing and Commissioning of Lifts including associated E&M and Civil works in buildings.**

5. Work means work done with some Central Government Department / State Government Department/ Central Autonomous Body / State Autonomous Body / Central Public Sector Undertaking / State Public Sector Undertaking / City Development Authority / Municipal Corporation of City formed under any Act by Central / State Government and published in Central / State Gazette.

6. Completion certificates are required to be got issued by an officer not below the rank of Executive Engineer of similar works completed by the Firm. The work experience certificates submitted by the bidders shall clearly indicate that:

a. The similar work executed shall be **as per '4' above**

b. The completed cost of the work

c. Actual date of completion of the work

7. IITD is committed to follow the principle of transparency, equity and competitiveness in public procurement. Before submission of bid, **each bidder should sign integrity pact at respective places** and submit the bid. **If duly signed integrity pact is not submitted by bidder, such bid shall not be considered.**

8. **The intending bidder must read the terms and conditions [both commercial & Additional] & IITD - 6 carefully** which will be the part of the Contract. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.

9. Information and Instructions for bidders posted on website shall form part of bid document.

10. 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 e-procure.gov.in free of cost.

11. But the bid can only be submitted after depositing requisite EMD as specified in the "Schedule".

12. Copy of all mandatory documents as desired in the NIT shall be scanned and up-loaded to the e-Tendering website within the period of bid submission. However, certified / original copy of all the scanned and up-loaded documents shall have to be submitted by the lowest bidder only within a week physically in the office of e-tendering authority, if so desired, by the tender inviting authority.

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13. Online bid documents submitted by intending bidders shall be opened only of those bidders, who has deposited requisite EMD / attached scanned copy and other documents scanned and uploaded are found in order.

14. Those contractors not registered on the website mentioned above, are required to get registered beforehand. Bidders should refer “Instruction for Online Bid Submission” given earlier for further assistance.

15. When bids are invited in two / three stages systems and if it is desired to submit revised financial bid it shall be mandatory to submit revised financial bid. If not submitted then the bid submitted earlier shall become invalid.

16. The department reserves the right to reject any prospective application without assigning any reason and to restrict the list of qualified contractors to any number deemed suitable by it, if too many bids are received satisfying the laid down criterion.

17. Contractors must ensure to quote rate of each item.

18. The Lift Manufacturer shall comply with BIS standards, duly certified by designated labs / certifying agencies.

19. The manufacturer shall be complaint to the Public Procurement (Preference to Make in India), Order 2017 (as amended from time to time) issued by the Department of Industrial Policy and Promotion(DIPP), Ministry of Commerce and Industry.

20. The experience of successful completion of similar works shall be as per CPWD Works Manual/ SoP.

21. The Manufacturer shall furnish an undertaking regarding availability of spares for the entire life of the lift i.e. 15 to 20 years.

22. The complete Lift installation including its components, safety device, various types of controls etc., testing, inspection, operation & maintenance shall conform to relevant Codes / Standard /Code of practices / Guidelines / Safety Rules / Inspection Manual (s) / Rule issued by Bureau of Indian Standards, as amended upto date..

23. Quality Standards shall conform to IS/ISO-9001:2015 as amended.

24. The Down Time of installed lifts, which are being maintained by the manufacturer, shall not be more than 8 hours (average) in case of minor faults and 7 days (average) in case of major faults in last one year. The data to be considered shall be for last financial year.

25. The eligible tenderers quote rates for various items of major components of work. The lowest tenderer is decided based on the quoted rates in respect of all schedules attached in tender documents. It is obligatory on the part of the main contractor to sign the tender document for all the components.

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List of Mandatory Documents to be scanned and uploaded within the period of bid submission:

1. Annexure – I duly filled in and duly mentioning UTR No. for EMD deposition or Banker's Cheque or Demand Draft or FDR number with date of issue and got signed
2. Proof of EMD deposit / Scanned copy of DD submission (favouring 'Registrar, IIT Delhi')**.**
3. Certificate of work experience as desired (vide clause 4 above)
4. Certificate of GST Registration of the State in which the work is to be taken up, if already obtained by the bidder. If the bidder has not obtained GST registration in the State in which the work is to be taken up, or as required by GST authorities then in such a case the bidder shall scan and upload following undertaking alongwith other bid documents.

   "if work is awarded to me, I/we shall obtain GST registration certificate of the State, in which work is to be taken up within one month from the date of receipt of award letter or before release of any payment by IIT Delhi, whichever is earlier, failing which I/we shall be responsible for any delay in payments which will be due towards me/us on a/c of the work executed and/or for any action taken by IIT Delhi or GST department in this regard."

5. Affidavit as per provision of the clause 1.1.2 of IITD-6 [To be submitted on stamp paper]
6. Acceptance to execute INTEGRITY PACT [see integrity pact]
7. IITD 7 / 8 duly signed
8. EPFO & ESIC Registration proof
9. Valid Electrical Licence
10. Technical Compliance sheet (Annex – H) duly filled in and signed with Annexure X1 and X2.
11. Certificate **(that the OEM is complying with BIS standards)** duly certified by designated labs / certifying agencies.
12. Certificate in this regard that the OEM is PPP MII Order-2017 (as amended) compliant.
13. An undertaking on OEM letter head regarding availability of spares for the entire life of the lift
14. Quality Standards certificates of OEM conforming to IS/ISO-9001:2015 (as amended)
15. Certificate on OEM letter head that *the complete Lift installation including its components, safety device, various types of controls etc., testing, inspection, operation & maintenance shall conform to relevant Codes / Standard /Code of practices / Guidelines / Safety Rules / Inspection Manual (s) / Rule issued by Bureau of Indian Standards, as amended upto date*.
16. ***"The Down Time of installed lifts (mentioning details of capacity of lifts, date of commissioning, etc.), which are being maintained by the manufacturer, shall not be more than 8 hours (average)***

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in case of minor faults and 7 days (average) in case of major faults in last one year. The data to be considered shall be for last financial year." – A certificate in this regard from the present client of OEM shall have to be enclosed with Technical bid.

17. Any other document as specified in the NIT

[N.B. -- As per CPWD Works Manual 2019, "MSME firms registered in NSIC under PP policy are exempted from payment of EMD for supply of goods and services only" Hence, there is ***no applicability of EMD exemption*** *for this work. BID without EMD will summarily be rejected]*

Executive Engineer [ED-I]
For & on Behalf of BOG, IIT Delhi

IITD – 6

INDIAN INSTITUTE OF TECHNOLOGY DELHI

NOTICE INVITING E-TENDER

1.0 Item rate tenders are invited on behalf of The Board of Governors, IIT Delhi, Hauz Khas, New Delhi - 110016 from **"CPWD, MES, BSNL, Railways Enlisted Contractors of Composite Category in appropriate class and specialized agency"** as per details given below for the work of **Replacement of 5 x 8 Passenger Lifts at different places in IIT Delhi.**

1.1 The work is estimated to cost **Rs.1,06,07,941.00.** This estimate, however, is given merely as a rough guide.

1.1.1 Criteria of eligibility for submission of bid documents: Conditions for intending bidders / contractors:

1.1.1.1 **Three** similar works each costing not less than **Rs. 42,44,000.00**, or **two** similar works each costing not less than **Rs.63,65,000.00**, or one similar work costing not less than **Rs.84,87,000.00** in last 7 years ending previous day of last date of submission of bids. The value of executed work shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum; calculated from the date of completion to last date of submission of financial bid.

1.1.2 To become eligible for issue of bid, the bidders shall have to furnish an affidavit as under: - *"I / We undertake and confirm that eligible similar works(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I / we shall be debarred for bidding in IIT Delhi in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee (Scanned copy to be uploaded at the time of submission of bid)".*

2.0 Agreement shall be drawn with the successful bidders on prescribed Form No. IITD 7/8 which is available as IIT Delhi Publication. Bidders shall quote their rates as per various terms and conditions of the said form which will form part of the agreement.

3.0 The time allowed for carrying out the work will be **270 days** from the date of start as defined in schedule 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the bid documents.

4.0 The site for the work is available.

5.0 The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents except Standard General Conditions of Contract Form can be seen from the web Site **e-procure.gov.in.**

6.0 After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of tender as notified.

7.0 While submitting the revised bid, contractor can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of tender as notified.

8.0 If it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted then the tender submitted earlier shall become invalid.

9.0 Earnest Money as specified to be paid through RTGS / NEFT. IIT Delhi Bank details are as under: Name of the Bank A/C**:** IITD Revenue Account; SBI A/C No.**:** 10773572622; Name of the Bank**:** State Bank of India, IIT Delhi, Hauz Khas, New Delhi-110016; IFSC Code:

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SBIN0001077; MICR Code: 110002156; Swift No.**:** SBININBB547 (This is mandatory that UTR Number is provided in the on-line quotation/bid. Kindly refer to the UTR Column of the Declaration Sheet at Annexure-1). **OR** In the form of Banker's Cheque or Demand Draft or FDR of scheduled bank in favour of **Registrar, IIT Delhi** (scanned copy of the same to be uploaded with the bid, date of issue shall be within the NIT period) Interested contractor who wish to participate in the bid has to ensure payment of EMD within the period of bid submission.

9.1 Copy of all 'mandatory documents' and other documents as specified in the press notice shall be scanned and uploaded to the e-tendering website within the period of bid submission. ***However, certified copy of all the scanned and uploaded documents alongwith original EMD (of scanned copy) as specified in press notice shall have to be submitted by the lowest bidder only within a week physically in the office of tender opening authority.***

10.0 The bid submitted shall become invalid, if:

10.1 The bidder is found ineligible.

10.2 The bidder does not upload all the documents (including GSTIN Registration) as stipulated in the bid document**.**

10.3 EMD not deposited online or not submitted as specified

10.4 If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted ***physically by the lowest bidder*** in the office of the bid opening authority.

11.0 The contractor whose bid is accepted will be required to furnish **performance guarantee of 5% (Five Percent)** of the bid amount within the period specified in Schedule F. This guarantee shall be in the form of Deposit at Call receipt of any scheduled bank / Banker' cheque of any scheduled bank/ Demand Draft of any scheduled bank/Pay order of any Scheduled Bank (in case guarantee amount is less than Rs.1,00,000/-) or Government Securities or Fixed Deposit Receipts or irrevocable Bank Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F' 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 alongwith bid shall be returned after receiving the aforesaid performance guarantee.**

12.0 Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and subsoil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidder implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.

