

DATE: 22-10-2026



LIFT WORK TENDER
Proposed Lift Works for Construction of
Girls Hostel Building and Ancillary Structures
for Prin. L. N. Welingkar Institute

for

M/s Shikshana Prasarak Mandali, Pune

At

Plot No 226(C. S. No. 202B/10), Sir Balachandra Road
Matunga (E)-400019, Mumbai, India.

MEP CONSULTANTS & PMC:	EMPLOYER:
<u>STRUCTWEL DESIGNERS & CONSULTANTS PVT. LTD.</u> Plot No. 15, Sector-24, Turbhe, Navi Mumbai-400705 Tel. : 68541010 (7Lines) e-mail: structwel@vsnl.net web: http://www.structwel.com	<u>SHIKSHANA PRASARAKA MANDALI.</u> Sharada Sabhagriha, S P College Campus Tilak Road, Pune 411030 - Maharashtra. e-mail: shikshanapmandali@spm.education web: spmmandali.org.in
ARCHITECT:	STRUCTURAL CONSULTANT:
ASSOCIATED ARCHITECTS "Shreedhar", 1170/31/4, Revenue Colony, Shivajinagar, Pune-411005 e-mail: architects@assoarch.com kailash@assoarch.com	Sunil Mutalik & Associates 1349/50, Arthshilp Complex, Shukrawar Peth, Bajirao Road, Pune, Maharashtra, 411002 e-mail: sunil.mutalik@gmail.com

Section – 1

TENDER NOTICE

Sealed tenders are invited from Contractors of repute for Proposed **Lift Works** for Construction of **Girls Hostel Building (B+G+20) and Ancillary Structures for Welingkar Institute** for **M/s. Shikshana Prasaraka Mandali** at Plot No 226 (C. S. No. 202B/10), Sir Balachandra Road, Matunga (E)-400019, Mumbai, India.

The completed sealed tender documents printed hard copies shall be submitted in the office below.

Kind Attn: **Mr. Mahesh Purandare**
Shikshana Prasaraka Mandali.
Sharada Sabhagriha,
S P College Campus
Tilak Road,
Pune 411030 - Maharashtra.

On or before 5:00 P.M. on 30 -10- 2026.

Section – 2

LETTER INVITING TENDER

Shikshan Prasarak Mandali.
Sharada Sabhagriha
S P College Campus
Tilak Road,
Pune 411030 - Maharashtra.

Date: 22 October 2026

M/s.

Dear Sir (s)

Sub: Proposed Lift Works for Construction of Girls Hostel Building (B+G+20) and Ancillary Structures for Welingkar Institute, for M/s. Shikshan Prasarak Mandali at Plot No 226 (C. S. No. 202B/10), Matunga (E)-400019, Mumbai, India.

We have pleasure in inviting you to quote for the above in line with: -

Sealed tenders in the prescribed tender form in two separate envelopes should be addressed to "Shikshana Prasarak Mandali". And submitted at the office below

Kind Attn: **Mr. Mahesh Purandare**
Shikshan Prasarak Mandali.
Sharada Sabhagriha,
S P College Campus
Tilak Road,
Pune 411030 - Maharashtra.

Envelope - 1 - Technical Bid (Original along with soft copy Pen drive 3.2 version).
Envelope – 2 - Price Bid (Original along with soft copy Pen drive 3.2 version)

A Post-bid negotiation meeting can be arranged as per requirement at the office of Structwel designers & consultants Pvt. Ltd. Details of the same will be informed to you.

Late Tenders are liable to be rejected.

- a. **Name of work** : Proposed Lift Works for Construction of Girls Hostel Building (B+G+20) and Ancillary Structures **for Welingkar Institute, for M/s. Shikshan Prasarak Mandali at Plot No 226 (C. S. No. 202B/10), Matunga (E)- 400019, Mumbai, India.**
- b. **Earnest Money Deposit** : ₹ 5,00,000/- Payable by DD/ Pay Order in favour of the Owner valid for period of 60 days from the date of submission of tender.
- c. **Time of completion** : Schedule with milestones to be provided as part of technical bid, estimated time is **04 months** including monsoons from date of LOI
- d. **Prebid Meeting** : On 27-10-2026 @ 11.30 am
- e. **Time & date of submission** : On 30-10-2026 before 5:00 pm (I.S.T.)
- f. **Address** : Tenders duly filled and sealed shall be submitted at Shikshan Prasarak Mandali, Pune Office.

BIDDERS QUALIFICATION CRITERIA:

1. The tenderer must be a Lift contractor/ OEM having experience in multi-storeyed RCC residential or commercial buildings Experience of having successfully completed similar works during last 5 years, ending on 31st March 2026 of previous financial year to the one in which tenders are invited, should be either of the following:

***Similar Work:** Similar work shall mean 'Supply, Installation, Testing & Commissioning of the High-Rise Building (up to 25 floors) Lifts Works, all executed under one agreement / contract'.

Similar completed works referred above means each work.

1. Bidder should have completed at least 50 such jobs as mentioned above in last five financial Yrs.
2. The Bidder shall have an average annual turnover of minimum ₹ 20 Crores in any of the last five financial years.
3. The Bidder shall have completed minimum one job of ₹ 05 Crores in the last financial years.

Bidders should satisfy the qualifying criteria on their own merits and not as a sum total of their sub-agencies. Joint Ventures / Consortium / MOU shall not be entertained. Power of Attorney given to a person other than the bidder's own employee shall not be accepted.

Note: The bidders shall submit supporting documentary evidence in support of the qualification criteria viz. work order with detailed scope of work, work completion certificate copy as applicable issued by the party for whom the work is done. **M/s Shikshan Prasarak Mandali** has a right to verify / cross verification of authenticity of the said documents whenever felt necessary.

SUBMISSION OF BID:

- (A) The Tender shall be submitted in accordance with these instructions and any Tender not conforming thereto is liable to be rejected. These Instructions shall form part of the Tender and the Contract.
- (B) The Tender document which will be issued to each tenderer comprises of these instructions, Form of Tender with Appendix, Form of Agreement, Specifications and Bill of Quantities as detailed in the Specifications.
- (C) The Tender shall be filled in, signed with all particulars complete and submitted by a person who is, duly authorized to do so. The Tenderer shall satisfy the Employer that he is competent and authorized to submit the tender and/or to enter into a legally binding Contract with the Employer by furnishing legal documentary evidence in that behalf.
- (D) Manner of Submission
 - a. Tender document
 - b. Forwarding letter of Bidder
 - c. **Envelope - 1** -
Technical Bid (Original hard copy print along with soft copy CD).
 - d. **Envelope – 2 –**
Price Bid (Original hard copy print along with soft copy CD)
- (E) The Tender shall be completed with all the documents set out in para (B) and (C) above and other documents set out in these instructions and elsewhere in the Tender documents. In particular the Tenderer shall complete and submit the following with his tender to be considered as bonafide:
 - Form of Tender and Appendix
 - Bill of Quantities and its summary, each page duly signed; and other Schedules.
 - Time Schedule for completion including supply.
 - List of Plant/Equipment and personnel (with bio data) to be employed on the works - Important
 - Bidder's Company Profile and Copy of bidder's Shop & Establishment registration certificate.
 - Bio-data of key personnel & technical team who would be associated with the work with their designations, Qualification & Experience as applicable to determine bidder's capability.
 - Audit certified Balance sheet and Profit / Loss A/c for the last 5 years.
 - A Certified copy of PAN Card
 - A Certified copy of GSTIN.
 - Financial status and the Banker/s to whom reference may be made about it.

Submission of offer in Two-Bid System:

Offer must be submitted in Two parts, each offer securely closed (sealed) separately, in Two Envelopes Part – I Technical & Part – II commercial as stated below;

Part-I: Technical bid

This Envelope super scribing the Tender No, Due date & Time should contain the following and it should be submitted along with the tender:

- i) Earnest Money Deposit as per tender terms.
- ii) Technical Bid including tender document, drawings & technical specifications duly filled wherever required, signed & stamped in Original.
- iii) Qualifying documents (Stamped & Signed)
- iv) Self-attested (Stamped & Signed) copy of Tender Document.
- v) Plant capacity and the ongoing and upcoming project list with total tonnages of each project.
- vi) Acceptance on clauses of Tender Enquiry Form (TEF) in the Prescribed Formats duly stamped, signed & filled 'Accepted OR Not Accepted' as applicable for each of the clause - Annexure 'K'
- vii) Acceptance on clauses of Standard terms & Conditions in the Prescribed Format duly stamped, signed & filled 'Accepted OR Not Accepted' as applicable for each of the clause - Annexure 'L'
- viii) Bidder's Undertaking in the prescribed format duly filled, signed & stamped – Annexure 'M'
- ix) Deviation Sheet in case of any deviations from TEF, STACS, GT&C, Special Conditions of Contract and Technical Specifications.
- x) Bio-data of key personnel & technical team who would be associated with the work
- xi) Corrigendum, if any, duly signed & stamped

Part-II:

The **Proposed LIFT Works for Construction of Girls Hostel Building (B+G+20) and Ancillary Structures for Welingkar Institute, for M/s. Shikshan Prasarak Mandali at Plot No 226 (C. S. No. 202B/10), Matunga (E)-400019, Mumbai, India** is an item rate contract and contractor has to submit the final quote for the Building Solution. The payment would be made in Running Bill basis per month as per the progress of the actual work at site. The format of the quote is attached as Annexure – “P”. The quote shall be including all **duties, transportation, loading/unloading, Octroi, storage, royalties, handling, etc. All other Civil and Finishes Work or any required Structural Work would be in Item Rate. Further to that, contractor has to submit the Schedule of Item Rates in the prescribed format attached in Annexure – “S” duly signed and stamped.**

Priced envelopes contacting any new/fresh conditions (Not mentioned in the un-priced envelop) shall be liable to rejection. Clarifications if any are to be sought by the bidders before submission of bid.

