



PREMISES & ESTATE DEPARTMENT, LHO-MUMBAI METRO CIRCLE

3RD FLOOR, SYNERGY BUILDING, G- BLOCK,
BANDRA KURLA COMPLEX, MUMBAI-400 051

PART – A: TECHNICAL BID

TENDER ID: MUM20241101

**TENDER FOR DESIGN, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF
1 NO OF 10 PASSENGER LIFT (G + 3F) AT STATE BANK OF INDIA, COMMERCIAL
BRANCH, FORT, MUMBAI-400001**

Note: Original Elevator Manufacturers (OEM's) who have received NIT from the Consultant / SBI are only eligible to participate in this tender.

TENDER SUBMITTED BY:

NAME :

ADDRESS :

GSTIN NO. :

DATE :

ARCHITECT

M/S. ARCHITECTS APPROACH,

20, SHRIDHAR BUILDING,
HANUMAN ROAD, VILEPARLE (EAST),
MUMBAI 400057.

TEL. NO. 26146829 / 26163137

FAX NO. 26163137

E-mail: arch_apro@yahoo.com

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NOTICE INVITING TENDERS

TENDER ID: MUM20241101

TENDER FOR DESIGN, SUPPLY, INSTALLATION TESTING AND COMMISSIONING OF 1 NO OF 10 PASSENGER LIFT (G + 3F) AT STATE BANK OF INDIA, COMMERCIAL BRANCH, FORT, MUMBAI-400001

SBI, LHO, Mumbai Metro Circle invites online tender on behalf of SBI Commercial Branch for captioned work from the eligible Original Equipment Manufacturers (OEM's) of lift who have received NIT from the lift Architect / Consultant / SBI are only eligible to participate in this tender

Details of the tenders are as under:

Sr.No.	Particulars	Details
1	Name of work	Design, Supply, Installation, testing and commissioning of 1 No of 10 Passenger Lift (G + 3F) at State Bank of India, Commercial Branch, Fort, Mumbai-400001.
2	Nature of Work	Replacement of Lifts.
3	List of Approved and Acceptable Make	<ul style="list-style-type: none"> a) Otis Elevator Company India Limited (OTIS) b) Kone Elevator India Private Limited (KONE) c) Schindler India Private Limited (SCHINDLER) d) TK Elevator India Private Limited (Formally THYSSENKRUPP) e) Johnson Lifts India Ltd. (JOHNSON)
4	Time allowed for completion	24 Weeks (8 weeks material supply, 8 weeks for first 1 Lift installation + 8 weeks remaining 1 lift)
5	Earnest Money Deposit	Rs.16,000/- (Rupees Sixteen Thousand Only) by means of Demand Draft / Pay Order (Valid for a period of 90 Days from the last date of submission of the tender) from any scheduled Nationalized Bank drawn in favor of SBI and payable at Mumbai.
6	Initial Security Deposit (ISD)	2% of contract amount including EMD. The successful bidder(s) shall be responsible to deposit Initial security deposit @ 2% of the Cumulative Contract Value (of the work awarded for various Circles) excluding EMD with SBI, Mumbai by way of demand draft in favour of SBI payable at Mumbai within 7 days from the date of receipt of "Letter of Intent" from SBI.
7	Date of availability of tender documents	
	Technical Bid & Price Bid	19.11.2024 to 30.11.2024 Available at M/s e-Procurement Technologies Ltd., our Service Provider's portal https://etender.sbi/

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8	Last date and time for submission of written queries for clarification in Pre-bid meeting.	upto 12.00 Noon on 23.11.2024
9	Pre-Bid Meeting	At 3.00 PM on 25.11.2024 at address mentioned in point no. 11 below. (Only written queries submitted by the bidders till stipulated date and time shall be discussed and clarified in the meeting)
10	Last date & time for submission of EMD	30.11.2024 by 03:00 PM Note: It is sole responsibility of the bidder to ensure submission of their EMD by stipulated date and time at specified address failing which they will not be allowed to participate in E-Tendering
11	Address for submission of EMD	Assistant General Manager(P&E), State Bank of India, 3 rd Floor, Local Head Office, Bandra Kurla Complex, Bandra(E), Mumbai-400051.
12	Last date & time for submission of Online Tender (Technical bid & Price Bid)	30.11.2024 by 03:00 PM at Service Provider's portal https://etender.sbi/SBI/
13	Date and Time of opening of Online Technical Bid	30.11.2024 by 03:30 PM
14	Date and time of opening of online price bid (<u>only to those bidders who technically qualify</u>)	03.12.2024 by 11:30 AM
15	Defects liability period	One year from the date of virtual completion of work.
16	Liquidated Damages	0.50% per week subject to max. 5% of contract amount for delay in completion of work.
17	Validity of offer	90 days from the date of opening of Price-bid
18	Value of Interim Certificate	No advance on materials / plant / machinery or mobilization advance shall be paid under any circumstances
19	Submission of Technical Bid (Hard Copy)	1. Contractors shall download and <u>upload compulsorily the pages numbered from 01 to 10 and 80 to 87 (Technical Parameters) of the technical bid</u> without fail in the e-tendering portal after putting the signature and seal. Failing to upload as stated above, the tender will be rejected. 2. However, L1 Tenderer should submit the whole technical bid spirally bound securely and in serial order containing all pages duly signed with company seal and date to this Office within 7 days of receipt of