13.0 The competent authority on behalf of the Board of Governors does not bind itself to accept

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the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidder shall be summarily rejected.

14.0 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.

15.0 The competent authority on behalf of the Board of Governors reserves to himself the right of accepting the whole or any part of the bid and the bidder shall be bound to perform the same at the rate quoted.

16.0 The contractor shall not be permitted to bid for works in the IITD responsible for award and execution of contracts, in which his near relative is posted a Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any Gazetted officer in the IIT Delhi. Any breach of this condition by the contractor would render him liable to be debarred from bidding process in future in IIT Delhi.

17.0 No Engineer of Gazetted rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. This contract liable to be cancelled, if, either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the contractor's service.

18.0 The bid for the works shall remain open for acceptance for a period of **ninety days from the date of opening of financial bids**, if any bidder withdraws his bid before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the bid which are not acceptable to the department, then the IIT Delhi shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the bidder shall not be allowed to participate in the re-bidding process of the work.

19.0 This notice inviting bid shall form a part of the contract document. The successful bidder / contractor, on acceptance of his bid by the Accepting Authority shall **within fifteen days** from the stipulated date of start of the work, sign the contract consisting of:-

19.1 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.

19.2 Standard IITD Form –7/8 or other Standard IITD Form as applicable.

20.0 In case any discrepancy is noticed between the documents as uploaded at the time of submission of the bid online and hard copies as to be submitted physically in IIT Delhi, if so desired by the accepting authority, then the bid submitted shall become invalid and the IIT Delhi shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the bidder shall not be allowed to participate in the bidding process of the work.

C … Nil I ….. Nil O …… Nil

JE[E] AEE / AE EE[ED-I]

INTEGRITY PACT

To

……..,

……..,
……..

Sub: NIT No. **0276/54/IITD/EW/2023-24** for the work of **"Replacement of 5 x 8 Passenger Lifts at different places in IIT Delhi."**

Dear Sir,

It is hereby declared that IIT Delhi (IITD) 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 the tender/bid documents, failing which the tender/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 IITD.

Yours faithfully,

Executive Engineer[ED-I]

C … Nil I ….. Nil O …… Nil

JE[E] AEE / AE EE[ED-I]

[TO BE SUBMITTED DULY SIGNED BY THE BIDDER ALONGWITH BID DOCUMENTS]

To

Executive Engineer (ED-I),
IIT Delhi, Hauz Khas,
New Delhi – 110016

Subject: Submission of Bid for the work of **"Replacement of 5 x 8 Passenger Lifts at different places in IIT Delhi."**

Dear Sir,

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

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

I / We confirm acceptance and compliance with the Integrity Agreement in letter and spirit and further agree that execution of the said Integrity Agreement shall be separate and distinct from the main contract, which will come into existence when tender/bid is finally accepted by IITD. 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, IITD shall have unqualified, absolute and unfettered right to disqualify the tenderer /bidder and reject the tender/bid is accordance with terms and conditions of the tender/bid.

Yours faithfully,

(Duly signed by authorized signatory of the Bidder)

C … Nil I ….. Nil O …… Nil

JE[E] AEE / AE EE[ED-I]

[To be signed by the bidder and same signatory competent / authorized to sign the relevant contract on behalf of IITD]

INTEGRITY AGREEMENT

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

BETWEEN

The Board of Governors, IIT Delhi, Hauz Khas, New Delhi - 16 represented through **Executive Engineer (ED-I)**, IIT Delhi
....., (Hereinafter referred as the '**Principal/Owner**',
(Address of Division)
'**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
(Details of duly authorized signatory)
to as the "**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. **0276/54/IITD/EW/2023-24**) (hereinafter referred to as "**Tender/Bid**") and intends to award, under laid down organizational procedure, contract for **"Replacement of 5 x 8 Passenger Lifts at different places in IIT Delhi."** (Name of work) 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:

C … Nil I ….. Nil O …… Nil

JE[E] AEE / AE EE[ED-I]

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:

1.1. 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.

1.1.1. 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.

1.1.2. 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 (PoC 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:

2.1. 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.

2.2. 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.

2.3. The Bidder(s) / Contractor(s) will not commit any offence under the relevant IPC/PoC 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.

2.4. 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

C … Nil I ….. Nil O …… Nil

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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.

2.5. 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 practices **means a wilful misrepresentation or omission of facts or submission of fake/forged documents in order to induce public official to act in reliance thereof, with the purpose of obtaining unjust advantage by or causing damage to justified interest of others and/or to influence the procurement process to the detriment of the Government interests**.

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

ARTICLE 3: CONSEQUENCES OF BREACH

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

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

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

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

ARTICLE 4: PREVIOUS TRANSGRESSION

C … Nil I ….. Nil O …… Nil

JE[E] AEE / AE EE[ED-I]

1. The Bidder declares that no previous transgressions occurred in the last 5 years with any other Company in any country confirming to the anticorruption approach or with Central Government or State Government or any other Central/State Public Sector Enterprises in India that could justify his exclusion from the Tender process.
2. If the Bidder makes incorrect statement on this subject, he can be disqualified from the Tender process or action can be taken for banning of business dealings/ holiday listing of the Bidder/Contractor as deemed fit by the Principal/ Owner.
3. If the Bidder/Contractor can prove that he has resorted / recouped the damage caused by him and has installed a suitable corruption prevention system, the Principal/Owner may, at its own discretion, revoke the exclusion prematurely.

ARTICLE 5: EQUAL TREATMENT OF ALL BIDDERS/CONTRACTORS/SUBCONTRACTORS

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

ARTICLE 6: DURATION OF THE PACT

1. This Pact begins when both the parties have legally signed it. It expires for the Contractor/Vendor 6 months after the completion of work under the contract or till the continuation of defect liability period, whichever is more and for all other bidders, till the Contract has been awarded.
2. 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 of IIT Delhi.

ARTICLE 7: OTHER PROVISIONS

1. This Pact is subject to Indian Law, place of performance and jurisdiction is the Head Quarters of the Division of the Principal/Owner, who has floated the Tender.
2. Changes and supplements need to be made in writing. Side agreements have not been made.
3. If the Contractor is a partnership or a consortium, this Pact must be signed by all the partners or by one or more partner holding power of attorney signed by all partners and consortium members. In case of a Company, the Pact must be signed by a representative duly authorized by Board Resolution.
4. Should one or several provisions of this Pact turn out to be invalid; the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original 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

C … Nil I ….. Nil O …… Nil

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1. 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 :

C … Nil I ….. Nil O …… Nil

JE[E] AEE / AE EE[ED-I]

IITD - 7/8

INDIAN INSTITUTE OF TECHNOLOGY DELHI

HAUZ KHAS, NEW DELHI - 110016

Percentage Rate Tender / Item Rate Tender & Contract for Works

Tender for the work of **"Replacement of 5 x 8 Passenger Lifts at different places in IIT Delhi."**

1. To be submitted online by **Upto 3 PM of 26-12-2023**
2. To be opened on **27-12-2023 at 03 PM** online

e-TENDER

I / We have read and examined the Notice Inviting Tender, schedule, A, B, C, D, E & F, Specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, Clauses of Contract, Special conditions, Schedule of Rate & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

I / We hereby tender for the execution of the work specified for the Board of Governors, IIT Delhi within the time specified in Schedule 'F' viz., schedule of quantities and in accordance in all respect with the specifications, designs, drawing and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the Conditions of contract and with such materials as are provided for, by, and in respect of accordance with, such conditions so far as applicable.

We agree to keep the tender open for ninety (90) days from the due date of its opening / ninety days from the date of opening of financial bid in case tenders are invited on 2/3 envelop system (**strike out as the case may be**) and not to make any modification in its terms and conditions.

A sum of **Rs.2,12,159.00** is hereby deposited in IIT Delhi Revenue Account No. 10773572622 as earnest money / D.D. for Rs. 2,12,159.00 has been uploaded with bid. (Strike out whichever is applicable. If I / We, fail to furnish the prescribed performance guarantee within prescribed period I / We agree that the said The Board of Governors, IIT Delhi, Hauz Khas, New Delhi - 16 or his successors, in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I / We fail to commence the work as specified, I / We agree that The Board of Governors, IIT Delhi, Hauz Khas, New Delhi - 16 or the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form. Further, I / We agree that in case of forfeiture of Earnest Money & Performance Guarantee as aforesaid I / We shall be debarred for participation in the re-tendering process of the work.

I / We undertake and confirm that eligible similar work(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I / We shall be debarred for tendering in IIT Delhi in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall

C … Nil I ….. Nil O …… Nil

JE[E] AEE / AE EE[ED-I]

be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.

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

Dated:

Signature of Contractor

Witness:

Postal Address

Address:

Occupation:

ACCEPTANCE

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for an on behalf of The Board of Governors, IIT Delhi, Hauz Khas, New Delhi - 110016 for a sum of (Rupees……..……).

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

(a)

(b)

(c)

For & on behalf of Board of Governors, IIT Delhi

Signature ……..

Dated: Designation …….

C … Nil I ….. Nil O …… Nil

JE[E] AEE / AE EE[ED-I]

PROFORMA OF SCHEDULES

SCHEDULE "A"

Schedule of Quantities (enclosed)

SCHEDULE "B"

Schedule of materials to be issued to the contractor

Sr. No.	Description of item	Quantity	Rates in figures & words at which the materials will be charged from the contractor	Place of issue
(1)	(2)	(3)	(4)	(5)
	--- NIL ---			

SCHEDULE "C"

Tools and Plants to be hired to the contractor

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

SCHEDULE "D"

Extra schedule for specific requirements / documents for the work, if any.