These securely closed (sealed) Envelope super scribing Tender No., Due date & Time should contain only THE COST strictly in the prescribed format provided with the tender. Offer in any other format shall not be considered.

Both these securely closed Envelopes I.e. Part-I & Part-II should be put in a Third Bigger Envelope securely closed (Sealed), Super scribed with Tender No., Due date, time, and should be **Submitted at Shikshan Prasarak Mandali, Pune Office;**

The bids may also be sent by Speed Post / Courier Service well in advance so as to reach the undersigned well before the due date and time. Timely submission of the Bids is responsibility of the bidders and no reasons / excuses in this regard will be entertained by SHIKSHAN PRASARAK MANDALI.

A list of similar lift works executed by the tenderer and valued as written in tender notice with testimonials of satisfactory completion from respective Employers / builders / Consultants to be furnished.

The tenderer should study all the tender documents carefully and understand the tender contract conditions, drawings, and specifications etc. before quoting. If there are any doubts, they should get clarifications in writing, but this shall not be a justification for submission of late tender or extension of opening date. Tender should be strictly in accordance with project Consultants drawings, specifications and other tender documents and not stipulate any deviation. Submit Section- 6 duly signed & stamped as confirmation.

A common schedule of agreed variations if any comprising of conditions accepted by Employers during pre-bid meeting will be given to all tenderers. The tenderers shall return the same conveying their acceptance and indicating any rebate/increase in their price Bids, before the opening of price Bid. The schedule of agreed variations shall form part of the Contract.

The Tenderer must obtain for himself on his own responsibility and at his own expense, all the information which may be necessary for the purpose of filling this tender and for entering into a contract for execution of the same and must examine the drawings and visit the site and acquaint himself with the site conditions before quoting.

Shikshan Prasarak Mandali reserves the right to accept or reject any or all the tenders in whole or in part without assigning any reason for doing so.

In case if you are not interested in submitting tender for the above work, please state the same in a regret email with reason for the same

Please acknowledge receipt of this letter along with all the enclosures and confirm that you will submit the offer before the due date.

Thanking You,

Yours faithfully,

Mr. Mahesh Purandare
Shikshan Prasarak Mandali.
Sharada Sabhagriha,
S P College Campus
Tilak Road,
Pune 411030 - Maharashtra.

Section – 3

LETTER FOR SUBMISSION OF TENDER.

From:

To,

Mr. Mahesh Purandare
Shikshan Prasarak Mandali.
Sharada Sabhagriha,
S P College Campus
Tilak Road,
Pune 411030 - Maharashtra.

Sub: Proposed Lift Works for Construction of Girls Hostel Building (B+G+20) and Ancillary Structures for Welingkar Institute, for M/s. Shikshan Prasarak Mandali at Plot No 226 (C. S. No. 202B/10), Matunga (E)-400019, Mumbai, India.

Dear Sir,

1. Having visiting the site & examined the Tender document consisting notice Inviting Tender, General Conditions of contract, specifications, Drawings, Time Schedule, Schedule, Schedule of Rates and other documents and papers, all as detailed in the tender documents prepared by your Consultants **M/s. Structwel Designers & Consultants Pvt Ltd.** and having understood the provisions of the said tender documents and having thoroughly studied the requirements of “**Shikshan Prasarak Mandali, Pune**”, related to the work tendered in connection with the project and having conducted a thorough study of the job, Site(s) involved, the site conditions, soil condition, the climatic conditions of labour, power, water, material & equipment availability and suitability of borrow area, the availability of land for right of way and temporary office and all other factors and facilities and things whatever necessary to related to the formation of the tender and the performance of work, I/We hereby submit my/our tender for the performance of proposed work in accordance with the terms and conditions and within the time mentioned in the Tender Documents at the rate(s) quoted by me/us in the accompanying Schedule(s) of Rates included within the Tender Documents.
2. It has been explained to me / us that the time stipulated for job(s) and Completion of Works (s) in all respects and in different stages mentioned in the “Time Schedule of Completion of jobs” and signed and accepted by me / us is **ESSENCE OF THE CONTRACT**. I/We agree that in case of my/our failure of strictly observe the time completion of work in all respects according to the schedule set out in the said “Time Schedule of completion of job (s)”, I/We shall pay liquidated damages to the Employer as per provisions of tender documents.
3. I/We agree to pay the Earnest Money & Security Deposit / Performance Guarantee and accept the terms & conditions laid down in the memorandum below in this respect.

4. I / We have annexed the following documents to this tender.

- i) SECTION 5- MEMORANDUM
- ii) SECTION 6- NO DEVIATION CONFIRMATION
- iii) ANNEXURE A- APPENDIX TO CONDITIONS OF CONTRACT
- iv) ANNEXURE B- FORM OF AGREEMENT
- v) ANNEXURE C- PROFORMA FOR STRUCTURE & ORGANIZATION DETAILS
- vi) ANNEXURE D- PROFORMA FOR DETAILS OF TECHNICAL & ADMINISTRATIVE PERSONNEL OF THE COMPANY.
- vii) ANNEXURE E- PROFORMA FOR ENROLLMENT WITH VARIOUS ORGANISATIONS.
- viii) ANNEXURE F- LIST OF MAJOR WORKS COMPLETED DURING LAST FIVE YEARS.
- ix) ANNEXURE G- LIST OF MAJOR WORKS ON HAND
- x) ANNEXURE H- DETAILS OF PLANT AND EQUIPMENT WITH BIDDER
- xi) ANNEXURE I- OTHER RELEVANT INFORMATION
- xii) ANNEXURE J- SCHEDULE – “F”
- xiii) ANNEXURE K - TEF ACCEPTANCE
- xiv) ANNEXURE L - PAYMENT TERMS ACCEPTANCE
- xv) ANNEXURE M - UNDERTAKING
- xvi) ANNEXURE N - RTGS-NEFT BANK DETAILS
- xvii) ANNEXURE O - PAYMENT TERMS
- xviii) ANNEXURE P - PRICE BID
- xix) ANNEXURE S - CONFIRMATION ON SCHEDULE OF RATES
- xx) ANNEXURE U - LIST OF DISPUTES
- xxi) ANNEXURE V - SUBMISSION OF QUALITY ASSURANCE PLAN
- xxii) ANNEXURE W - CONFIRMATION ON HOUSEKEEPING
- xxiii) ANNEXURE X - MATERIAL PROCUREMENT PLAN

5. I/We hereby undertake that the statements made herein and the information given in the Annexure referred to above are true in all respects, and that in the event of any such statement or information being found to be incorrect will entitle the Employers to resend any resultant Contract.
6. I/We agree to complete the work within **04 months** or mutually accepted schedule from the date of award of the work.
7. I / We agree to pay the Government Tax (State and Central) works contract as required by you.
8. I / We, understand and agree that if I / We am/are awarded the work, on the Retention Money amount / any pending amounts including of running Accounts bills, price differential for agreed materials, final bill amount lying with the Employers from submission of this tender document till the finalization of bills and defects liability period, will not bear any interest under any circumstances and the Employers will not be liable to pay any amount towards interest, compensation, demurrage charges, finance charges, delayed payment charges etc. on such amounts.
9. I / We agree to pay the Government Sales Tax (State and Central), works contract tax, Turnover tax, octroi, duties and any other taxes applicable and prevailing from time to time on such items for which the same are leviable and the rates quoted by me / us are inclusive of the same.”

10. I/We, am/are submitting herewith my/our authority to sign the above tender document and the same shall be binding on my / our company for all the times during the pendency of contract. Dated this day of _____ 2024.

Yours faithfully,

SIGNATURE OF THE TENDERER

Name & Designation of Authorized

Person signing the tender on behalf
of the tenderer (s).

Encl: As Stated.