		confirmation. Failure to submit the hardcopy of Technical Bid may render the bidder disqualifies.
20	Site Visit before quoting of tender (Site visit confirmation document to be attached)	Contractors shall compulsory visit the project site before quoting of tender on all working days from 11.00 AM to 3.00 PM (except holidays, Saturday & Sunday)
21	Site Address and contact persons	Assistant General Manager & COO, State Bank of India, 2 nd Floor, Commercial Branch Mumbai, Mumbai Main Branch Building, Fort, Mumbai-400001. Contact persons: Shri. Everlet Elias Hynniewta, Assistant General Manager & COO, Ph -+91 22 41751271 Mob-9910390505 Shri. Vaibhav Dubale Dy. Manager (Admn) 9833793737
<p><u>e-Tender Service Provider Contact persons:</u> Primary Contact Numbers: - M:- 9081000427, 9904407997 Alternate Contact No. : Riddhi Panchal: 079-40270506, 8460518168, riddhi.panchal@auctiontiger.net Jaymeet Rathod: 079-68136829, jaymeet.rathod@eptl.in</p>		

21. No counter conditions other than mentioned in the tender will be considered, and if given they will have to be withdrawn before opening of the price-bid.

22. The SBI reserve their rights to accept or reject any or all the tenders, either in whole or in part without assigning any reason(s) for doing so and no claim / correspondence shall be entertained in this regard.

23. Tenders received without EMD shall be summarily rejected

24. In case the date of opening of tenders is declared as a holiday, the tenders will be opened on the next working day at the same time.

Yours Faithfully,

On behalf State Bank of India
For M/S. ARCHITECTS APPROACH

Mr. Ramesh Shenoy
Architect & Interior Designer

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SECTION – 1

INSTRUCTIONS TO THE TENDERERS

1.0 Scope of work

Tenders are invited by M/s. Architects Approach, Mumbai for and on behalf of SBI for Design, Supply, Installation, testing and commissioning of 1 No of 10 Passenger Lift (G + 3F) at State Bank of India, Commercial Branch Mumbai, Fort, Mumbai-400001

Detailed Scope of Work shall be referred by the Contractor as per “Technical Specification for Gearless Passenger Lift “mentioned in the tender, Clause 1.0 of SCC and Annexure-10.

1. Site and its location

The proposed work is to be carried out at **Commercial Branch Mumbai, Fort, Mumbai** for State Bank of India.

2.0 Tender documents

2.1 The work has to be carried out strictly according to the conditions stipulated in the tender consisting of the following documents and the most workmen like manner.

Instructions to tenderers

General conditions of Contract

Special conditions of Contract

Additional specifications

Drawings

Price bid A

2.2 The above documents shall be taken as complementary and mutually explanatory of one another but in case of ambiguities or discrepancies, shall take precedence in the order given below;

- a) Price Bid
- b) Technical specifications
- c) Drawings
- d) Special conditions of contract
- f) General conditions of contract
- g) Instructions to Tenderers

2.3 Complete set of tender documents including relative drawings can be downloaded from the Bank's website **BANK.SBI** (www.sbi.co.in) under <Link>procurement news as per schedule furnished in the NIT.



2.4 The tender documents are not transferable.

3.0 Site Visit

3.1 The tenderer must obtain himself on his own responsibility and his own expenses all information and data that may be required for the purpose of filling this tender document and enter into a contract for the satisfactory performance of the work. The tenderer is requested satisfy himself regarding the availability of water, power, transport and communication facilities, the character quality and quantity of the materials, labour, the law and order situation, climatic conditions local authorities requirement, traffic regulations etc.