------ NIL -----

SCHEDULE "E"

Reference to General Conditions of Contract

1	**Reference to general conditions of Contract**	**:**	**GCC for maintenance work 2023 for CPWD work along with correction slip / amendment issued upto last date of submission of bid.**
2	Name of work	:	Replacement of 5 x 8 Passenger Lifts at different places in IIT Delhi.
3	Estimated cost of work (Rs.)	**:**	1,06,07,941.00
4	Earnest Money (Rs.)	**:**	2,12,159.00

C … Nil I ….. Nil O …… Nil

JE[E] AEE / AE EE[ED-I]

5	Performance Guarantee	**:**	5 percent of tendered value
6	Security Deposit	**:**	2.5 percent of tendered value

SCHEDULE "F"

GENERAL RULES & DIRECTIONS:

Officer inviting tender	**:**	Executive Engineer (ED-I)
Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3	**:**	**See below**

DEFINITIONS:

2 (V)	Engineer-in-charge	**:**	Executive Engineer (ED-I)
2 (viii)	Accepting authority	**:**	Institute Engineer
2 (x)	Percentage on cost of materials and labour to cover all overheads and profits	**:**	20 percent
2 (xi)	Standard Schedule of Rates	**:**	Market, DSR & PAR of CPWD
2 (xii)	Department	**:**	Estate & Works, IIT Delhi
9 (ii)	Reference to General condition of contract	**:**	GCC for maintenance work 2023 for CPWD works along with correction on slips/ amendment issued up to last date of Submission of bid.

CLAUSE 1

i)	Time allowed for submission of Performance Guarantee from the date of issue of letter of acceptance	**:**	15 days
ii)	Maximum allowable extension beyond the period provided in (i) above with late fees @0.1% per day of performance guarantee	**:**	10 days

CLAUSE 2

(i)	Authority for fixing compensation under Clause 2	**:**	Institute Engineer

C … Nil I ….. Nil O …… Nil

JE[E] AEE / AE EE[ED-I]

CLAUSE 2A

(i)	Whether Clause 2A shall be applicable	:	No

CLAUSE 5

(i)	Number of days from the date of issue of letter of acceptance for reckoning date of start	:	10 days

TABLE OF MILE STONE(S):

Sr. No.	Description of Milestone (physical)	Time allowed in days (from date of start)	Amount to be with-held in case of non-achievement of milestone
(1)	(2)	(3)	(4)
1	1/8th (of the whole work)	1/4th (of whole work)	1% of tendered value of work
2	3/8th (of whole work)	1/2nd (of whole work)	1% of tendered value of work
3	3/4th (of whole work)	3/4th (of whole work)	1% of tendered value of work
4	Full	Full	1% of tendered value of work

Time allowed for execution of work	:	270 days

Authority to decide:	**Extension of time**	:	Engineer-in-charge
	Rescheduling of milestones	:	Institute Engineer

CLAUSE 6A

Clause applicable – (6A)	:	6 A

CLAUSE 7

Gross work to be done together with net payment / adjustment of advances for materials collected, if any, since the last such payment for being eligible to interim payment	:	20 Lakhs

C … Nil I ….. Nil O …… Nil

JE[E] AEE / AE EE[ED-I]

CLAUSE 10A

List of testing equipment to be provided by the contractor at site lab					
1	**NIL**	**2**	**NIL**	**3**	**NIL**
4	**NIL**	**5**	**NIL**	**6**	**NIL**

CLAUSE 10B (ii)

Whether Clause 10 B (ii) shall be applicable (Yes / No)	:	No

CLAUSE 10 C

Component of labour expressed as percent of value of work	:	15 Percent

CLAUSE 10 CA (Not Applicable)

Materials covered under this clause		Nearest materials (other than cement, reinforcement bars & structural steel) for which All India Wholesale Price index to be followed	Base Price of all the materials covered under clause 10 CA*
1	**NIL**		
2	**NIL**		
3	**NIL**		
4	**NIL**		

*base price of all materials covered under clause 10 CA is to be mentioned at the time of approval of NIT

CLAUSE 10CC (Not Applicable)

Clause 10 CC to be applicable in contracts with stipulated period of completion exceeding the period shown in next column	:	00 months
Schedule of component of other Materials, Labour, P.O.L. etc. for price escalation.		
Component of Civil (except materials covered under clause 10 CA) / Electrical construction materials - expressed as percent of total value of work	:	**X_m = percent**
Component of labour - expressed as percent of total value of work	:	**Y = percent**
Component of P.O.L. – expressed as percent of total value of work	:	**Z= percent**

C … Nil I ….. Nil O …… Nil

JE[E] AEE / AE EE[ED-I]

CLAUSE 11

Specification to be followed for execution of work	:	CPWD General Specifications for Electrical Works (Part III Lift & Escalator) and other relevant Parts as amended upto date

CLAUSE 12

12.2 & 12.3	Deviation limit beyond which clauses 12.2 & 12.3 shall apply for building work	:	100%
12.3 A	Type of work	:	Maintenance works including works of up-gradation, aesthetic, special repair, addition / alteration
12.5	Deviation limit beyond which clauses 12.2 & 12.3 shall apply for foundation work	:	100%

CLAUSE 16

Competent authority for deciding reduced rates	:	Executive Engineer

CLAUSE 18

List of mandatory machinery, tools & plants to be deployed by the contractor at site					
1	**NIL**	**2**	**NIL**	**3**	**NIL**
4	**NIL**	**5**	**NIL**	**6**	**NIL**

CLAUSE 32

Requirement of Technical Representative (s) and recovery rate

Sr. No.	Minimum qualification of Technical Representative	Discipline	Designation (Principal Technical / Technical representative)	Minimum experience	Number	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 36 (i)	
						Figures	**Words**
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

C … Nil I ….. Nil O …… Nil

JE[E] AEE / AE EE[ED-I]

1	Graduate Engineer or Diploma Engineer	Electrical or Electrical & Electronics	Technical Representative	2 years for Graduate and 5 years for Diploma	1	15000	Rupees Fifteen Thousand per month per person

Assistant Engineers retired from Govt. / IIT Delhi services that are holding Diploma will be treated at par with Graduate Engineers.

COMMERCIAL AND ADDITIONAL CONDITIONS

1. GENERAL

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

1.2. Location: The equipments will be installed at MS Building, Vishwakarma Bhawan building, Taxila Apartment, Synergy Building at IIT Delhi

1.3. The work shall be executed as per CPWD General Specifications for Electrical Works Part-I (Int.) 2013, Part-II (Ext.) 1994, Part-IV (Sub St.) 2013, Part-III (Lifts & Escalators), as amended upto date, relevant I.E. Rules, BIS/IEC and as per directions of Engineer-in- Charge. These additional specifications/conditions are to be read in conjunction with above and in case of variations; specifications given in these additional conditions shall apply. However, nothing extra shall be paid on account of these additional specification and 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 get familiarize with the site conditions before tendering.

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

2. COMMERCIAL CONDITIONS:

2.1. **Type of contract:** The work to be awarded by this tender shall be treated as **indivisible works contract.**

2.2. **Submission and opening of Tenders:**

2.2.1. The tender is in two parts:

2.2.1.1. Part-I -Technical cum Un-priced commercial Bid

2.2.1.2. Part-II-Price Bid

2.3. The tender shall be submitted online, duly completed as per NIT conditions within period of bid submission.

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

2.5. Technical cum un-priced commercial bid only shall be opened on the due date and time in the presence of tenderers or their authorized representative who wish to remain present.

2.6. Scrutiny/evaluation of the technical-cum-commercial 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 too many deviations, the department reserves the right to reject the technical bid of such firms(s) without making any reference to the tenderer(s).

2.7. 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.

2.8. After obtaining clarification from all the tenders, the department will intimate the tenders whose technical cum commercial bids are acceptable.

2.9. The price bids of only those tenderers shall be opened whose technical bids are found to be technically acceptable. The time and date of opening of price bid shall be fixed after the technical cum unpriced commercial bid is accepted and intimated to them by post/Fax/e-mail.

2.10. 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.

3. TERMS OF PAYMENTS

3.1. The following percentage of contact rates for the various items included in the contact shall be payable against the stage of work shown herein.

3.2. 80% after initial inspection and delivery at site in good condition on pro-rata basis.

3.3. 10% after completion of installation in all respects.

3.4. Balance 10% will be paid after testing, commissioning, trial run and handing over to the department for beneficial use.

4. SECURITY DEPOSIT

4.1. Security Deposit shall be deducted from each running bill and final bill to the extent of 2.5% of the gross amount payable. **The security deposit shall be released on the expiry of guarantee period stipulated in the contract**.

5. PERFORMANCE GUARANTEE

5.1. The successful tenderer shall submit an irrevocable performance guarantee of 5% of the tendered amount in addition to other deposit mentioned elsewhere in the contract for his proper performance of the contract agreement within 15 days of issue of letter of acceptance of tender. This guarantee shall be in the form of Demand Draft/Pay order of irrevocable bank guarantee bond of any schedule bank or the State Bank of India in the specified perform a of Government

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Security, fixed deposit receipt pledged in favour of **Registrar, IIT Delhi** or as specified in the letter of acceptance of tender. The performance guarantee shall be initially valid up to the stipulated date of completion plus 60 days beyond. This bank guarantee shall be kept valid till the recording of completion certificate for the work by the competent authority.

5.2. Income tax, GST, labour cess & other statutory deduction etc. shall be made at source as per the prevalent laws. The deduction of Security Deposit, Income Tax, etc., shall be done after calculation for the above due payment as per clause 3 above and net payment shall reduce accordingly.

6. RATES

6.1. The rates quoted by the tenderer, shall be firm and inclusive of all taxes (including works GST & labour cess), duties, levies, etc. and all charges for packing forwarding, insurance, freight and delivery, installation, testing and commissioning etc. at site including temporary construction of storage, risks overhead charges, general liabilities/ obligations and clearance from Lift Inspector. However, the fee if any, for the inspections shall be borne by the Department.

6.2. The contractor has to carry out maintenance as per manufacturer's standards for a period of (1 + 5) years from the date of handing over. Nothing extra shall be paid on this account on the 1st year.

6.3. Reserved price for dismantled materials is fixed as indicated in BOQ. Bidder cannot quote below that rate.

7. COMPLETENESS OF TENDER

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

8. STORAGE AND CUSTODY OF MATERIAL

8.1. The agency has to make his own arrangement for storage. No separate storage accommodation shall be provided by the department Watch and ward of the storage and their safe custody shall be responsibility till the final taking over of the installation by the department.

9. CARE OF THE BUILDING

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

10. COMPLETION PERIOD

10.1. The completion period indicated in the tender documents is for the entire work of planning, designing, approval of drawings etc, arrangement of materials & equipments, delivery at site

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including transportation, installation, testing, commissioning and handing over of the entire system to the satisfaction of the Engineer-in-charge.