Section – 5

MEMORANDUM

- a) General description of work : **Proposed LIFT Works for Construction of Girls Hostel Building and Ancillary Structures for Welingkar Institute, for M/s. Shikshan Prasarak Mandali at Plot No 226 (C. S. No. 202B/10), Matunga (E)- 400019, Mumbai, India.**
- b) Earnest Money : **₹ 05, 00,000/- payable in** DD/ Pay Order in favour of the Owner valid for period of 60 days from the date of submission of tender.
- c) Performance Security : 1% of Contract Value in the form of a bank guarantee issued by a Nationalised bank in favour of the Owner shall be submitted at starting of the work & same shall be released along with the Final Bill.
- d) Retention Money : In addition to the performance security, 5% (Five percent) of value of the work done and approved by the Engineer-In-Charge at the time of approving the relevant R. A. Bill will be deducted in cash from each R.A. Bill. Retention Money will be released along with payment of after the Defects Liability Period of 12 months OR against issuance of a PBG issued by a Nationalized Bank (acceptable to the owner) of an amount equal to the Retention Money for the term of the Defects Liability Period.
- e) Time allowed to start the work : 7 days.
1. Should this tender be accepted, I / We hereby agree to abide by and fulfill all terms and conditions referred to above and in default thereof, to forfeit and pay to the OWNER or its successors or its authorized nominees such sums of money as we stipulated in Tender Documents.
2. I/We hereby pay the Earnest Money of Rs. _____ in Bank Demand Draft / Bank Guarantee No. _____ issued by _____ (Name and office of Indian Nationalized Bank) in favor of M/s. Shikshan Prasarak Mandali, Sharada Sabhagriha, S P College Campus, Tilak Road, Pune 411030 - Maharashtra.
3. If I/We fail to commence the work specified in the Memorandum above, or I / We fail to deposit the amount of Security Deposit specified in the Memorandum above, I / We agree that the said OWNER or its successors without prejudice to any other right or remedy be at liberty to forfeit the said Earnest Money shall be retained by OWNER towards the Security Deposit specified in (c) above. The said OWNER shall also be at liberty to cancel the Notice of Acceptance of Tender if I/We fail to deposit the Security Deposit as aforesaid or to execute an Agreement or to start SUPPLY as stipulated in the Tender Documents.

I/We enclose herewith evidence or my / our experience of execution of works of similar nature and magnitude carried out by me/us in the prescribed Proforma and also the Income-tax and Sales-tax Clearance Certificates.

Dated the _____ day of _____ 2024.

Witness:

Name in Block letters:
Address

Yours faithfully,

SIGNATURE OF THE TENDERER

Name & Designation of Authorized
Person signing the tender on behalf
of the tenderer (s).
Encl: As Stated.

Section – 6

Bidders are required to give their No Deviation confirmation and certificate in the prescribed format as below on their letter head.

NO DEVIATION CONFIRMATION

TENDER NUMBER:

Sub: Proposed Lift Works for Construction of Girls Hostel Building and Ancillary Structures for Welingkar Institute, for M/s. Shikshan Prasarak Mandali at Plot No 226 (C. S. No. 202B/10), Matunga (E)-400019, Mumbai, India.

We understand that any deviation / exception in any form may result in rejection of bid. We, therefore, certify that we have not taken any exceptions/deviations anywhere in the bid and we agree that if any deviation / exception is mentioned or noticed, our bid may be rejected.

(SEAL AND SIGNATURE OF BIDDER)

Lift Work

Scope:

Supplying erecting and commissioning Passenger Lift with technical requirements of lift installation, its components, safety devices various type of controls and methods of operation. The selection of a particular type of control and method of operation will be guided by the requirements in individual case such as nature of building, usage, occupancy, traffic pattern, etc. and has to be decided in individual case considering quality and quantity analysis of service.

Recommended Standards:

The following list is for Indian Standards which are acceptable as good practice and accepted standards;

IS 14665 part I	:	Guidelines for outline dimensions of passenger, goods, service and hospital lifts.
IS 14665 part II	:	Code of practice for installation, operation and maintenance of lifts.
IS 14665 part III	:	Safety rules
IS 14665 part IV	:	Components
IS 15785 2007	:	Code of practice for installation and maintenance of lifts without conventional machine rooms.

Development Control Rules: Of concerned Corporation or Local Authority

National Building Code 2016 /2026

The Maharashtra Lifts, Escalators and Moving Walks Act.2017.

Bombay Lift Rules 1958

I. E. Rules 1956 : Reprint as per 2005

WORK TO BE DONE BY THE CONTRACTOR:

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

a) Minor building works necessary for installation of equipment such as making of opening in walls/floors either of RCC or brick masonry etc. and restoring them to their original condition and finish. The scope of minor building work includes all grouting of foundation concrete pads to be formed or made as base for supporting R.S. Joists etc., grouting and anchoring of all boards, clamps, supports, foundation bolts, installation in position of R.S. Joists in the machine room, lift well or in pit. Such works shall cutting of marble work and construction of partition wall wherever involved.

- b) All electrical works except bringing the main connection and earth connection to the machine room terminated on switch fuse unit/board. All electrical works including inter connection from the switch/board and loop earthing from the earth bar to be provided in the machine room shall be done by the successful tenderer
- c) Responsibility to ensure safety of lift materials against pilferage and damage till the installation is handed over to the Department.
- d) All scaffolding as may be necessary in the lift well during erection work and subsequently removed.
- e) Temporary barricades with caution boards at each landing to prevent accident during execution work.
- f) Supply and installation of landing fascia plates made of steel, car apron plates, sill support angles with necessary clamps, foundation bolts, supports etc., as necessary in connection with the installation of the lift.
- g) Steel ladder to be provided for access to lift pit wherever required under regulations.
- h) Approval/ clearance of lift installation shall be obtained by the contractor from Lift inspector/ other licensing authorities, wherever required. However, application shall be made by Department and the fees, as applicable, shall be paid by the contractor directly to the Govt. authorities concerned, which shall be reimbursed

Additional Contract Condition.

- Bar chart shall be prepared as per tender conditions and requirement.
Lift hoist way measurement shall be done before finalizing the material quantity.
- Drawing should be prepared according to tender specification considering hoist way size and permission from Engineer In charge for erection of lift should be taken prior to commencement of erection.
- Whitewash in lift well shall be carried out by the contractor.
- All civil work pertaining to front wall architraves internal / external plastering etc. shall be done by the contractor
- Supply, Prepare and install scaffolding and template by adjustment required.
- List of components / finished items that are not manufactured by lift manufacturer shall be arranged by the contractor
- Brackets are to be erected and fixed into plum line.
- Put the fasteners (16 mm dia x 100 mm) if the brackets are to be. fixed on RCC wall / beam / lintel or fix rig bolts if brick work found in RCC or as specified by manufacturer.
- After fixing brackets and guides with adjustment fix the car and counterweight
- Fix the landing door frame / door bottom with sill and suitable brackets to withstand the load of passenger / freight as per specification
- Fix metal trunking / PVC pipe as per IS requirement
- Complete civil work such as fixing up hoist way, push button, buffers, machine room / beams for resting machine, foundation for control panel, all civil work, making holes in bottom slab of machine room to pass traction rope, speed governor rope / wiring and complete finishing according to sizes and specification.
- Electrical wiring in lift shaft and supply cable shall be carried out by contractor as per requirement of lift rules.

- Fix machine with complete gear box unit, suitable rubber pad / anti vibrating pad, diverter if required with alignment as per norms.
- Fix the control panel at accessible height from floor level to inspect, connect and operate easily.
- Put wires in accordance with the control panel connection diagram according to colour code in metal trunking with insulating paper on all bends, corners. Metal trunking shall be duly earthed from top to bottom according to IS specifications.
- Midway junction boxes are to be fixed according to size but it should be marked by every wire with nos. (Ferrules) Traveling cables should be fixed with suitable hanger to take load of travelling cable and put extra wire of 20 % approximately
- Fix the car and counterweight frame according to sizes, adjustment of safety block wedges shoes as per requirement.
- Counterweights for load testing of lifts.

Material:

Electric Supply:

Three phases, 50 c/s, 415 V electric supplies shall be made available by owner. The entire lift equipment's should be suitable for operation at +10% to - 20% of the rated supply voltage.

Gearless machine:

The gearless machine shall consist of a motor, traction sheave and break-drum or brake disc completely aligned on a single shaft. Gearless machine shall be AC. gearless with VVVF drive.

Geared machine;

The lift machine shall be of worm gear reduction type with motor, brake, worm gearing and driving sheave and suitable for type of control specified.

Electric motor:

Energy efficient Electric motor of suitable HP with class F insulation and S-4 duty cycle. Type test certificate from independent laboratory certifying operation of elevator motor in the range of 180 to 240 starts per hour.

Car:

As per IS 14665 part IV with MS Girders, bracings of adequate size and strength at the bottom and top with angle iron frame and side panels of CRCA/MS of 16 gauge duly powder coated paint or SS sheet of 18 gauge with mirror or hairline finish with safety factor more than 5.

Signals:

FPI in car and CPI at all landings are to be provided with up / down direction indicators with call registration facility.

Variable Voltage Variable Frequency:

Incoming mains AC power is first rectified to DC and then inverted to provide controlled AC current to the elevator drive. Precision monitoring is required for motor speed, car direction, position and load to enable the pulse width of the AC power supplied to the motor and to be adjusted to ensure that elevator speed is maintained very accurately to an ideal profile. Energy saving through reduced power consumption should be achieved.

Controls:

Microprocessor based Control panel duly wired with proper size and strength of copper wire.

Control panel box:

Control panel box of MS sheet of 16 gauge with duly power coated of MS sheet of 16 gauge.

Driving / traction pulley:

Sheaves and pulleys shall be of hard alloy, cast iron, SG iron or steel and free from cracks, sand holes and others defects. They shall have machined rope grooves. The traction sheave shall be grooved to produce proper traction and shall be of sufficient dimension to provide for wear in the groove. The deflector sheave shall be grooved so as to provide a smooth bed for the rope.