The tenderer will be fully responsible for considering the financial effect of any or all the factors while submitting his tender.

4.0 Earnest Money

4.1 The tenderers are requested to submit the Earnest Money of **Rs.16,000/- (Rupees Sixteen Thousand Only)** by means of Demand Draft / Pay Order (Valid for a period of 90 Days from the last date of submission of the tender) from any Scheduled Bank drawn in favour of SBI and payable at Mumbai.

4.2 EMD in any other form other than as specified above will not be accepted. Tender not accompanied by the EMD in accordance with clause 4.1 above shall be rejected.

4.3 No interest will be paid on the EMD.

4.4 EMD of unsuccessful tenderer will be refunded within 30 days of award of Contract.

4.5 EMD of successful tenderer will be retained as a part of security deposit.

5.0 Initial/ Security Deposit

The successful tenderer will have to submit a sum equivalent to 2% of accepted tender value less EMD by means of DD drawn in favour of SBI payable at Mumbai within a period of 10 days from the date of receipt of Letter of Intent (LOI)/Work Order from SBI.

No interest shall be paid to the amount retained by the SBI as Security Deposit.

6.0 Signing of contract Documents

The successful tenderer shall be bound to implement the contract by signing an agreement and conditions of contract with the respective Circles (LHOs) of SBI within 15 days from the receipt of intimation of acceptance of the tender by the SBI. However, the written acceptance of the tenders by the Bank will constitute a binding agreement between the Bank and successful tenderer whether such formal agreement is subsequently entered into or not.

7.0 Completion Period

Time is essence of the contract. The work should be completed in all respect accordance with the terms of contract within a period of **24 Weeks** from the date of award of work.

Complete work of both the sites shall be completed within Twenty Four (24) Weeks from the date of issue of Letter of Intent / Work order as per the following Schedule.

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Sr. No	Activity	Tentative Time in weeks	Remarks
(a)	Date of Commencement	1st	Date of receipt of work order. Which shall be maximum 7 days from the date of issue of work order letter considering fair and reasonable time by post.
(b)	Submission of layout drawing for all elevators	2nd	Weeks from date of commencement.
(c)	Approval of layout drawings by Architect / SBI	3rd	Week from date of commencement.
(d)	Delivery of materials at site for A Wing 1 st and B wing 3 rd Lifts	8th	Week from date of commencement
	Delivery of materials at site for A Wing 2nd and B wing 4th Lifts	14th	Week from date of commencement
(e)	Installation, testing & commissioning and handing over with operating license		
i)	A wing 1 st &B Wing 3 rd Lift installation of passenger lifts	16th	Weeks from date of commencement.
ii)	A wing 2 nd &B Wing 4 th Lift installation) of passenger lifts	24th	Weeks from date of commencement.
	Total Completion Period in weeks	24	Weeks from date of commencement.

8.0 Validity of Tender :

Tenders shall remain valid and open for acceptance for a period of 90 days from the date of opening price bid. If the tenderer withdraws his/her offer during the value period or makes modifications in his/her original offer which are not acceptable to Bank without prejudice to any other right or remedy the Bank shall be at liberty forfeit the EMD.

9.0 Liquidated Damages

The liquidated damages on account of delay shall be 0.50% of Cumulative Awarded value per week subject to a maximum of 5% of Cumulative awarded contract value or actual Invoice Value.

10.0 Rate and prices:

10.1 In case of item rate tender

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10.1.1 The tenderers shall quote their rates for individual items both in words and figure. In case of discrepancy between the rate quoted in words and figures, the unit rate quantity in words will prevail. The amount of each item shall be calculated and the requisite total is given. In case of discrepancy between the unit rate and the total amount calculated from multiplication of unit rate and the quantity the unit rate quoted will govern and the amount will be corrected.

If no rate is quoted for one or more tender items, such tenders shall be treated as Non-Responsive Tenders and the same shall be summarily rejected.

10.1.2 The tenderers should not change the units as specified in the tender. If any unit is changed the tenders would be evaluated as per the original unit and the Contractor/ Vendor would be paid accordingly.

1.1.3 The tenderer should not change or modify or delete the description of the item. If any discrepancy is observed he should immediately bring to the knowledge of the **SBI**.

11.1.4 Each page of the BOQ shall be signed by the authorized person and cutting or overwriting shall be duly attested by him.