11. GUARANTEE

11.1. All equipments shall be guaranteed for a period of 12 months from the date of taking over the installation by the department against unsatisfactory performance and / or breakdown due to defective design, workmanship or material. The equipment or component, 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 department that undue delay is being caused by the contactor in doing this, the same will be got done by the department at the risk and cost of the contractor. The decision of Engineer-in-Charge in this regard shall be final & binding on the contractor.

11.2. The tenderer shall guarantee among other things, the following:

11.2.1. Quality, strength and performance of the material used as per manufacturer's standards.

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

11.2.3. Satisfactory operation during the maintenance period.

12. POWER SUPPLY

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

13. DATA MANUAL AND DRAWING TO BE FURNISHED BY THE TENDERER

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

13.2. The successful tender should furnish well in advance three copies of detailed instruction and manuals of manufacturer's for all items of equipments regarding installation, adjustment operation and maintenance including preventative maintenance and troubleshooting together with all the relevant date sheets, spare parts catalogue etc. all in triplicate.

14. EXTENT OF WORK

14.1. The work shall comprise of entire labour including supervision and all material necessary to make a complete installation and such tests and adjustment and commissioning as may be required by the department. The term complete installation shall not only mean major items of the plant and equipments covered by the specification 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 documents in connection with this contract as this is a turnkey job.

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

14.1.2. All supports for cable and MS Channel for erection as are necessary.

15. INSPECTION AND TESTING

15.1. The material and equipments shall be offered for initial inspection at manufacturer's works. The contactor will intimate the date of testing of equipments at the manufacturer's work before dispatch. The successful tenderer shall give advance notice of minimum two weeks regarding the dates proposed for such test to the department representative to facilitate his presence during testing. The Engineer- in-charge may witness such testing. The cost of the Engineer visit to the factory will be borne by the Department. Equipments will be inspected at the manufacturer premises before dispatch to the site. Nothing extra shall be paid for initial inspection/testing at Manufacture Works.

15.2. Copies of all documents of routine and type test certificates of the equipment carried out at the manufactures premises shall be furnished to the Engineer-in- charge and consignee.

16. VALIDITY

16.1. Tenders shall be valid for acceptance for a period 90 days of days from the date of opening of price bid.

17. 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 this specification in particular, the equipment and installation will comply with the following:

17.1.1. Factories Act

17.1.2. Indian Electricity Rules

17.1.3. B.I.S. & other standards as applicable

17.1.4. Workmen's compensation Act

17.1.5. Statutory norms prescribed by local bodies like fire department, CEA, Power Supply Co. etc.

17.1.6. After completion of the installation the same may be offered for inspection by the representatives of the Inspection Deptt of Delhi Govt. The contractor will extend all help including test facilities to the representatives of Inspector. The observation of Inspector will be attended by the contractor.

17.1.7. Nothing in this specification shall be construed to relieve the successful tender 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.

17.1.8. Successful tenderer shall arrange for compliance with statutory provisions of safety regulations and departmental requirements of safety codes in respect of labour employed on the work by the tenderer. Failure to provide such safety requirements would make the tenderer liable for

penalty of Rs.200/- for each default. In addition, the department will be at liberty to make arrangement for safety requirements at the cost of tenderer and recover the cost thereof from him.

18. INDEMNITY

18.1. The successful tenderer shall at all times indemnify the department, consequent on this works contract. The successful tenderer shall be liable, in accordance with the Indian Law and Regulations for any accident occurring due to any cause and the contractor shall 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 in so far as the latter is responsible. The successful tenderer shall also provide all insurance including third party insurance as may be necessary to cover the risk. No extra payment would be made to the successful tenderer on account of the above.

19. ERECTION TOOLS

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

20. COOPERATION WITH OTHER AGENCIES AND OCCUPANTS OF THE BUILDING

20.1. The successful tenderer shall co-ordinate with other working contractors, if any and other occupants of different offices / Labs, etc., and exchange freely all technical information so as to make the execution of this work / contract smooth. No remuneration should be claimed from the department 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 or cooperation and coordination by the 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 work was not under taken by the tenderer himself.

21. MOBILIZATION ADVANCE

21.1. No mobilization advance shall be paid for this work

22. INSURANCE AND STORAGE

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

23. TRAINING

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

24. MAINTENANCE

24.1. 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.

24.2. The maintenance, routine as well as preventative for the first year from the date of taking over the installation as per manufactures recommendation shall be carried out free of cost.

24.3. A separate supplementary agreement shall be made with the successful tenderer for Sub Head II of Schedule of Work i.e. Comprehensive Maintenance for 5 years after guarantee period of 1 year. The payment for comprehensive maintenance shall be made quarterly after the end of each quarter.

25. INTERPRETING SPECIFICATION

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

25.1.1. Schedule of quantities

25.1.2. Technical Specification

25.1.3. Drawing (if any)

25.1.4. General Specification for Electrical Works of CPWD (relevant Parts)

25.1.5. Relevant BIS or other international code in case BIS code is not available.

26. POLICY OF THE INSTITUTE

26.1. **Insti**tute has a policy against **sexual harassment** and is committed to providing an environment free from **sexual harassment of women** at the workplace. Contractor shall have to abide by the policy of the Institute with due diligence. Any violation on the part of the contractor shall be dealt with the extant rules of the Institute.

ADDITIONAL SPECIFICATIONS FOR PASSENGER LIFTS

Location:- MSB Building

1	Type of Lift	**:**	PASSENGER
2	Number of lifts required [Location wise]	**:**	02 (Two)
3	Load: Number of persons	**:**	544 kg : 08 Passenger per each lift
4	Rated speed	**:**	1.5 MPS
5	Travel in meters	**:**	23 m (approx.)
6	Number of floors served	**:**	G + 6 Floors
7	[a] Inside size of lift well	**:**	Available well size is about 1400 mm x 2120 mm
	[b] Pit depth	**:**	1600 mm
8	Clear inside size of lift car	**:**	About 1100 mm x 1300 mm
9	Dimension of lift machine room	**:**	**Machine room as per construction**
10	Position of counter weight	**:**	At the back side of the car
11	Position of machine room	**:**	At the top of the lift shaft
12 [a]	Type of control	**:**	Microprocessor based AC variable voltage variable frequency & Gearless
[b]	Type of operation	**:**	Duplex selective-collective operation with / without attendant
[c]	Potential free contacts	**:**	Potential free contacts for each floor position and up and down movement of the lift shall be provided in the controller which can be used for the building automation system at later date
13	Car entrance door		Toughened glass transparent type
[a]	Number	**:**	One
[b]	Size	**:**	Not less than 800 mm x 2000 mm [Height]
[c]	Type of doors	**:**	Horizontal sliding – centre opening telescopic
[d]	Car open in front only or open	**:**	In front only
14	Construction design and finish of car body work	**:**	Stainless steel [Linen finish]
15	**Type of signal system**		
[a]	Digital floor position indicator in the car and at all landings [to be provided above the car / landing doors]		
[b]	Travel direction indicator in the car and at all landings [to be provided above the car / landing doors]		
[c]	Gongs and visual indication on all landings for pre arrival of the car for two or more cars		
[d]	Overload warning Audio & Visual indicator, inside the car [lift should not start on overload]		

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[e]	Battery operated alarm bell and emergency light
[f]	Car operating panel with fade proof luminous buttons in car and with intercom
[g]	Luminous hall buttons at all landings
[h]	Fireman's switch at ground floor
[i]	Hall position indicators and buttons shall be Segment LED Indicators, Tactile button along with additional Braille inscriptions.
[j]	Fire Emergency Return: Upon activation of a key switch or a building's fire alarm, all calls are canceled, all cars immediately return to a specified evacuation floor and the doors open to facilitate the safe evacuation of passengers. Emergency Car Lighting: Car lighting which turns on immediately when power fails, providing a minimum level of lighting within the car.
[k]	Emergency Landing Device (Automatic rescue Device) **with audio announcer:** Upon power failure, a car equipped with this function automatically moves and stops at the nearest floor using a rechargeable battery, and the doors open to facilitate the safe evacuation of passengers with audio announcer. Dry type Battery (Maintenance Free) should be used for power backup.
[l]	Automatic speed control: Door load on each floor, which can depend on the type of hall doors, is monitored to adjust the door speed, thereby making the door speed consistent throughout all floors.
[m]	Door load detector: When excessive door load has been detected while opening or closing, the doors Door Load Detector immediately reverse.
[n]	Door Nudging Feature — With Buzzer: A buzzer sounds and the doors slowly close when they have remained open for longer than the preset period.
[o]	Multi-beam Door Sensor: Multiple infrared-light beams cover at least 2/3 of the door height of the doors to detect passengers or objects as the doors close.
[p]	Car Fan Shut Off — Automatic, If there are no calls for a specified period, the car ventilation fan will automatically turn off to conserve energy.
[q]	Car Light Shut Off — Automatic, If there are no calls for a specified period, the car lighting will automatically turn off to Conserve energy.
[r]	False Call Canceling— Automatic, If the number of registered car calls does not Correspond to the car load, all calls are canceled to avoid unnecessary stops.
[s]	False Call Canceling— Car Button Type Automatic, If a wrong car button is pressed, it can be canceled by quickly pressing the same button again twice.
[t]	Overload Holding Stop A buzzer sounds to alert the passengers that the car is overloaded. The doors remain open and the car will not leave that floor until enough passengers exit the car.
[u]	Safe Landing Service- If a car has stopped between floors due to some equipment malfunction, the controller checks the cause, and if it is considered safe to move the car, the car will move to the nearest floor at a low speed and the doors will open.
[v]	LCD / LED Position Indicator 5-7-inch LCD / LED for car operating panels shows the date and time, car position, travel direction and elevator status messages.