Over speed governor:

The car safety shall be operated by speed governor located overhead and driven by governor rope suitably connected to the car and mounted on its own pulleys. Governor shall be provided for lifts with a travel of more than 5.5 meters. The governor rope shall be not less than 6mm in dia and shall be made of steel or phosphor bronze. These shall be in accordance with IS 14665 (part 4/sec-4): 2001.

Electromagnetic breaks:

The lift drive machinery shall be provided with an electro-magnetic brake or motor operated brake normally applied by means of springs in compression when the operating device is in off position. The brake shall be suitably curved over the brake drum or brake disc and provided with fire proof friction lining. The operation of brake shall be smooth, gradual and noiseless. The brake shall be designed to be of sufficient size and strength to stop and hold the car at rest with rated load. The brake should be capable of operation automatically by the various safety devices.

Automatic Rescue Devices (ARD)

ARD should monitor the normal power supply in the main controller and shall activate rescue operation within 10 seconds of normal power supply failure. It should bring the elevator to the nearest floor at a slower speed than the normal run. While proceeding to the nearest floor the elevator will detect the zone and stop. After the elevator has stopped, it automatically opens the doors and parks with door open. After the operation is completed by the ARD the elevator is automatically switched over to normal operation as soon as normal power supply resumes.

In case the normal supply resumes during ARD in operation the elevator will continue to run in ARD mode until it reaches the nearest landing and the doors are fully opened. If normal power supply resumes when the elevator is at the landing, it will automatically be switched to normal power operation.

All the lift safeties shall remain active during the ARD mode of operation.

The battery capacity should be adequate so as to operate the ARD for duration of at least 30 minutes.

Suspension wire rope:

Round strand steel wires ropes made from steel wire ropes having a tensile strength not less than 12.5 tones / cm² and of good flexibility shall be used for lift. Lubrications between the strands shall be achieved by providing impregnated hemp core.

Guide rails:

The guide rails shall be continuous throughout the entire travel and shall withstand without any deformation by the action of safety gear with a fully loaded car. Generally the guide rails shall be supported by brackets secured to the hoist way frame at each floor. The rails shall be securely fastened to the brackets or other supports by approved heavy rail clamps. Guide rails shall extend from pit floor to the underside of concrete slabs or grafting at top of the lift well. They shall be erected in plumb and parallel with a maximum deviation of 3mm.

Buffers:

Buffers shall be suitable for installation in the space available. Buffer anchorage at pit floors shall be installed avoiding puncturing of water proofing. Oil buffers of the car and counter weight shall be of the spring return type or of gravity type. The contractor must indicate the name of buffer manufacturers, buffer stroke & certified maximum loads.

Landing Doors:

Lift landing doors should have fire rating certificate of for 1 hour fire rating by CBRI, Roorki, Govt. of India Laboratory.

Method of Construction:

- Bar chart shall be prepared as per tender condition and requirement.
- Lift hoist way measurement shall be done before finalizing the material quantity.
- Drawing should be prepared according to tender specification considering hoist way size and permission from Lift Inspector for erection of lift should be taken prior to commencement of erection.
- Whitewash in lift well shall be carried out by the client.
- Site in full readiness shall be handed over to the agency.
- Minor civil work pertaining to front wall architraves internal / external plastering etc. shall be done by the lift agency.
- Prepare and install scaffolding and template by adjustment required.
- List of components / finished items those are not manufactured by lift manufacturer shall be informed by the agency.
- Brackets are to be erected and fixed in to plum line.
- Put the fasteners (16 mm dia x 100 mm) if the brackets are to be fixed on RCC wall / beam / lintel or fix rig bolts if brick work found in RCC.
- After fixing brackets and guides with adjustment fix the car and counterweight
- Fix the landing door frame / door bottom with sill and suitable brackets to with stand the load of passenger / freight as per specification
- Fix metal trunking / PVC pipe as per IS requirement
- Complete civil work such as fixing up hoist way, push button, buffers, machine room I beams for resting machine, foundation for control panel, minor civil work, making holes in bottom slab of machine room to pass traction rope, speed governor rope / wiring and complete finishing according to sizes and specification.
- Electrical wiring in lift shaft and supply cable shall be carried out from electrical agency as per requirement of lift rules.
- Fix machine with complete gear box unit, suitable rubber pad / anti vibrating pad, diverter if required with alignment as per norms.
- Fix the control panel at accessible height from floor level to inspect, connect, and operate easily.
- Put wires in accordance with the control panel connection diagram according to colour code in metal trunking with insulating paper on all bends, corners. Metal trunking shall be duly earthed from top to bottom according to IS specifications.
- Mid way junction boxes are to be fixed according to size but it should be marked by every wire with nos. (Ferrules) Traveling cables should be fixed with suitable hanger to take load of travelling cable and put extra wire of 20 % approximately

- Fix the car and counterweight frame according to sizes, adjustment of safety block wedges shoes as per requirement.

Toe Guard Aprons:

The toe guard apron of gauge not less than 1.6mm sheet steel may be provided extending at least 15mm beyond entrance jams at each side. The guards shall have a straight vertical face extending below the level of the finished car floor and not less than the depth of the levelling zone plus 7.5mm. It shall be seamed to car platform construction and be reinforced and braced.

Car Apron, Landing Thresholds and Sills:

An apron shall be fitted to the car platform such that no dangerous gap exist at any time when the landing door is opened, Thresholds and sill plates shall be provided at the landings also. The distance between landing sill and the sill on car platform shall not be more than 30mm.

ARD should be provided

Emergency Power Supply for lift car, fan and intercom system:

This shall include suitable secondary battery with trickle/Boost charge arrangement and inverter power pack with necessary contactors for supply to light fixtures in the lift car, fresh air fan in lift car. The same battery shall also feed the alarm bell and communication equipment.

Inter-communication system:

Intercom system shall be provided in car to have communication in case of an emergency and shall be connected to re-chargeable battery supply.

Ratings and Instructions:

Inside the lift car, the lift supplier shall also provide a stainless-steel metallic plate indicating the rated load and detailed instructions for the passengers. This shall be mounted at a suitable place.

General:

- Put main traction ropes from car to counterweight with rope tension adjustment.
- Put counterweight i.e. of CI blocks in counterweight frame for suitable equilibrium.
- Put car platform and car with adjustment.
- Fix car door and panels / car push button/ fall ceiling light, fan.
- Fix landing panels and put in lock in circuit.
- Fix hoist way accessories like drum reels terminators, final limits, levelling
- Removing the scaffolding.
- Connect three phase supply from main switch along with earthing to controllers as per instruction given.
- Wiring from controller to motor along with earth wire is to be completed.
- Check motor / gear oil.
- Start lift in maintenance mode.
- Check adjustment of hoist way switch/ safety doors and check all parameters of shaft.
- Put controller on normal mode.
- Test run to be taken and & service inspection of lift with all safeties shall be done in presence of site in charge.
- Pre commissioning work such as cleaning of shaft, pit etc shall be done.
- After completion of work, NOC shall be obtained from lift inspector by the agency before putting LIFT into operational use.

Testing of Lift Installation:**Tests at site:****(a) Levelling Test:**

Accuracy of the floor levelling shall be tested with the lift empty, fully loaded. The lift shall be run to each floor while travelling both in upward and downward directions and the actual distance of car floor above, below landing floor shall be measured. In each case there shall not be any appreciable difference in these measurements for levelling at the floors when the car is empty and when it is fully loaded. The tolerances for levelling shall be as specified in para 8 of chapter IV, section I.

(b) Safety Gear Tests:

Instantaneous safety gear controlled by a governor should be tested with contract load and a contract speed, the governor being operated by hand. Two tests should be made, however, with wedge clamp or flexible clamp safeties, one with contract load in the car and the other with 68 kg (equivalent to one person) in the car. The stopping distance obtained should be compared with the specified figures and the guides, car platform, and safety gear should be carefully examined afterwards for signs of permanent distortion.

Counterweight safety gear should be tripped by the counterweight governor and the stopping distance noted. In this case, however the governor tripping speed may exceed that of the car safety governor but by not more than 10 percent.

During the safety gear tests, car speed (from the governor or the main sheave) should be determined at the instant or tripping speed with that stated in IS. The governor jaws and rope should be examined for any undue wear.

(c) Contract speed:

This should be measured with contract load in the car, with half load, with no load, and should not vary from the contract speed by more than 10 percent. The convenient method is by counting the number of revolutions, made by the sheave or drum in a known time, chalk mark on the sheave or drum and a stop switch will facilitate timing but care must be exercised to ensure that no acceleration or retardation periods are included. If the roping is 2 to 1 the sheave speed is twice the car speed. Alternatively, the speed can be measured by a tachometer applied directly to shaft immediately below the sheave.

(d) Lift balance:

After the above test, some of the weight shall be removed until the remaining weights represent the figures specified. With this condition at halfway travel the effort required to move the lift car in either direction with the help of winding wheel shall be as nearly as can be judged by the same.