11.1.5 Each page shall be totaled and the grand total shall be given.

11.1.6 The rate quoted shall be firm and shall include all costs, allowances, taxes, levies during the currency of contract including authorized extension, if any, but excluding GST, which shall be mentioned in the bills/invoices separately, as applicable.

11.1.7 The SBI reserve their rights to accept any tenders, either in whole or in part or may entrust the work in phases or may drop the part scope of work at any stage of the project within its sole discretion without assigning any reason(s) for doing so and no claim / correspondence shall be entertained in this regard.

11.1.8 In case, it is decided by the SBI to drop one or more Items from the scope of work at any stage of the project, the Contractor/ Vendor shall not be entitled to raise any claim /compensation for such deleted scope of work. Also, the SBI may consider issuing work order for various branches/offices in phases but within a reasonable time interval and the Contractor/ Vendor shall be bound to execute the same within the stipulated time period and as per rates quoted by them in this tender without any claim for price escalation.

**(Annexure I)****LETTER OF UNDERTAKING**

(The bidders are required to print this on their company's letter head and sign, stamp before emailing)

To,
Asstt. General Manager(P&E)
State Bank India,
Premises & Estate Department,
Local Head Office,3rd Floor,
C-6, G-Block, SynergyBuilding,
Bandra-Kurla Complex, Bandra (East)
Mumbai-400 0 051

Dear Sir,

Having examined the drawings, specification, design and schedule of quantities relating to the works specified in the memorandum hereinafter set out and having visited and examined the site of the works specified in the said memorandum and having acquired the requisite information relating thereto as affecting the tender, I/We hereby offer to execute the works specified in the said memorandum at the rates mentioned in the attached Schedule of Quantities and in accordance in all respects with the specifications, design, drawings and instructions in writing referred to in conditions of tender, the Articles of Agreement, Special Conditions, Schedule of Quantities and Conditions of Contract and with such materials as are provided for by, and in all other respects in accordance with such conditions so far as they may be applicable.

MEMORANDUM

(a)	Description of work	Tender for Design, Supply, Installation, testing and commissioning of 1 Nos of 10 Passenger Lift (G + 3F) at State Bank of India, Commercial Branch, Fort, Mumbai-400001..
(b)	Earnest Money	Rs.16,000/- (Rupees Sixteen Thousand Only) by means of Demand Draft / Pay Order (Valid for a period of 90 Days from the last date of submission of the tender) from any scheduled Nationalized Bank drawn in favour of SBI and payable in Mumbai.
(c)	Time allowed for completion of the Works from Seven day after the date of written Order or date of handing over of the site (Whichever is later) to commence the work	24 weeks as per Schedule of completion period

- 1) Should this tender be accepted, I/we hereby agree to abide by and fulfill the terms and provisions of the said conditions of contract annexed hereto so far as may be applicable or in default thereof to forfeit and pay to SBIIM, the amount mentioned in the said contract.

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- 2) I / We have deposited a sum of **Rs.16,000/- (Rupees Sixteen Thousand Only)** of the total tender amount as Earnest Money with the SBI which amount is not to bear any interest. Should I / We fail to execute the Contract when called upon to do so I / We do hereby agree that this sum shall be forfeited by me/us to SBI.
- 3) I/ We understand that as per terms of this tender, the SBI may consider accepting our tender in part or whole or may entrust the various work proposed in phases. We, therefore, undertake that we shall not raise any claim/ compensation in the eventuality of Bank deciding to drop any of the work from the scope of work of this tender at any stage during the contract period. Further, we also undertake to execute the work entrusted to us in phases on our approved rates and within stipulated time limit without any extra claim for price escalation as also provided for in the clause 11.1.6 "Instructions to Tenderers" of this tender.
- 4) I/ We, hereby, also undertake that, we will not raise any claim for any escalation in the prices of any of the material during the currency of contract/execution/completion period including authorized extended contract period, if any.
- 5) Our Bankers are:
- i)
 - ii)
- The names of partners of our firm are:
- i)
 - ii)

Name of the partner of the firm Authorized to sign

Or

Name of person having Power of Attorney to sign the Contract.
(Certified true copy of the Power of Attorney should be attached)

Yours faithfully,

Signature of Contractors

Signature and addresses of Witnesses

i)

ii)

(A) Contact Information

E-Procurement Technologies Ltd.	State Bank of India
<p>B-704, Wall Street - II, Opp. Orient Club, Nr. Gujarat College, Ahmedabad - 380 006. Gujarat State, India</p> <p>Tel.: +91 79 61200 579 580 567 569 566</p>	<p>Assistant General Manager(P&E) State Bank of India, Local Head Office, Bandra Kurla Complex, Bandra(E), Mumbai-400051.</p> <p>Officer Name : Y Sivakumar Department : P&E Contact No : 022 26445659 E-mail : sivakumar.y@sbi.co.in</p>



GENERAL CONDITIONS OF CONTRACT

1.0 **Définitions:** -

“Contract means the documents forming the tender and the acceptance thereof and the formal agreement executed between SBI and the contractor, together with the documents referred there in including these conditions, the specifications, designs, drawings and instructions issued from time to time by the Architects/ Bank and all these documents taken together shall be deemed to form one contract and shall be complementary to one another.