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[w]	Hall LCD / LED Position Indicator Display 5-7-inch LCD / LED for elevator halls shows the date and time, car position, travel direction and elevator status messages.		
[x]	Provision of CCTV and Intercom including wiring.		
[y]	Provision of Floor announcement with all time music.		
[z]	Provision of Single Phase/ phase failure sensing for ARD along with auto correction of phase reversal.		
16	**Landing entrance**		
[a]	Location of landing entrance in different floors	**:**	All doors on the same side
[b]	Number	**:**	G, 1, 2, 3, 4, 5, 6.
[c]	Size	**:**	Not less than 1500 mm x 2000 mm [h]
[d]	Type of doors	**:**	Horizontal sliding center opening / telescopic
[e]	Lift in use / lift out of order sign	**:**	A suitable box above the lift landing with LED illuminated [in English & Hindi] sign of "LIFT OUT OF ORDER" coming up simultaneously at all floors
17	Electric supply	**:**	[a] Power: 415 V, a.c., 3 phase, 50 Hz, 4 wire system
			[b] Lighting: 230 V, 50 Hz, a.c.
18	Is neutral wire available for control circuits	**:**	Yes
19	Proposed date for commencement on site	**:**	As per contract
20	Proposed date for completion	**:**	As per contract
21	Environmental condition at site of installation	**:**	Summer condition
			Winter condition
			Monsoon condition
			Height above sea level
22	Traction System	**:**	**Rope-in- belt driven technology**
23	Fire Rating	**:**	**2 Hour fire rating landing doors (certification required)**
24	Car Flooring	**:**	**Natural granite flooring**
25	Door sensor	**:**	**Light curtain protection on door**
26	Car and landing operation panel	**:**	Tactile push button along with additional Braille inscriptions.
27	Ventilation	**:**	**Noiseless centrifugal type fans (blowers) of appropriate throw of CFM inside the car**
28	Mirror	**:**	**Full length mirror on rear side**
29	Confirming to Quality Standard IS/ISO-9001:2015		IS/ISO-9001:2015

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Location:- Vishwakarma Bhawan

1	Type of Lift	**:**	PASSENGER
2	Number of lifts required [Location wise]	**:**	01 (One)
3	Load: Number of persons	**:**	544 kg : 08 Passenger per each lift
4	Rated speed	**:**	1.5 MPS
5	Travel in meters	**:**	29 m (approx.)
6	Number of floors served	**:**	B + G + 6 Floors
7	[a] Inside size of lift well	**:**	Available well size is about 1500 mm x 1600 mm
	[b] Pit depth	**:**	1600 mm
8	Clear inside size of lift car	**:**	About 1100 mm x 1300 mm
9	Dimension of lift machine room	**:**	**Machine room as per construction**
10	Position of counter weight	**:**	At the back side of the car
11	Position of machine room	**:**	At the top of the lift shaft
12 [a]	Type of control	**:**	Microprocessor based AC variable voltage variable frequency & Gearless
[b]	Type of operation	**:**	Simplex selective-collective operation with / without attendant
[c]	Potential free contacts	**:**	Potential free contacts for each floor position and up and down movement of the lift shall be provided in the controller which can be used for the building automation system at later date
13	Car entrance door		Toughened glass transparent type
[a]	Number	**:**	One
[b]	Size	**:**	Not less than 800 mm x 2000 mm [Height]
[c]	Type of doors	**:**	Horizontal sliding – centre opening telescopic
[d]	Car open in front only or open	**:**	In front only
14	Construction design and finish of car body work	**:**	Stainless steel [Linen finish]
15	**Type of signal system**		
[a]	Digital floor position indicator in the car and at all landings [to be provided above the car / landing doors]		
[b]	Travel direction indicator in the car and at all landings [to be provided above the car / landing doors]		
[c]	Gongs and visual indication on all landings for pre arrival of the car for two or more cars		
[d]	Overload warning Audio & Visual indicator, inside the car [lift should not start on overload]		
[e]	Battery operated alarm bell and emergency light		
[f]	Car operating panel with fade proof luminous buttons in car and with intercom		
[g]	Luminous hall buttons at all landings		

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[h]	Fireman's switch at ground floor
[i]	Hall position indicators and buttons shall be Segment LED Indicators, Tactile button along with additional Braille inscriptions.
[j]	Fire Emergency Return: Upon activation of a key switch or a building's fire alarm, all calls are canceled, all cars immediately return to a specified evacuation floor and the doors open to facilitate the safe evacuation of passengers. Emergency Car Lighting: Car lighting which turns on immediately when power fails, providing a minimum level of lighting within the car.
[k]	Emergency Landing Device (Automatic rescue Device) **with audio announcer:** Upon power failure, a car equipped with this function automatically moves and stops at the nearest floor using a rechargeable battery, and the doors open to facilitate the safe evacuation of passengers with audio announcer. Dry type Battery (Maintenance Free) should be used for power backup.
[l]	Automatic speed control: Door load on each floor, which can depend on the type of hall doors, is monitored to adjust the door speed, thereby making the door speed consistent throughout all floors.
[m]	Door load detector: When excessive door load has been detected while opening or closing, the doors Door Load Detector immediately reverse.
[n]	Door Nudging Feature — With Buzzer: A buzzer sounds and the doors slowly close when they have remained open for longer than the preset period.
[o]	Multi-beam Door Sensor: Multiple infrared-light beams cover at least 2/3 of the door height of the doors to detect passengers or objects as the doors close.
[p]	Car Fan Shut Off — Automatic, If there are no calls for a specified period, the car ventilation fan will automatically turn off to conserve energy.
[q]	Car Light Shut Off — Automatic, If there are no calls for a specified period, the car lighting will automatically turn off to Conserve energy.
[r]	False Call Canceling— Automatic, If the number of registered car calls does not Correspond to the car load, all calls are canceled to avoid unnecessary stops.
[s]	False Call Canceling— Car Button Type Automatic, If a wrong car button is pressed, it can be canceled by quickly pressing the same button again twice.
[t]	Overload Holding Stop A buzzer sounds to alert the passengers that the car is overloaded. The doors remain open and the car will not leave that floor until enough passengers exit the car.
[u]	Safe Landing Service- If a car has stopped between floors due to some equipment malfunction, the controller checks the cause, and if it is considered safe to move the car, the car will move to the nearest floor at a low speed and the doors will open.
[v]	LCD / LED Position Indicator 5-7-inch LCD / LED for car operating panels shows the date and time, car position, travel direction and elevator status messages.
[w]	Hall LCD / LED Position Indicator Display 5-7-inch LCD / LED for elevator halls shows the date and time, car position, travel direction and elevator status messages.

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[x]	Provision of CCTV and Intercom including wiring.		
[y]	Provision of Floor announcement with all time music.		
[z]	Provision of Single Phase/ phase failure sensing for ARD along with auto correction of phase reversal.		
16	**Landing entrance**		
[a]	Location of landing entrance in different floors	**:**	All doors on the same side
[b]	Number	**:**	B, G, 1, 2, 3, 4, 5, 6.
[c]	Size	**:**	Not less than 1500 mm x 2000 mm [h]
[d]	Type of doors	**:**	Horizontal sliding center opening / telescopic
[e]	Lift in use / lift out of order sign	**:**	A suitable box above the lift landing with LED illuminated [in English & Hindi] sign of "LIFT OUT OF ORDER" coming up simultaneously at all floors
17	Electric supply	**:**	[a] Power: 415 V, a.c., 3 phase, 50 Hz, 4 wire system
			[b] Lighting: 230 V, 50 Hz, a.c.
18	Is neutral wire available for control circuits	**:**	Yes
19	Proposed date for commencement on site	**:**	As per contract
20	Proposed date for completion	**:**	As per contract
21	Environmental condition at site of installation	**:**	Summer condition
			Winter condition
			Monsoon condition
			Height above sea level
22	Traction System	**:**	**Rope-in- belt driven technology**
23	Fire Rating	**:**	**2 Hour fire rating landing doors (certification required)**
24	Car Flooring	**:**	**Natural granite flooring**
25	Door sensor	**:**	**Light curtain protection on door**
26	Car and landing operation panel	**:**	Tactile push button along with additional Braille inscriptions.
27	Ventilation	**:**	**Noiseless centrifugal type fans (blowers) of appropriate throw of CFM inside the car**
28	Mirror	**:**	**Full length mirror on rear side**
29	Confirming to Quality Standard IS/ISO-9001:2015		IS/ISO-9001:2015

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Location:- Taxila Apartment

1	Type of Lift	**:**	PASSENGER
2	Number of lifts required [Location wise]	**:**	01 (One)
3	Load: Number of persons	**:**	544 kg : 08 Passenger per each lift
4	Rated speed	**:**	1.5 MPS
5	Travel in meters	**:**	20 m (approx.)
6	Number of floors served	**:**	G + 5 Floors
7	[a] Inside size of lift well	**:**	Available well size is about 1730 mm x 1900 mm
	[b] Pit depth	**:**	1600 mm
8	Clear inside size of lift car	**:**	About 1100 mm x 1300 mm
9	Dimension of lift machine room	**:**	**Machine room as per construction**
10	Position of counter weight	**:**	At the back side of the car
11	Position of machine room	**:**	At the top of the lift shaft
12 [a]	Type of control	**:**	Microprocessor based AC variable voltage variable frequency & Gearless
[b]	Type of operation	**:**	Simplex selective-collective operation with / without attendant
[c]	Potential free contacts	**:**	Potential free contacts for each floor position and up and down movement of the lift shall be provided in the controller which can be used for the building automation system at later date
13	Car entrance door		Toughened glass transparent type
[a]	Number	**:**	One
[b]	Size	**:**	Not less than 800 mm x 2000 mm [Height]
[c]	Type of doors	**:**	Horizontal sliding – centre opening telescopic
[d]	Car open in front only or open	**:**	In front only
14	Construction design and finish of car body work	**:**	Stainless steel [Linen finish]
15	**Type of signal system**		
[a]	Digital floor position indicator in the car and at all landings [to be provided above the car / landing doors]		
[b]	Travel direction indicator in the car and at all landings [to be provided above the car / landing doors]		
[c]	Gongs and visual indication on all landings for pre arrival of the car for two or more cars		
[d]	Overload warning Audio & Visual indicator, inside the car [lift should not start on overload]		
[e]	Battery operated alarm bell and emergency light		
[f]	Car operating panel with fade proof luminous buttons in car and with intercom		
[g]	Luminous hall buttons at all landings		

C … Nil I ….. Nil O …… Nil

JE[E] AEE / AE EE[ED-I]