(e) Car and landing doors interlock:

The lift shall not move with any door open. The car door relay contact and the retiring release cam must be tested. The workings of the door operation and the safety edges and light equipment if any provided shall also be examined.

(f) Controllers:

The operation of the contactors and interlocks shall be examined and it shall be ascertained whether all the requirements laid down in the specifications have been met.

(g) Normal terminal stopping switches:

These shall be tested by letting the car run to each terminal landing in turn, first with no load and then with contract load and by taking measurements, top and bottom over travels can be ascertained.

(h) Final terminal stopping switches:

The normal terminal stopping switches shall be disconnected for this test. It shall be ensured that these switches operate before the buffers are engaged.

(i) Insulation Resistance:

This shall be measured (after removing the electronic PCB's and their connection) between power and control lines and earth and shall not be less than 5 mega-ohms when measured with D.C. voltage of 500 volts. The test shall be carried out with contactors so connected together as to ensure that all parts of every circuit are simultaneously tested.

(j) Earthing:

Earthing continuity of all conduits, switches, casing and similar metal work shall be tested.

(k) Ropes:

The size, number construction and fastenings of the ropes should be carefully examined and recorded.

(l) Buffers:

The car should be run on to its buffers at contract speed and with contract load in the car to test whether there is any permanent distortion of the car or buffers. The counterweight buffers should be tested similarly. Test report shall be intimated after testing at works.

Service Temperature Test:

A continuous run of one hour should be made with number of starts and stops to reproduce as nearly as practical the anticipate duty in service. (The standard duty cycle is for 180 to 240 starts per hour). It is very difficult in practice to carry out this test with alternate starts at full load and no load and it is necessary therefore to simulate these cycles. A suitable test for all motors except squirrel cage motors is to run the car up from the bottom landing with contract load and stop at each floor. From the top floor a non-stop run is made to the lowest floor and the upward journey with stop is then repeated. The time intervals between stops and starts at the floors should be uniform and such as to give about 150 starts in one hour. At the end of this run the temperatures of the armatures and fields of the motor and generator are recorded. The temperature rise should, not exceed 55 deg C or 75 deg C for class A or B insulation respectively.

Approved Make List

Sr. No	Description	Make
1	Lift	Schindler, Kone, Otis, Johnson

Warranty:

All equipment's shall be warranty for a period of 12 months from the date of taking over the lift's unit wise by the department, against unsatisfactory performance and/ or breakdown due to defective design, workmanship or material. The equipment or components, or any part thereof, so found defective during warranty period shall be forthwith repaired or replaced free of cost, to satisfaction of the Engineer-in-Charge.

DRAWINGS FOR APPROVAL & COMPLETION DRAWINGS:

Drawing for approval on award of the work –

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

- a) General arrangement drawings of the Lift machinery, Controller, Guide rails, Lift car and landing doors etc. with complete dimensions.
- b) Any other drawings relevant to the work.

Drawings/ Documents to be furnished on completion of installation:

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

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

After completion of the installation, the same shall be offered for inspection by the representatives of the Lift Inspector. The contractor shall prepare and submit necessary drawings, test certificates, other documents etc. for submission to the Lift Inspector or any other Electrical Inspector for obtaining approval for commissioning the lift. It shall be the responsibility of the Contractor to liaison with such inspecting authority for obtaining the approval for the installation. The contractor will extend all help including test facilities to the representatives of Lift Inspector. The observations of the Lift Inspector will be attended by the contractor. Nothing extra shall be payable to the Contractor on this, accord. However, any fees paid to the Inspecting authority on this account shall be reimbursed by the client on submission of original receipt paid in the name of client. The lift will be commissioned only after getting clearance from Lift Inspector.

ANNEXURE A - APPENDIX TO CONDITONS OF CONTRACT

Details	Clause
Earnest Money Deposit	₹ 05,00,000/- payable in DD/Pay Order
Performance Guarantee/ Security Deposit	Within 7 days of finalization contractor to submit Performance guarantee of amount 1% of the contract value in the form of Bank Guarantee shall be from a Nationalized Bank, validity till the contractual completion date plus 4 months. If the work gets delayed or extended the bank guarantee will be extended at no extra cost to client.
Time for project completion	04 months for date of issue of LOI including Monsoon season including complete handing over including snag list clearance
Mobilization Advance	The contractor shall not be paid any Mobilization Advance.
Mobilization Time	The Contractor shall start work within a period of 7 Days from the date of LOI or notice to Proceed.
Insurance	The Insurance Policies / Contractor all risk policy to be taken and kept in force by the contractor throughout the construction. An amount of Rs. 0,00,00,000/- to be insured at all times
Licenses and local approvals	The contractor shall obtain at his own cost Govt/ Municipal licenses/permits required for labour, site facilities and all other government licenses required before start of work in the area.
Site office	Contractor to provide furnished office to his site staff, Employer & representative with computer, printer & internet connection and other basic facilities.

Details	Clause
Supply of Material and reconciliation.	All materials shall be supplied by Contractor. No wastage allowance shall be considered. The Contractor shall also provide a proper reconciliation of the material consumed, duly verified by the Consultants / Employer, and along with the RA bills submitted from time to time and also Final reconciliation Statement with final Bill.
Contract Rates.	The Contract rates shall remain firm throughout the period of the contract. No escalation or price adjustment shall be done due to any reason.
Local Issues	All local issue will be handled by the contractor
RA (Running account) Bill	It will take 7 working days to check and certify the bill by consultant after receiving soft and hard copy of bill along with all necessary documents and R.A. Bills will be paid within 15 working days from the date of certification of bills by Consultants. This payment will be made after making necessary deductions as stipulated elsewhere in the CONTRACT DOCUMENT.
Final Bill	Only on obtaining completion certification from the Consultants & Employer, the Contractor shall submit the FINAL BILL which will be settled within a period of 1.5 months (45 days) provided the contractor completed work as per conditions of contract. Final Bill shall be complete in all respects including duly signed final measurements, material reconciliation statements, authentication of non-tender items by quantity and by rates agreed upon. Payment against final bill will be made as set, after deducting of any advance, other dues/income tax and recoveries.
Liquidated Damage/ Bonus	In the event of delay in completion of work, the contractor shall pay liquidated damages at the rate of 0.5% of contract price per week of delay subject to a maximum of 5% of contract price. Contractor shall be entitled for a bonus of 1% for each 30 days early completion of work. The period of less than 30 days shall be ignored while working out bonus. The maximum bonus shall be limited to 2.5% of original contract value.
Defects Liability Period	12 months from date of issue of virtual completion Certificate.

Details	Clause
Retention money	5% retention amount will be deducted from every running account bill. Maximum of 5 % of contract value. 100% after completion of one year / after defects liability period after certification of consultant. 100% amount can be released on receipt of bank guarantee from nationalized bank of the amount up to end of defects liability period
Water	Water for construction shall not be made available to the contractor. Contractor has to arrange the construction water without any extra cost. The contractor at his own cost shall arrange distribution of pipe networks, storage and such distribution network arrangement shall have the prior approval of the Engineer-in-Charge.
Electricity	Supply of electric power for the work shall be arranged by the contractor without any extra cost. The contractor shall make further distribution arrangements from this point. Contractor will be responsible for overall lighting of the site. Power Supply required for testing of lifts shall be arranged by the contractor.
Labour Hutments	Contractor to make his own arrangement for labour hutments outside the plot. Labour camp will not be allowed to stay inside the plot. He will not be allowed to make hutments just outside the plot or adjoining to the existing compound wall.
Penalty	Rs. 1,000/- per incident of unsafe act / non-compliance of Legal / Statutory requirements as may be pointed out by the Consultants / Employer. Such fault shall also include acts that are specifically prohibited under various provisions / clauses provided as part of this tender document.

I/WE AGREE TO ABOVE

Witness :

Signature of Contractors
(With Rubber Stamp)

ANNEXURE B

FORM OF AGREEMENT

THIS AGREEMENT made the _____ day of _____ 2026
BETWEEN Shikshan Prasarak Mandali. (Hereinafter called "the Employer") of the first
part and _____ (hereinafter called
the "the Contractor") of the other part.

WHEREAS the Employer is desirous that certain work should be carried out viz " Proposed Lift Works for Construction of Girls Hostel Building and Ancillary Structures, for M/s. Shikshan Prasarak Mandali at Plot No 226 (C. S. No. 202B/10), Matunga (E)-400019, Mumbai, India." and has accepted a tender by the Contractor for execution and maintenance of such works.

NOW THIS AGREEMENT as follows:

In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.

The following documents shall be deemed to form and be read and construed as part of this agreement, viz.

The said Tender and Appendix thereto.

Instructions to Tenderers

The Drawings

The Conditions of Contract

Special Conditions and Specifications

General Specifications

Standard Descriptions of Items

Bill of Quantities

Letter of Acceptance dated _____

Any correction or addition thereof.

Final negotiation meeting records

In consideration of the payments to be made by the Employer to the contractor as herein after mentioned the contractor hereby covenants with the Employer to construct complete and maintain the works in conformity in all respects with the provisions of the contract.

The Employer hereby covenants to pay to the Contractor in consideration of the construction, completion and maintenance of the work the contract price at the times and in the manner prescribed by the contract.