1.1 In the contract the following expressions shall, unless the context otherwise requires, have the meaning hereby respectively assigned to them.

1.1.1 ‘SBI ’ shall mean State Bank of India, Premises & Estate Department, Local Head Office, Bandra-Kurla Complex, Bandra (E), Mumbai 400051 having its Corporate Office, State Bank of India, Corporate Centre, Nariman Point, Mumbai-21 and includes the client’s representatives, successors and assigns.

1.1.2 ‘Site Engineer’ shall mean an Engineer appointed by the SBI at site as their representative for day-to-day supervision of work and to give instructions to the contractors.

1.1.3 ‘The Contractor’ shall mean the individual or firm or company whether incorporate not, undertaking the works and shall include legal personal representative of individual or the composing the firm or company and the permitted assignees of individual or firms of company.

The expression ‘works’ or ‘work’ shall mean the permanent or temporary work description in the “Scope of work” and / or to be executed in accordance with the contract includes materials, apparatus, equipment, temporary supports, fittings and things of kinds to be provided, the obligations of the contractor hereunder and work to be done by the contractor under the contract.

5. ‘Engineer’ shall mean the representative of the Architect/consultant.

6. ‘Drawings’ shall mean the drawings prepared by the Architects and issued by the Engineer and referred to in the specifications and any modifications of such drawings as may be issued by the Engineer from time to time ‘Contract value shall mean value of the entire work as stipulated in the letter of acceptance of tender subject such additions there to or deductions there from as may be made under the provide herein after contained.

7. ‘Specifications’ shall mean the specifications referred to in the tender and modifications thereof as may time to time be furnished or approved by the Architect/ Consultant.

8. “Month” means calendar month.

1.1.9 “Week” means seven consecutive days.

1.1.10 “Day” means a calendar day beginning and ending at 00 Hrs. and 24 Hrs. respectively.

11. “SBI ’s Engineer” shall mean the Civil / Electrical Engineer in - charge of the Project, as nominated by the AGM(P&E)

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12. The following shall constitute the Joint Project Committee (herein under referred to as JPC) for assessing and reviewing the progress of the work on the project and to issue instructions or directions from time to time for being observed and followed by the Architects Site Engineer /PMC and other consultants / contractors engaged in the execution of the project.
- i) AGM(P&E)
 - ii) SBI Engineer (Civil / Electrical)
 - iii) Concerned partner / proprietor of the Architects and their Resident Architect Member.

CLAUSE

1.0 Total Security Deposit

Total Security deposit comprise of

Earnest Money Deposit

Initial security deposit

Retention Money

a) **Earnest Money Deposit -**

The tenderer shall furnish EMD of **Rs.16,000/- (Rupees Sixteen Thousand Only)** in the form of Demand Draft or Banker's Cheque drawn in favour of State Bank of India on any Scheduled Bank. No tender shall be considered unless the EMD is so deposited in the required form. No interest shall be paid on this EMD. The EMD of the unsuccessful tenderer shall be refunded soon after the decision to award the contract is taken without interest.

The EMD shall stand absolutely forfeited if the tenderer revokes his tender at any time the period when he is required to keep his tender open acceptance by the SBI or after it is accepted by the SBI the contractor fails to enter into a formal agreement or fails to pay the initial security deposit as stipulated or fails to commence the work within the stipulated time. EMD of successful tenderer shall also be refunded on receipt of ISD.

b) **Initial Security Deposit (ISD)**

The amount of ISD shall be 2% of accepted value of tender in the form of DD/FDR drawn on any scheduled Bank and shall be deposited within 15 days from the date of acceptance of tender.