[h]	Fireman's switch at ground floor
[i]	Hall position indicators and buttons shall be Segment LED Indicators, Tactile button along with additional Braille inscriptions.
[j]	Fire Emergency Return: Upon activation of a key switch or a building's fire alarm, all calls are canceled, all cars immediately return to a specified evacuation floor and the doors open to facilitate the safe evacuation of passengers. Emergency Car Lighting: Car lighting which turns on immediately when power fails, providing a minimum level of lighting within the car.
[k]	Emergency Landing Device (Automatic rescue Device) **with audio announcer:** Upon power failure, a car equipped with this function automatically moves and stops at the nearest floor using a rechargeable battery, and the doors open to facilitate the safe evacuation of passengers with audio announcer. Dry type Battery (Maintenance Free) should be used for power backup.
[l]	Automatic speed control: Door load on each floor, which can depend on the type of hall doors, is monitored to adjust the door speed, thereby making the door speed consistent throughout all floors.
[m]	Door load detector: When excessive door load has been detected while opening or closing, the doors Door Load Detector immediately reverse.
[n]	Door Nudging Feature — With Buzzer: A buzzer sounds and the doors slowly close when they have remained open for longer than the preset period.
[o]	Multi-beam Door Sensor: Multiple infrared-light beams cover at least 2/3 of the door height of the doors to detect passengers or objects as the doors close.
[p]	Car Fan Shut Off — Automatic, If there are no calls for a specified period, the car ventilation fan will automatically turn off to conserve energy.
[q]	Car Light Shut Off — Automatic, If there are no calls for a specified period, the car lighting will automatically turn off to Conserve energy.
[r]	False Call Canceling— Automatic, If the number of registered car calls does not Correspond to the car load, all calls are canceled to avoid unnecessary stops.
[s]	False Call Canceling— Car Button Type Automatic, If a wrong car button is pressed, it can be canceled by quickly pressing the same button again twice.
[t]	Overload Holding Stop A buzzer sounds to alert the passengers that the car is overloaded. The doors remain open and the car will not leave that floor until enough passengers exit the car.
[u]	Safe Landing Service- If a car has stopped between floors due to some equipment malfunction, the controller checks the cause, and if it is considered safe to move the car, the car will move to the nearest floor at a low speed and the doors will open.
[v]	LCD / LED Position Indicator 5-7-inch LCD / LED for car operating panels shows the date and time, car position, travel direction and elevator status messages.
[w]	Hall LCD / LED Position Indicator Display 5-7-inch LCD / LED for elevator halls shows the date and time, car position, travel direction and elevator status messages.

C … Nil I ….. Nil O …… Nil

JE[E] AEE / AE EE[ED-I]

[x]	Provision of CCTV and Intercom including wiring.		
[y]	Provision of Floor announcement with all time music.		
[z]	Provision of Single Phase/ phase failure sensing for ARD along with auto correction of phase reversal.		
16	**Landing entrance**		
[a]	Location of landing entrance in different floors	**:**	All doors on the same side
[b]	Number	**:**	G, 1, 2, 3, 4, 5
[c]	Size	**:**	Not less than 1500 mm x 2000 mm [h]
[d]	Type of doors	**:**	Horizontal sliding center opening / telescopic
[e]	Lift in use / lift out of order sign	**:**	A suitable box above the lift landing with LED illuminated [in English & Hindi] sign of "LIFT OUT OF ORDER" coming up simultaneously at all floors
17	Electric supply	**:**	[a] Power: 415 V, a.c., 3 phase, 50 Hz, 4 wire system
			[b] Lighting: 230 V, 50 Hz, a.c.
18	Is neutral wire available for control circuits	**:**	Yes
19	Proposed date for commencement on site	**:**	As per contract
20	Proposed date for completion	**:**	As per contract
21	Environmental condition at site of installation	**:**	Summer condition
			Winter condition
			Monsoon condition
			Height above sea level
22	Traction System	**:**	**Rope-in- belt driven technology**
23	Fire Rating	**:**	**2 Hour fire rating landing doors (certification required)**
24	Car Flooring	**:**	**Natural granite flooring**
25	Door sensor	**:**	**Light curtain protection on door**
26	Car and landing operation panel	**:**	Tactile push button along with additional Braille inscriptions.
27	Ventilation	**:**	**Noiseless centrifugal type fans (blowers) of appropriate throw of CFM inside the car**
28	Mirror	**:**	**Full length mirror on rear side**
29	Confirming to Quality Standard IS/ISO-9001:2015		IS/ISO-9001:2015

C … Nil I ….. Nil O …… Nil

JE[E] AEE / AE EE[ED-I]

Location:- Synergy Building

1	Type of Lift	**:**	PASSENGER
2	Number of lifts required [Location wise]	**:**	01 (One)
3	Load: Number of persons	**:**	544 kg : 08 Passenger per each lift
4	Rated speed	**:**	1.5 MPS
5	Travel in meters	**:**	14 m (approx.)
6	Number of floors served	**:**	G + 3 Floors
7	[a] Inside size of lift well	**:**	Available well size is about 1650 mm x 2000 mm
	[b] Pit depth	**:**	1600 mm
8	Clear inside size of lift car	**:**	About 1100 mm x 1300 mm
9	Dimension of lift machine room	**:**	**Machine room as per construction**
10	Position of counter weight	**:**	At the back side of the car
11	Position of machine room	**:**	At the top of the lift shaft
12 [a]	Type of control	**:**	Microprocessor based AC variable voltage variable frequency & Gearless
[b]	Type of operation	**:**	Simplex selective-collective operation with / without attendant
[c]	Potential free contacts	**:**	Potential free contacts for each floor position and up and down movement of the lift shall be provided in the controller which can be used for the building automation system at later date
13	Car entrance door		Toughened glass transparent type
[a]	Number	**:**	One
[b]	Size	**:**	Not less than 800 mm x 2000 mm [Height]
[c]	Type of doors	**:**	Horizontal sliding – centre opening telescopic
[d]	Car open in front only or open	**:**	In front only
14	Construction design and finish of car body work	**:**	Stainless steel [Linen finish]
15	**Type of signal system**		
[a]	Digital floor position indicator in the car and at all landings [to be provided above the car / landing doors]		
[b]	Travel direction indicator in the car and at all landings [to be provided above the car / landing doors]		
[c]	Gongs and visual indication on all landings for pre arrival of the car for two or more cars		
[d]	Overload warning Audio & Visual indicator, inside the car [lift should not start on overload]		
[e]	Battery operated alarm bell and emergency light		
[f]	Car operating panel with fade proof luminous buttons in car and with intercom		
[g]	Luminous hall buttons at all landings		

C … Nil I ….. Nil O …… Nil

JE[E] AEE / AE EE[ED-I]

[h]	Fireman's switch at ground floor
[i]	Hall position indicators and buttons shall be Segment LED Indicators, Tactile button along with additional Braille inscriptions.
[j]	Fire Emergency Return: Upon activation of a key switch or a building's fire alarm, all calls are canceled, all cars immediately return to a specified evacuation floor and the doors open to facilitate the safe evacuation of passengers. Emergency Car Lighting: Car lighting which turns on immediately when power fails, providing a minimum level of lighting within the car.
[k]	Emergency Landing Device (Automatic rescue Device) **with audio announcer:** Upon power failure, a car equipped with this function automatically moves and stops at the nearest floor using a rechargeable battery, and the doors open to facilitate the safe evacuation of passengers with audio announcer. Dry type Battery (Maintenance Free) should be used for power backup.
[l]	Automatic speed control: Door load on each floor, which can depend on the type of hall doors, is monitored to adjust the door speed, thereby making the door speed consistent throughout all floors.
[m]	Door load detector: When excessive door load has been detected while opening or closing, the doors Door Load Detector immediately reverse.
[n]	Door Nudging Feature — With Buzzer: A buzzer sounds and the doors slowly close when they have remained open for longer than the preset period.
[o]	Multi-beam Door Sensor: Multiple infrared-light beams cover at least 2/3 of the door height of the doors to detect passengers or objects as the doors close.
[p]	Car Fan Shut Off — Automatic, If there are no calls for a specified period, the car ventilation fan will automatically turn off to conserve energy.
[q]	Car Light Shut Off — Automatic, If there are no calls for a specified period, the car lighting will automatically turn off to Conserve energy.
[r]	False Call Canceling— Automatic, If the number of registered car calls does not Correspond to the car load, all calls are canceled to avoid unnecessary stops.
[s]	False Call Canceling— Car Button Type Automatic, If a wrong car button is pressed, it can be canceled by quickly pressing the same button again twice.
[t]	Overload Holding Stop A buzzer sounds to alert the passengers that the car is overloaded. The doors remain open and the car will not leave that floor until enough passengers exit the car.
[u]	Safe Landing Service- If a car has stopped between floors due to some equipment malfunction, the controller checks the cause, and if it is considered safe to move the car, the car will move to the nearest floor at a low speed and the doors will open.
[v]	LCD / LED Position Indicator 5-7-inch LCD / LED for car operating panels shows the date and time, car position, travel direction and elevator status messages.
[w]	Hall LCD / LED Position Indicator Display 5-7-inch LCD / LED for elevator halls shows the date and time, car position, travel direction and elevator status messages.

C … Nil I ….. Nil O …… Nil

JE[E] AEE / AE EE[ED-I]

[x]	Provision of CCTV and Intercom including wiring.		
[y]	Provision of Floor announcement with all time music.		
[z]	Provision of Single Phase/ phase failure sensing for ARD along with auto correction of phase reversal.		
16	**Landing entrance**		
[a]	Location of landing entrance in different floors	**:**	All doors on the same side
[b]	Number	**:**	G, 1, 2, 3.
[c]	Size	**:**	Not less than 1500 mm x 2000 mm [h]
[d]	Type of doors	**:**	Horizontal sliding center opening / telescopic
[e]	Lift in use / lift out of order sign	**:**	A suitable box above the lift landing with LED illuminated [in English & Hindi] sign of "LIFT OUT OF ORDER" coming up simultaneously at all floors
17	Electric supply	**:**	[a] Power: 415 V, a.c., 3 phase, 50 Hz, 4 wire system
			[b] Lighting: 230 V, 50 Hz, a.c.
18	Is neutral wire available for control circuits	**:**	Yes
19	Proposed date for commencement on site	**:**	As per contract
20	Proposed date for completion	**:**	As per contract
21	Environmental condition at site of installation	**:**	Summer condition
			Winter condition
			Monsoon condition
			Height above sea level
22	Traction System	**:**	**Rope-in- belt driven technology**
23	Fire Rating	**:**	**2 Hour fire rating landing doors (certification required)**
24	Car Flooring	**:**	**Natural granite flooring**
25	Door sensor	**:**	**Light curtain protection on door**
26	Car and landing operation panel	**:**	Tactile push button along with additional Braille inscriptions.
27	Ventilation	**:**	**Noiseless centrifugal type fans (blowers) of appropriate throw of CFM inside the car**
28	Mirror	**:**	**Full length mirror on rear side**
29	Confirming to Quality Standard IS/ISO-9001:2015		IS/ISO-9001:2015

C … Nil I ….. Nil O …… Nil

JE[E] AEE / AE EE[ED-I]

SPECIAL CONDITION FOR MAIN COMPOSITE CONTRACTOR FOR EXECUTION OF LIFT.