IN WITNESS whereof the parties hereto have caused their respective common seals to be hereunto affixed (or have hereunto set their respective hands and seals) the day and your first above written.

SIGNED BY THE SAID IN THE PRESENCE OF

OWNER

WITNESS

NAME :

ADDRESS:

SIGNED BY THE SAID IN THE PRESENCE OF

CONTRACTOR

WITNESS

NAME :

ADDRESS:

Note this format may be changed as per requirement of client

ANNEXURE C

Proforma for Structure & Organization Details

Sr. no	Description	Detail
1.	Name of the firm	
2.	Address.	
3.	Telephone no. – Office	
	Residence.	
4.	Telegraphic Address, if any.	
5.	Month and year in which the present firm was established in present name	
6.	Particulars of old firm(if present firm is new) if main partners of the present firm were working as construction contractors in some other name in the past(the partnership deed of the old firm be enclosed)	
7	Particulars of sister concern if any	
8(i)	What is the constitution of the firm viz. sole proprietor, partnership, Pvt Ltd. Public ltd. Etc.	
(ii)	Enclose copy of partnership deed or Articles of Association etc.	
9.	Give details of enrolment with Govt./Semi Govt/PSU & with other organizations.	
10 (i)	Annual turnover for last five years(enclose documentary evidence or proof to support figures)	Year Rs. In Lacs i) ii) iii) iv) v)
iii)	Enclose latest Income-tax clearance certificate. Certificate enclosed for Assessment year.	
11 (i)	Name and complete address of bankers	
(ii)	Enclose solvency certificate indicating the amount	Rs.
iii)	Bank Guarantee Limits with various Banks.	i) Rs. Lacs with ii) Rs. Lacs with
12 (i)	Enclose list of immovable properties with complete postal addresses, full description.	Rs.
18(i)	How do you normally carry out work of water supply, sanitary and plumbing installations ?	
ii)	Who is the license holder and what is his	

Sr. no	Description	Detail
	experience of this work ?	
19(i)	How do you normally get the work of electrical installations carried out ?	
(ii)	Who is the license holder and what is his experience ?	
20.	Any other information, the applicant might like to give .	

I/We certify that the above particulars are correct and that it should be found that I/We fails to notify the fact of my/our subsequent amalgamation with another contractor or firm, The Shikshan Prasarak Mandal, Pune may remove my/our name from the list of contractors and any contract that I/We may be holding at the time may be rescinded.

(SIGN & STAMP OF BIDDER)

Date:

ANNEXURE D

Proforma for Details of Technical & Administrative Personnel of the company.

Sr. No.	Name	Designation	Age	Academic Qualification	Period of Service with the firm	Total Experience	Details of experience

SIGN & STAMP OF BIDDER

ANNEXURE E

Proforma for ENROLLMENT WITH VARIOUS ORGANISATIONS:

Sr. no.	Name and address of Authority with whom You are Enrolled	Year to year	Is copy of letter enclosed	Class or category	Limit works enrolled for . (Rs. In Lacs)

SIGN & STAMP OF BIDDER

ANNEXURE F

LIST OF MAJOR WORKS COMPLETED DURING LAST FIVE YEARS.

Sr. no.	Name and Complete Postal Address of			Order			Date of commencement	Scheduled date of completion	Progress made and expected date of completion and reasons for delay if any.
	Site of work & nature of work	Owner	Authority under whom work is carried out	Ref. No. & Date	Amount (Rs. In lacs)	Is copy enclosed			

SIGN & STAMP OF BIDDER

ANNEXURE G

LIST OF MAJOR WORKS ON HAND

Sr. no.	Name and Complete Postal Address of			Order			Date of commencement	Scheduled date of completion	Progress made and expected date of completion and reasons for delay if any.
	Site of work & nature of work	Owner	Authority under whom work is carried out	Ref. No. & Date	Amount (Rs. In lacs)	Is copy enclosed			

SIGN & STAMP OF BIDDER

ANNEXURE H

DETAILS OF PLANT AND EQUIPMENT WITH BIDDER

[illegible]

We declare that the information provided by us is correct and when required we shall provide the required documentation for the same.

Contractor

ANNEXURE I

OTHER RELEVANT INFORMATION

[illegible]

ANNEXURE J

TEF ACCEPTANCE FORMAT

To,
M/s Shikshan Prasarak Mandal, Pune

TENDER ENQUIRY No – _____

Date: - _____

I/We hereby accept all the tender enquiry terms.

COMPANY'S NAME & ADDRESS: SIGNATURE:

DATE:

NAME:

DESIGNATION:

BIDDER'S COMPANY

SEAL:

NOTES:

Bidders should carefully read the Terms & Conditions of the Tender Enquiry Form (TEF) prior to filling up this acceptance format.

This format should be properly filled, signed and returned by the bidder(s) along with their technical offer for considering their Bid.

Bidder(s) to attach Separate Sheet for any deviations taken by them.

ANNEXURE K

Payment Terms Acceptance Format

To,
M/s Shikshan Prasarak Mandal, Pune

TENDER ENQUIRY No – _____ Date: - _____

I/We hereby accept all the payment terms mentioned in tender.

COMPANY'S NAME & ADDRESS:	SIGNATURE:
_____	DATE:
_____	NAME:
_____	DESIGNATION:
	BIDDER'S COMPANY SEAL:

NOTES:

1. Bidder(s) should carefully read payment terms included in the tender prior to filling up this acceptance format.
2. This format should be properly filled, signed and returned by the bidder(s) along with their technical offer for considering their Bid.
3. Bidder(s) to attach Separate Sheet indicating all relevant details such as Number & description of the Clause, Reasons for Deviation and Alternative suggested for any deviations taken by them.

ANNEXURE L

FORM OF UNDERTAKING TO BE FURNISHED BY THE BIDDER

To,
Shikshan Prasarak Mandali.
Sharada Sabhagrah,
S P College Campus
Tilak Road,
Pune 411030 – Maharashtra

Sir,
Sub: Proposed Lift Works for Construction of Girls Hostel Building and Ancillary Structures, for M/s. Shikshan Prasarak Mandali at Plot No 226 (C. S. No. 202B/10), Matunga (E)-400019, Mumbai, India.

REF: M/s. Shikshan Prasarak Mandali TENDER ENQUIRY No – _____ Date: _____

Having visited the site and examined the Drawing(s), Conditions of Contract, Special Conditions of Contract, General Specification and Detailed Specifications, building specifications of the above named work(s), we offer to design and construct, the whole of the said works as listed in the scope in conformity with the said Drawings, General Conditions of Contract, Specification, building specification included in this Tender Document for such other sum as may be ascertained in accordance with the said conditions of Contract.

We undertake to complete and deliver the works as per the time period mentioned in the tender

We have independently considered the amount of Liquidated damages shown in the tender and agree that it represents a fair estimate of the loss likely to be suffered by you in the event of the work(s) not being completed in time.

The Contractor's All Risk Policy for the full value of the Contract valid till the completion period will be obtained by us in the joint names of M/s. Shikshan Prasarak Mandali and us. We shall also undertake workmen compensation policy as per the tender terms.

We agree to abide by this Tender for the period of 30 days from tender closure date from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiry of this period.

Unless and until a formal Agreement or Order is prepared and executed, this tender together with your written acceptance thereof, shall constitute a binding Contract between us.

We understand that if our Tender-Bid is accepted, we are to be jointly and severally responsible for the due performance of the Contract.

We understand that you are not bound to accept the lowest or any Tender you may receive.

Dated this _____ day of _____
(year)

Signature _____ in the capacity of _____

Duly authorized to sign Tenders for and on behalf of _____

(IN BLOCK CAPITALS)

Witness:

Signature _____

Address of Witness _____

Name _____

Occupation _____

ANNEXURE M

RTGS/NEFT – MANDATE AUTHORISATION FORM

1. Supplier's / Vendor's Name:

[illegible]

2. Supplier's / Vendor's Name as per Bank Records:

[illegible]

3A. Supplier's Code

--	--	--	--	--

3B. Supplier's PAN Number: #

[illegible]

Quoting PAN No. in all the e-returns has become 100% mandatory w.e.f. 14-02-2008 hence, ensure to fill-up this and also send a photocopy of PAN duly self-attested. If there is any difference between the name given in the supplier's name and name given in the PAN card, then a note to explain the reason for the difference and the correlation between both.

4. Supplier's / Vendor's Complete Postal Address:

Door No.								Street:											
Location:								District :											
City:								State						PIN					

5. Supplier's / Vendor's E-mail ID:

[illegible]

6. Supplier's / Vendor's Telephone Number & Mobile Phone Number:

[illegible]

7. Name of the Bank:

[illegible]

8. Bank (Branch) Postal Address:

[illegible]

9. RTGS*/NEFT** - Code of the Branch:

[illegible]

RTGS* - “Real Time Gross Settlement”, NEFT** - “National Electronic Fund Transfer”.

These “IFSC” Codes are unique numbers of each Branch – “Indian Financial Services Code”. For some Branches both the codes are the same and some Banks, may maintain one Code No. for RTGS and another Code No. for NEFT. Hence, please fill-up both the rows, even if it is the same.

10. Nature of the Account: (Tick whichever is applicable & put 'x' mark for the balance two accounts)

Saving Bank Account:		Cash Credit Account:		Current Account:	
----------------------	--	----------------------	--	------------------	--

11. Bank Account Number of the Supplier: ©

[illegible]

© Fill up from the 1st column. For the balance left out blank columns, please mention 'x' mark.

We hereby declare that the particulars given above are correct and complete. If the transaction is delayed for reasons of incomplete or incorrect information, we would not hold M/s. Shikshan Prasarak Mandali responsible.

Date:

Supplier's Seal:

ANNEXURE N

PAYMENT TERMS:

Sr. No.	Description	Percentage
1	Mobilization advance	NA
2	Running Bills- Maximum one each month	95% Via Running Bills
3	Retention Money: After defect liability period i.e. 1 year or against bank guarantee from nationalized bank valid till defects liability period	5 %
4	RA Bill Checking Time	
	The Consultant shall then check the verified/corrected R.A. bill within 5 (five) days from its receipt	
	The Owner will make payment against certificate of payment through Demand Draft drawn of any bank within 15 days from the receipt of bill & Certificate of Payment in their office unless such amounts are being disputed or not approved by the Engineer.	
5	Frequency of Interim Valuations (R A Bills)	Maximum 1 (one) R A bills per month.
6	Value of Interim Valuations (R A Bills)	Each Interim Valuation (R A Bill) to have a minimum value Rs. 40,00,000/- (Rupees Forty Lakhs only).

ANNEXURE O

NAME OF WORK: Proposed Lift Works for Construction of Girls Hostel Building and Ancillary Structures, for M/s. Shikshan Prasarak Mandali at Plot No 226 (C. S. No. 202B/10), Matunga (E)-400019, Mumbai, India.

NAME OF TENDERER :

PRICE BID

I have gone through the entire tender documents and the building specifications
Our price as per the Annexed Bill of Quantities will be Rs. _____. (In words
Rupees _____ Only).

The above quoted rate is inclusive of all taxes/ duties as mentioned below:

	quote in INR	Taxes applicable	Tax %	Total including taxes
Final Amount as per BOQ				

SIGNATURE OF TENDERER

ANNEXURE P

Name of Work: Proposed Lift Works for Construction of Girls Hostel Building and Ancillary Structures, for M/s. Shikshan Prasarak Mandali at Plot No 226 (C. S. No. 202B/10), Matunga (E)-400019, Mumbai, India.

NAME OF TENDERER :

SCHEDULE OF RATES (FORM – A)

The Schedule of rates should be read in conjunction with all the other sections of the tender. The tenderer shall be deemed to have studied the specifications, drawing and the details of work to be done within the time schedule attached and to have assessed the extent of work to be done and also to have acquainted himself of the conditions prevailing at the site.

The quantities shown against the items of work are only approximate and may vary to any extent subject to relevant clause of General Conditions of Contract.

The work shall be measured on completion and paid for at the accepted rates.

The item of work mentioned in the Schedule of Rates and covered by this contract shall be carried out as per the specifications, drawing and directions of the Consultants and shall be include all labor, materials, tools etc., required to complete the job, in all respects.

The rates inserted in the bills of quantities are to be for the full inclusive value of the work described under the several items, including all costs and expenses which may be required in and for the construction and full protection on the work described, together with all general risks, liabilities and obligations set forth or implied in the documents and on which are tender is based. The quoted rates will be for all heights, lifts and leads unless otherwise mentioned specifically in the description of item.

General directions and descriptions of work and materials given elsewhere in the contract documents are not necessarily repeated in the Bills. Reference is to be made to the other documents for the full information.

The Contractor will be deemed to have visited the site before quoting for the tender and to have examined for himself the conditions under which the work will be carried out including local conditions effecting labour and to have studied the items of the Bills of Quantities, the drawings and specifications clauses relating to them and to have satisfied himself that the rates quoted by him provide for all minor accessories and contingent works or services necessary for the works described even though they are not precisely defined.

Part of this contract, then the Contractor being called upon Tenderer is advised to read items of works carefully and quote the rates accordingly, however, if he quotes different rates for the same items of work under different schedules of items, the lowest rates quoted shall be made applicable to all the Bills of Quantities and the contract sum corrected accordingly.

Where an item of work not mentioned in a particular Bill of Quantities, is required to be executed and where the rate for such an item of work is quoted under a different Bill of Quantities forming shall execute the work and shall be paid at the rate so quoted Nothing extra over shall be payable on this account.

The drawing (s) attached with these tender documents are for the purpose of tender only, giving the tenderer a general idea of the nature and the extent of works to be executed. The rates quoted by the tenderer shall be deemed to be for the execution of works in accordance with the “Construction drawings” (to be supplied to the Contractor at the time of execution of the works) taking into the account the “Design Aspect” of these drawings.

I agree to above

SIGNATURE OF TENDERER

ANNEXURE Q

Name of Work: Proposed Lift Works for Construction of Girls Hostel Building and Ancillary Structures, for M/s. Shikshan Prasarak Mandali at Plot No 226 (C. S. No. 202B/10), Matunga (E)-400019, Mumbai, India.

NAME OF TENDERER:

LIST OF ARBITRATION / DISPUTES.

LIST OF DISPUTES/LITIGATIONS/ARBITRATIONS

The tenderer shall give herein below the details of disputes/litigations/Arbitrations in the works executed in last 5 years in the following Proforma:

Sr.. No.	Year of Work	Name of Client	Nature of dispute/ In brief	Name of Arbitrator	Money Amount	Status & details involved Thereof
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SIGNATURE OF TENDERER

In case if space is insufficient the tenderer may attach additional sheets with clear indication.

ANNEXURE R

Name of Work: Proposed Lift Works for Construction of Girls Hostel Building and Ancillary Structures, for M/s. Shikshan Prasarak Mandali at Plot No 226 (C. S. No. 202B/10), Matunga (E)-400019, Mumbai, India.

NAME OF TENDERER:

QUALITY ASSURANCE PLAN

(The tenderer shall describe in details a various measures for each item of work to insure desire Quality.)

SIGNATURE OF TENDERER

In case if space is insufficient the tenderer may attach additional sheets with clear indication.

ANNEXURE S

Name of Work: Proposed Lift Works for Construction of Girls Hostel Building and Ancillary Structures, for M/s. Shikshan Prasarak Mandali at Plot No 226 (C. S. No. 202B/10), Matunga (E)-400019, Mumbai, India.

NAME OF TENDERER :

HOUSEKEEPING

(The tenderer shall describe in details a various measures for maintaining Housekeeping in a manner suiting best standards in terms of Daily schedule, by alternate daily, weekly schedule, fortnightly schedule and monthly schedule)

SIGNATURE OF TENDERER

In case if space is insufficient the tenderer may attach additional sheets with clear indication.

ANNEXURE T

Name of Work: Proposed Lift Works for Construction of Girls Hostel Building and Ancillary Structures, for M/s. Shikshan Prasarak Mandali at Plot No 226 (C. S. No. 202B/10), Matunga (E)-400019, Mumbai, India.

NAME OF TENDERER :

MATERIAL PROCUREMENT PLAN

(The tenderer shall describe in details of procurement of material for major items of works.)

SIGNATURE OF TENDERER

In case if space is insufficient the tenderer may attach additional sheets with clear indication.

ANNEXURE U

PROFORMA FOR BANK GUARANTEE FOR EARNEST MONEY DEPOSIT

(To be stamped in accordance with the Stamp Act)

Ref No. _____ Bank Guarantee No. _____ Date _____

To,

Shikshan Prasarak Mandali.

Sharada Sabhagriha,

S P College Campus

Tilak Road,

Pune 411030 - Maharashtra

Dear Sir(s),

In accordance with Letter inviting Tender under your reference No _____

M/S _____ having their Registered/ Head
Office at _____ (hereinafter called the Tenderer) wise to participate
in the said tender for _____.

As an irrevocable Bank Guarantee against Earnest Money Deposit for as amount of
_____ is required to be submitted by the Tenderer as a condition precedent
for participation in the said Tender which amount is liable to be forfeited on the
happening of any contingencies mentioned in the Tender Document.

We, the _____ Bank at _____ having our
Head Office _____ (Local-address) guarantee
and undertake to pay immediately on demand by M/s. Shikshan Prasarak Mandali the
amount _____ without any reservation. protest. demur
and recourse. Any such demand made by Shikshan Prasarak Mandali, shall be conclusive
and binding on us irrespective of any dispute or difference raised by the Tenderer.

This guarantee shall be irrevocable and shall remain valid upto _____ (this date
should be 180 days (One Hundred and Eighty days) after the date finally set out for closing of
tender) If any further extension of this guarantee is required, the same shall be extended to
such required period on receiving instructions from

M/S _____ whose behalf this guarantee is
issued.

In witness whereof the Bank, through its authorised officer, has set its hand and stamp on this
_____ day of _____ at
_____.