1.1. The responsibility of execution of work of Lift shall lie with Main composite Contractor only. He is required to furnish the documents/certificates in support of his experience to execute the mentioned E&M works given in Table-1 below after award of work. **The main agency must associate OEM of Lift to execute the mentioned E&M component/components of the work having requisiteexperience as per table-1.** In this connection, it is mentioned that the composite contractor and the **OEM of Lift** shall give required affidavit to confirm their association to the Engineer-in-charge. Tender accepting authority may approve change of sub-agency in case it is required during the currency of the contract.
The composite category contractor does not eligible directly to procure the equipment of approved make from manufacturer and get it installed from authorized agency/service provider of the manufacturer or specialized agency as per criteria mentioned in NIT, they must associate Specialized Agency/Agencies to undertake the specialized component/components of the work having requisite experience for individual works as mentioned below:

Sl. No.	Sub head of work	**Eligibility criteria** –The agency should have successfully completed, works as mentioned during last seven years ending previous day of last date of submission of Bid**.**			Definition of similar work
		Three similar works each of value not less than(Rs.)	Two similar works each of value not less than(Rs.)	One similar work each of value Not less than(Rs.)	
1	**Lift**	**42.44 Lakhs**	**63.65 Lakhs**	**84.87 Lakhs**	Supply, installation, Testing and commissioning of Lift works.
Note: - All amounts rounded off to a convenient figure. The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum; calculated from the date of completion to the last date of submission of Bid**.**					

1.2. Certificate of compliance of lift manufacturer to BIS standards duly certified by the manufacturer itself in notarized affidavit as per **Annexure-X1** in non-judicial stamp paper worth Rs. 200/-.

1.3. Undertaking from lift manufacturer regarding availability of spares for the entire life of lifti.e., for 20 years as per **Annexure-X2** as notarized affidavit in non-judicial stamp paper worth Rs. 200/-.

1.4. Certificate of compliance of the complete lift installation including its components, safety devices, various type of controls, etc. testing, inspection, operation and maintenance conform

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to relevant codes, standards, code of practices, guidelines, safety rules, Inspection manual(s), rules issued by Bureau of Indian Standards, as amended upto date in notarized affidavit in stamp paper worth Rs. 200/-

1.5. Certificate of quality standards conforming to IS/ISO- 9001: 2015.

1.6. The downtime of installed lifts , which are being maintained by the manufacturer, shall not be more than 8 hours (average) in case of minor faults and 7 days (average) in case of major faults in last one financial year self-certified in notarized affidavit in non-judicial stamp paper worth Rs. 200/-.

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ANNEXURE – X1

UNDERTAKING FROM LIFT MANUFACTURER

(SELF CERTIFICATION IN CONFORMITY TO RELEVANT CODES AND STANDARDS ISSUED BY BIS)

We, M/s..... (with name of OEM for lift and complete address) hereby certify that the entire lift installation including components, safety devices, various types of controls etc., testing, inspection, operation & maintenance shall conform to relevant Codes, Standards, code of practices, guidelines, safety rules, inspection manual(s), rules issued by Bureau of Indian Standards, as amended up to the last date of receipt of tender as per the following list of BIS Standards.

1. IS 14665 (Part-1): 2000
2. IS 14665 (Part-2 / Section 1 & 2): 2000
3. IS 14665 (Part-3 / Section 1 & 2): 2000
4. IS 14665 (Part-4 / Section 1 to 9): 2001
5. IS 14665 (Part-5): 1999
6. IS 15785: 2007
7. IS: 15330: 2003

In addition to the above BIS Standards the entire lift installation and its individual components shall comply to all other relevant codes / Standards as applicable.

For M/S……

…….

(Authorized signatory of lift manufacturer)

Note: To be furnished on a 'Non-Judicial' stamp paper worth Rs. 200/-.

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ANNEXURE – X2

UNDERTAKING FROM LIFT MANUFACTURER

(To be submitted prior to the supply of lift)

We stand guarantee for availability of spares for the entire life of the lift for a periodof minimum ….....years after completion of the installation or handing over of the lift whichever is later.

(Note: period shall be up to 20 years)

For M/S ..... …….,

…….

(Authorized signatory of lift manufacturer)

Note: To be furnished on a 'Non-Judicial' stamp paper worth Rs. 200/-

TECHNICAL PARTICULARS — Annexure - H

[To be filled & submitted by the bidder along with bid duly typed for each lift.]

Sl. No.		Particulars of details		
A		**General**		
	1	Name of manufacturer	**:**	
	2	Country of manufacture	**:**	
	3	Capacities [persons / weight]	**:**	
	4	Service	**:**	
	5	Speed of travel	**:**	
	6	Height of travel	**:**	
	7	No. of floors served	**:**	
	8	No. of openings	**:**	
	9	Position of counterweight	**:**	
	10	Type of levelling method	**:**	
B		**Machine**		**MR/ MRL**
	1	Position of machine & Control panel	**:**	
	2	Motor	**:**	
	3	Electric supply particulars for which it is suitable for operation	**:**	
C		**Brake**		
	1	Type	**:**	
D		**Car and Doors**		
	1	Outside dimensions of car	**:**	
	2	Inside clear dimensions	**:**	
	3	Construction of car	**:**	
	4	Design / type of enclosure of car	**:**	
	5	Details of flooring	**:**	
	6	Attachment and fitting inside the car	**:**	
	7	Car doors		
	[a]	Size	**:**	
	[b]	Operation	**:**	
	[c]	Construction, Design & finish	**:**	
	8	**Landing Doors**		
	[a]	Size	**:**	
	[b]	Operation	**:**	
	[c]	Construction, design & finish	**:**	
E		**Safety Devices**		
	1	Car safety type	**:**	
	2	Counterweight safety type	**:**	
	3	Door inter locks in car-type	**:**	
	4	Door locks in landing-type	**:**	
F		**Traction system (**whether rope in belt driven technology or not)	**:**	
		Landing door Fire rating in hours	**:**	

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	Car flooring	**:**	
	Whether light curtain door sensor provided or not	**:**	
	Whether Car and landing operation panel touch sensitive, stylish or not (please attach brochure)	**:**	
	Whether flooring of car natural granite	**:**	
	Whether centrifugal type noise less fan provided in the car for ventilation or not	**:**	
	Whether Communication and additional features as per Additional Specification (29) complied	**:**	

Signature with seal of bidder

C … Nil I ….. Nil O …… Nil

JE[E] AEE / AE EE[ED-I]

INSTRUCTION TO BE DISPLAYED IN HINDI / ENGLISH IN THE LIFT CARS AND LIFT LANDINGS

Passenger Lift for Non-residential Buildings

Sr. No.	Inside the car			Sr. No.	Outside the car		
1	Lift number	**:**		**1**	Lift number	**:**	
2	Capacity [kg]	**:**		**2**	Capacity [kg]	**:**	
3	No smoking	**:**		**3**	Smoking not permitted inside the car	**:**	
4	Operate push buttons / switches	**:**		**4**	Passenger travel at their own risk	**:**	
5	Do not lean against the lift door	**:**		**5**	Watch before you step into and out of the lift car	**:**	
6	Watch before stepping out	**:**		**6**	Do not force open the landing door	**:**	
7	Do not panic in the event of breakdown. Press alarm buttons and follow instructions of authorised staff	**:**		**7**	Avoid use of lift during fire	**:**	
				8	Please stand in 'Q'	**:**	
				9	Please keep the lift neat and clean	**:**	
				10	Heavy articles / luggage not allowed	**:**	
				8	Complaints if any may be sent to	**:**	
				9	Hours of operation	**:**	

C … Nil I ….. Nil O …… Nil

JE[E] AEE / AE EE[ED-I]

ANNEXURE - 1

<< Organization Letter Head >>

DECLARATION

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

1	Name & Address of the bidder	**:**	
2	Phone	**:**	
3	E-mail	**:**	
4	Contact person name	**:**	
5	Mobile number	**:**	
6	GSTIN number	**:**	
7	PAN number	**:**	
8	UTR no. [if deposited online] for EMD	**:**	
9	DD / FDR / Banker's Cheque No. [if uploaded scanned copy] for EMD	**:**	
	BANK DETAILS of Bidder		
10	Bank name	**:**	
11	Branch address	**:**	
12	Branch telephone no.	**:**	
13	MICR Code of the bank	**:**	
14	IFSC code	**:**	
15	Bank Account no.	**:**	
16	Type of account	**:**	

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

(Signature& name of the bidder)
Seal of the bidder

C … Nil I ….. Nil O …… Nil

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BID SUBMISSION CHECK LIST

ONLINE BID SUBMISSION:

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

Envelope – 1 (Following documents to be provided as single PDF file)			
Sl. No.	**Documents**	**Content**	**File Types**
1	**Technical Bid** (Refer List of Mandatory Documents to be scanned and uploaded within the period of bid submission as given in the section INFORMATION & INSTRUCTION TO BIDDERS FOR E-TENDERING after Clause 24)	Annexure – I duly filled in and duly mentioning UTR No. for EMD deposition or Banker's Cheque or Demand Draft or FDR number with date of issue and got signed	.PDF
2		Proof of EMD deposit / Scanned copy of DD submission (favouring 'Registrar, IIT Delhi').	.PDF
3		Certificate of work experience as desired	.PDF
4		Certificate of GST Registration & undertaking	.PDF
5		Affidavit as per provision of the clause 1.1.2 of IITD-6	.PDF
6		Acceptance to execute INTEGRITY PACT	.PDF
7		IITD 7 / 8 duly signed	.PDF
8		EPFO & ESIC Registration proof	.PDF
9		Valid Electrical Licence	.PDF
10		Technical Compliance sheet (Annexure – H) duly filled in and signed with Annexure X1 & X2.	.PDF
11		Certificate **(that the OEM is complying with BIS standards)** duly certified by designated labs / certifying agencies	.PDF
12		Certificate in this regard that the OEM is PPP MII Order-2017 (as amended) compliant	.PDF
13		An undertaking on OEM letter head regarding availability of spares for the entire life of the lift	.PDF
14		Quality Standards certificates of OEM conforming to IS/ISO-9001:2015 (as amended)	.PDF

C … Nil I ….. Nil O …… Nil

JE[E] AEE / AE EE[ED-I]

15		Certificate on OEM letter head that *the complete Lift installation including its components, safety device, various types of controls etc., testing, inspection, operation & maintenance shall conform to relevant Codes / Standard /Code of practices / Guidelines / Safety Rules / Inspection Manual (s) / Rule issued by Bureau of Indian Standards, as amended upto date*	.PDF
16		***"The Down Time of installed lifts (mentioning details of capacity of lifts, date of commissioning, etc.), which are being maintained by the manufacturer, shall not be more than 8 hours (average) in case of minor faults and 7 days (average) in case of major faults in last one year. The data to be considered shall be for last financial year."*** – A certificate in this regard from the present client of OEM shall have to be enclosed with Technical bid.	.PDF
17		Any other documents like product brochure, etc. as specified in the NIT	.PDF
Envelope – 2			
Sl. No.	TYPES	Content	
1.	**Financial Bid**	Price bid should be submitted in BOQ format.	.EXL

C … Nil I ….. Nil O …… Nil

JE[E] AEE / AE EE[ED-I]

SCHEDULE OF QUANTITY

Name of work: Replacement of 5 x 8 Passenger Lifts at different places in IIT Delhi.