WITNESS :

(SIGNATURE)

(NAME)

(SIGNATURE)

(NAME)

(SIGNATURE)

(NAME)

Designator with Bank stamp

(OFFICIAL ADDRESS)

Attorney No _____

Date : _____

Attorney as per power of

Sr No	Description	Unit	Qty	Unit Price	Amount
1	SITC of Electric Traction Passenger Lift with • Rated capacity :- 8 Passenger/544Kg • Floors :- Ground + 20 floor + Terrace (22 Stops/22 Landings) • Travel :- 68 mtrs • Location of Lift Machine:- MRL • Rated speed :- 1.75 to 2.5 mps VS • Car/Landing door clear opening of 800 mm wide x 2000 mm high • Clear Car size of 1300 mm wide x 1100 mm deep x 2250 mm high • Lift shaft available having clear size of 1800 mm wide x 1500 mm deep, +/- 1800 mm Pit depth, 4500 mm Overhead. • Doors type :- COPO Doors with frame made from SS 304 grade solid(non-cladded) sheet of 1.5mm thick in hairline finish for car and all landing doors with SS door architraves/frames The lift doors shall have minimum 1 hour fire rating (with submission of necessary valid test certificate issued by NABL accredited or Independent test laboratory). • Lift car enclosure made from SS 304 grade solid (non-cladded) sheet of 1.5mm, thick with hairline finish with frame made from MS girders, bracing of adequate size with minimum safety factor of 5, with Toe Guard Apron, with necessary false ceiling with adequate LED lights, blower/fan for ventilation & SS chequered plate flooring, handrails, mirror, emergency light etc. The lift car interior design shall be done as per the directions of engineer in charge. • COP with SS face plate having metallic push buttons with Braille code & luminous indicator around button with FPI, scrolling UP/DN LED indicator & with / without attendant key switch, OWD with audio-visual alarm, VAS in Marathi, Hindi & English with intercom system with telephone instrument in Lift car, LMR & FCC/ground floor. • LOP with SS face plate having recess/surface push button box for all landings with scrolling UP/DN LED indicator having metallic push buttons with Braille code & luminous indicator around button with CPI, Lift	JOB	1		-

	car arrival & next travel direction audio-visual indication at all landings.				
	Lift controller based on microprocessor/ PLC with VVVF Drive having closed loop control system, with IBMS compatible having necessary port. The controller shall have necessary protections such as overcurrent, overvoltage, over speed, overheat for all devices including lift motor and travel direction protection, protection for phase loss at input or output etc. various operation modes such as maintenance, change direction by attendant, full load bypass, VIP call operation, self levelling operation, call cancel facility, auto return to home landing, fireman evacuation operation, earthquake operation, door open/close operation from COP etc. The system can record information for minimum 30 latest faults, with real-time clock management and handheld keypad with LCD screen for view and setting of parameters. The control panel duly wired with proper size & strength, copper wire for power & control circuit, with provision for addition of floor/control card & allied accessories control panel having enclosure of 1.5mm CRCA sheet with powder coating with IP54 Protection class. · ARD complete with necessary SMF VRLA batteries. · Fireman controller having fireman switch at fire Landing. · CCTV surveillance system comprises of 2 no's minimum 2.0MP FHD IP based vandal proof Dome camera in lift car & in LMR/inside lift shaft top aimed on Lift machinery & controller with NVR kept in LMR/FCC with HDR data backup for min. 90 days min. with 18" FHD TV monitor, to be kept in FCC/LMR as directed by Engineer In Charge. · Lift Machine of Gearless PMSM of suitable kW with duty cycle of minimum 120 starts/hr (with submission of necessary valid test certificate issued by NABL accredited or Independent test laboratory), with Traction pulley, OSG, electromagnetic brakes, entire assembly mounted on adequate size girders duly fixed on LMR floor/ shaft walls complete with main/diverter traction sheaves, suspension wire ropes/belts of adequate size & strength. · Other mechanical parts such as 'T' section				

	adequate size guide rails for car & counter weight with brackets fasteners, counter weight frame with necessary blocks, buffers with necessary support arrangement, MS pit ladder etc. erected with necessary steel work. · Minor civil work such as alteration work if any necessary for erection of landing door frames and it's accessories e.g. sill, header, hole pass etc complete with plaster finish, civil work for erection buffers, erection of lift machinery, adequate size core cuts if required & scaffolding for erecting guide rails, providing and fixing steel girders/RCC work having adequate strength for mounting and hoisting lift machine etc. complete as per specification no. LFT. · General: - Job includes entire procedure of obtaining all necessary erection permissions & "License to Work the Lift" from Electrical Inspector(Lifts) with submission to the Engineer In Charge. · The above rate includes Fully Comprehensive AMC for one year from the date of commissioning.				
	Duplex Lift control system for two nos. microprocessor/PLC based simplex lift controllers along with necessary software with programming and hardware e.g. logic board, necessary communication/control/data cabling laying in rigid PVC conduits/trunking etc. complete.				

2	SITC of Electric Traction Passenger Lift with • Rated capacity :- 8 Passenger/544Kg • Floors :- Ground + 20 floor + Terrace (22 Stops/22 Landings) • Travel :- 68 mtrs • Location of Lift Machine:- MRL • Rated speed :- 1.75 to 2.5 mps VS • Car/Landing door clear opening of 800 mm wide x 2000 mm high • Clear Car size of 1300 mm wide x 1100 mm deep x 2250 mm high • Lift shaft available having clear size of 1800 mm wide x 1600 mm deep, +/- 1800 mm Pit depth, 4500 mm Overhead. Doors type :- COPO Doors with frame made from SS 304 grade solid(non-cladded) sheet of 1.5mm thick in hairline finish for car and all landing doors with SS door architraves/frames The lift doors shall have minimum 1 hour fire rating (with submission of necessary valid test certificate issued by NABL accredited or Independent test laboratory). Lift car enclosure made from SS 304 grade solid (non-cladded) sheet of 1.5mm, thick with hairline finish with frame made from MS girders, bracing of adequate size with minimum safety factor of 5, with Toe Guard Apron, with necessary false ceiling with adequate LED lights, blower/fan for ventilation & SS chequered plate flooring, handrails, mirror, emergency light etc. The lift car interior design shall be done as per the directions of engineer in charge. COP with SS face plate having metallic push buttons with Braille code & luminous indicator around button with FPI, scrolling UP/DN LED indicator & with / without attendant key switch, OWD with audio-visual alarm, VAS in Marathi, Hindi & English with intercom system with telephone instrument in Lift car, LMR & FCC/ground floor. LOP with SS face plate having recess/surface push button box for all landings with scrolling UP/DN LED indicator having metallic push buttons with Braille code & luminous indicator around button with CPI, Lift car arrival & next travel direction audio-visual indication at all landings.	JOB	1		
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	· Lift controller based on microprocessor/ PLC with VVVF Drive having closed loop control system, with IBMS compatible having necessary port. The controller shall have necessary protections such as overcurrent, overvoltage, over speed, overheat for all devices including lift motor and travel direction protection, protection for phase loss at input or output etc. various operation modes such as maintenance, change direction by attendant, full load bypass, VIP call operation, self levelling operation, call cancel facility, auto return to home landing, fireman evacuation operation, earthquake operation, door open/close operation from COP etc. The system can record information for minimum 30 latest faults, with real-time clock management and handheld keypad with LCD screen for view and setting of parameters. The control panel duly wired with proper size & strength, copper wire for power & control circuit, with provision for addition of floor/control card & allied accessories control panel having enclosure of 1.5mm CRCA sheet with powder coating with IP54 Protection class. · ARD complete with necessary SMF VRLA batteries. · Fireman controller having fireman switch at fire Landing. · CCTV surveillance system comprises of 2 no's minimum 2.0MP FHD IP based vandal proof Dome camera in lift car & in LMR/inside lift shaft top aimed on Lift machinery & controller with NVR kept in LMR/FCC with HDR data backup for min. 90 days min. with 18" FHD TV monitor, to be kept in FCC/LMR as directed by Engineer In Charge. · Lift Machine of Gearless PMSM of suitable kW with duty cycle of minimum 120 starts/hr (with submission of necessary valid test certificate issued by NABL accredited or Independent test laboratory), with Traction pulley, OSG, electromagnetic brakes, entire assembly mounted on adequate size girders duly fixed on LMR floor/ shaft walls complete with main/diverter traction sheaves, suspension wire ropes/belts of adequate size & strength. · Other mechanical parts such as 'T' section adequate size guide rails for car & counter weight with brackets fasteners, counter weight frame with necessary blocks, buffers with necessary				
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	support arrangement, MS pit ladder etc. erected with necessary steel work. · Minor civil work such as alteration work if any necessary for erection of landing door frames and it's accessories e.g. sill, header, hole pass etc complete with plaster finish, civil work for erection buffers, erection of lift machinery, adequate size core cuts if required & scaffolding for erecting guide rails, providing and fixing steel girders/RCC work having adequate strength for mounting and hoisting lift machine etc. complete as per specification no. LFT. · General: - Job includes entire procedure of obtaining all necessary erection permissions & "License to Work the Lift" from Electrical Inspector(Lifts) with submission to the Engineer In Charge. · The above rate includes Fully Comprehensive AMC for one year from the date of commissioning.				
	Duplex Lift control system for two nos. microprocessor/PLC based simplex lift controllers along with necessary software with programming and hardware e.g. logic board, necessary communication/control/data cabling laying in rigid PVC conduits/trunking etc. complete.				
	Total Amount				