S. No.	Description of work	Qty		Rate	Unit	Amount
	Sub Head - I					
1	Supplying, installation, testing and commissioning of 8 passenger [544 kg] lifts having contract speed of 1.5 MPS [referring para 8 of specification for selection of speed] serving different floors in the existing lift shaft as per detailed specifications enclosed in annexure 1 and as under:					
1.1	Location of lifts: Multi-Storey Building, IIT Delhi					
	[i] Speed : 1.5 MPS					
	[ii] Floors: 7					
	[iii] Travel: G + 6					
	[iv] Stops & opening: 7 nos.					
	[v] Controller: AC variable voltage & variable frequency					
	[vi] Automatic rescue device complete with dry maintenance free batteries as required.					
	[vii] Operation: Microprocessor based single automatic push button duplex collective selective with / without attendant					
	[viii] Power: 415 volt, 3 phase, 50 Hz, 4 wire system					
	[ix] Type of doors:					
	[a] Car: Power operated, centre opening horizontal sliding stainless steel scratch proof [Linen finish]					
	[b] Landing doors: Glass (transparent) with Stainless Steel bordering with matching proper finish					
	[x] A hand rail not less than 600 mm long at 900 mm above floor level to be fixed adjacent to control panel in the lift car.					
	[xi] Voice announcement system in the car to announce the position of the elevator in the hoist way as the car passes or stops at a floor served by the elevator.	2	nos.		each	
1.2	Location of lifts: Vishwakarma Bhawan, IIT Delhi					

C … Nil I ….. Nil O …… Nil

JE[E] AEE / AE EE[ED-I]

	[i] Speed : 1.5 MPS					
	[ii] Floors: 7					
	[iii] Travel: B+G+6					
	[iv] Stops & opening: 8 nos.					
	[v] Controller: AC variable voltage & variable frequency					
	[vi] Automatic rescue device complete with dry maintenance free batteries as required.					
	[vii] Operation: Microprocessor based single automatic push button simplex collective selective with / without attendant					
	[viii] Power: 415 volt, 3 phase, 50 Hz, 4 wire system					
	[ix] Type of doors:					
	[a] Car: Power operated, centre opening horizontal sliding stainless steel scratch proof [Linen finish]					
	[b] Landing doors: Glass (transparent) with Stainless Steel bordering with matching proper finish					
	[x] A hand rail not less than 600 mm long at 900 mm above floor level to be fixed adjacent to control panel in the lift car.					
	[xi] Voice announcement system in the car to announce the position of the elevator in the hoistway as the car passes or stops at a floor served by the elevator.	1	nos.		each	
1.3	Location of lifts: Taxila Apartment, IIT Delhi					
	[i] Speed : 1.5 MPS					
	[ii] Floors: 6					
	[iii] Travel: G + 5					
	[iv] Stops & opening: 6 nos.					
	[v] Controller: AC variable voltage & variable frequency					
	[vi] Automatic rescue device complete with dry maintenance free batteries as required.					
	[vii] Operation: Microprocessor based single automatic push button simplex collective selective with / without attendant					
	[viii] Power: 415 volt, 3 phase, 50 Hz, 4 wire system					
	[ix] Type of doors:					
	[a] Car: Power operated, centre opening horizontal sliding stainless steel scratch proof [Linen finish]					

C … Nil I ….. Nil O …… Nil

JE[E] AEE / AE EE[ED-I]

	[b] Landing doors: Glass (transparent) with Stainless Steel bordering with matching proper finish					
	[x] A hand rail not less than 600 mm long at 900 mm above floor level to be fixed adjacent to control panel in the lift car.					
	[xi] Voice announcement system in the car to announce the position of the elevator in the hoistway as the car passes or stops at a floor served by the elevator.	1	nos.		each	
1.4	Location of lifts: Synergy building, IIT Delhi					
	[i] Speed : 1.5 MPS					
	[ii] Floors: 4					
	[iii] Travel: G + 3					
	[iv] Stops & opening: 4 nos.					
	[v] Controller: AC variable voltage & variable frequency					
	[vi] Automatic rescue device complete with dry maintenance free batteries as required.					
	[vii] Operation: Microprocessor based single automatic push button simplex collective selective with / without attendant					
	[viii] Power: 415 volt, 3 phase, 50 Hz, 4 wire system					
	[ix] Type of doors:					
	[a] Car: Power operated, centre opening horizontal sliding stainless steel scratch proof [Linen finish]					
	[b] Landing doors: Glass (transparent) with Stainless Steel bordering with matching proper finish					
	[x] A hand rail not less than 600 mm long at 900 mm above floor level to be fixed adjacent to control panel in the lift car.					
	[xi] Voice announcement system in the car to announce the position of the elevator in the hoistway as the car passes or stops at a floor served by the elevator.	1	Nos.		each	
2	Dismantling and removal of existing (G+5)/(G+6)/(B+G+6), 8 passenger lift from the shaft including removal of rail, car, counter weight, traction motor, control panel from lift machine room, other wires and accessories etc. complete as directed by the Engineer-in-charge.**[Locations:-**	4	Nos.		each	

C … Nil I ….. Nil O …… Nil

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	MSB, Vishwakarma Bhawan, Taxila Apartment]					
3	Dismantling and removal of existing (G+3), 8 passenger lift from the shaft including removal of rail, car, counter weight, traction motor, control panel from lift machine room, other wires and accessories etc. complete as directed by the Engineer-in-charge.**[Locations:- Synergy Building]**	1	nos.		each	
4	Necessary modification civil work for accommodating the new lift of (G+5)/(G+6)/(B+G+6), 8 passenger capacity and its accessories in the existing shaft, in landing doors, in machine room etc. as required.**[Locations:- MSB, Vishwakarma Bhawan, Taxila Apartment]**	4	Job		Job	
5	Necessary modification civil work for accommodating the new lift of (G+3), 8 passenger capacity and its accessories in the existing shaft, in landing doors, in machine room etc. as required.**[Locations:- Synergy Building]**	1	Job		Job	
	(-) **Less credit for dismantled lift alongwith its all accessories. (Reserve price is Rs.1,50,000/- for each lifts. Bidder can't quote below the reserve price set)**	5	Lot		Lot	
	Sub Head - II (AMC)					
1	Comprehensive maintenance of 02 nos. 08 Passenger (G+6) lifts which include routine, preventive and breakdown maintenance for period of five years including repair / replacement of worn out items with minimum downtime and warranty & guarantee of repaired / replaced items after completion of one year guarantee period.[Locations:- MSB Building]					
	1st Year (Free of cost, being Defect Liability Period)	1	Job		Job	
	2nd Year	1	Job		Job	
	3rd Year	1	Job		Job	
	4th Year	1	Job		Job	
	5th Year	1	Job		Job	

C … Nil I ….. Nil O …… Nil

JE[E] AEE / AE EE[ED-I]

	6th Year	1	Job		Job	
2	Comprehensive maintenance of 01 nos. 08 Passenger (B+G+6) lifts which include routine, preventive and breakdown maintenance for period of five years including repair / replacement of worn out items with minimum downtime and warranty & guarantee of repaired / replaced items after completion of one year guarantee period.[Locations:- Vishwakarma Bhawan]					
	1st Year (Free of cost, being Defect Liability Period)	1	Job		Job	
	2nd Year	1	Job		Job	
	3rd Year	1	Job		Job	
	4th Year	1	Job		Job	
	5th Year	1	Job		Job	
	6th Year	1	Job		Job	
3	Comprehensive maintenance of 01 nos. 08 Passenger (G+5) lifts which include routine, preventive and breakdown maintenance for period of five years including repair / replacement of worn out items with minimum downtime and warranty & guarantee of repaired / replaced items after completion of one year guarantee period.[Locations:- Taxila Apartment]					
	1st Year (Free of cost, being Defect Liability Period)	1	Job		Job	
	2nd Year	1	Job		Job	
	3rd Year	1	Job		Job	
	4th Year	1	Job		Job	
	5th Year	1	Job		Job	
	6th Year	1	Job		Job	
4	Comprehensive maintenance of 01 nos. 08 Passenger (G+3) lifts which include routine, preventive and breakdown maintenance for period of five years including repair / replacement of worn out items with minimum downtime and warranty & guarantee of repaired / replaced items after completion of one year guarantee period.[Locations:- Synergy Building]					
	1st Year (Free of cost, being Defect Liability Period)	1	Job		Job	

C … Nil I ….. Nil O …… Nil

JE[E] AEE / AE EE[ED-I]

	2nd Year	1	Job		Job	
	3rd Year	1	Job		Job	
	4th Year	1	Job		Job	
	5th Year	1	Job		Job	
	6th Year	1	Job		Job	
	TOTAL (Rs.)					******

JE[E] **AEE [E]** **EE [EED-I]**

C … Nil I ….. Nil O …… Nil

JE[E] AEE / AE EE[ED-I]