No interest shall be paid to the amount retained by the Bank as Security Deposit.

c) **Retention Money: -**

Besides the SD as deposited by the contractor in the above said manner, the Retention money shall be deducted from the running account bill at the rate of 10% of the gross value of work done by the contractor and claimed in each bill provided the total security deposit i.e. ISD plus EMD plus Retention Money shall both together not exceed 5% of the contract value. The 50% of the total security deposit shall be

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refunded to the contractor without any interest on issue of Virtual Completion certificate by the Architect/consultant. The balance 50% of the total security deposit shall be refunded to the contractors without interest within fifteen days after the end of defects liability period provided the contractor has satisfactorily attended to all defects, if any, in accordance with the conditions of contract including site clearance.

2.0 Language

The language in which the contract documents shall be drawn shall be in English.

3.0 Errors, omissions and discrepancies

In case of errors, omissions and/ or disagreement between written and scaled dimensions on the drawings or between the drawings and specifications etc., the following order shall apply.

- i) Between scaled and written dimension (or description) on a drawing, the latter shall be adopted.
- ii) Between the written or shown description or dimensions in the drawings and the corresponding one in the specification the former shall be taken as correct.
- iii) Between written description of the item in the specifications and descriptions in bills of quantities of the same item, the former shall be adopted:
 - a) In case of difference between rates written in figures and words, the rate in words shall prevail.
 - b) Between the duplicate / subsequent copies of the tender, the original tender shall be taken as correct.

4.0 Scope of Work:

The contractor shall carryout complete and maintain the said work in every respect strictly accordance with this contract and with the directions of and to the satisfaction Bank to be communicated through the Architect/consultant. The Architect/consultant at the directions of the SBI from time to time issue further drawings and / or write instructions, details directions and explanations which are here after collectively references to as Architect's /consultant's instructions in regard to the variation or modification of the design, quality or quantity of any work or the addition or omission or substitution work. Any discrepancy in the drawings or between BOQ and / or drawings and / or specifications. The removal from the site of any material brought thereon by the Contractor and any substitution of any other materials therefore the removal and / or re-executed of any work executed by him. The dismissal from the work of any person engaged there upon.

5.0 i) Letter of Acceptance:

Within the validity period of the tender the SBI shall issue a letter of acceptance directly or through the Architect by registered post or otherwise depositing at the of the contractor as given in the tender to enter into a Contract for the execution of the work as per the terms of the tender. The letter of acceptance shall constitute a binding contract between the contractor.

ii) Contract Agreement:

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On receipt of intimation of the acceptance of tender from the SBI / Architect, the successful tenderer shall be bound to implement the contract and within fifteen days there of shall sign an agreement in a non-judicial stamp paper of appropriate value.

6.0 Ownership of drawings:

All drawings, specifications and copies thereof furnished by the SBI through its Architect / consultants are the properties of the SBI. They are not to be used on other work.

7.0 Detailed drawings and instructions:

The SBI through its Architects / consultants shall furnish with reasonable proper additional instructions by means of drawings or otherwise necessary for the execution of the work. All such drawings and instructions shall be consistent with contract documents, true developments thereof and reasonably inferable there.

The work shall be executed in conformity therewith and the contractor prepare a detailed programme schedule indicating therein the date of start and completion of various activities on receipt of the work order and submit the same to the SBI through the Architect/consultant

7.1 Copies of agreement

Two copies of agreement duly signed by both the parties with the drawings shall be handed over to the contractors.

8.0 Liquidated damages:

If the contractor fails to maintain the required progress in terms of clause 28/29 of GCC or to complete the work and clear the site including vacating their office on or before the contracted or extended date or completion, without justification in support of the cause of delay, he may be called upon without prejudice to any other right of remedy available under the law to the SBI on account of such breach to pay a liquidated damage at the rate of 0.50% of the contract value which subject to a maximum of 5% of the contract value.

9.0 Materials, Appliances and Employees

Unless or otherwise specified the contractor shall provide and pay for all materials, labour, water, power, tools, equipment transportation and any other facilities that are required for the satisfactory execution and completion of the work. Unless or otherwise specified all materials shall be new and both workmanship and materials shall be best quality. The contractor shall at all times enforce strict discipline and good order among his employees and shall not employ on the work any unfit person or anyone not skilled in the work assigned to him. Workman whose work or behavior is found to be unsatisfactory by the SBI /ARCHITECT/ consultant he shall be removed from the site immediately.

10.0 Permits, Laws and Regulations:

Permits and licenses required for the execution of the work shall be obtained by the contractor at his own expenses. The contractor shall give notices and comply with the regulations, laws, and ordinances rules, applicable to the contract. If the contractor observes any discrepancy between the drawings and specifications, he

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shall promptly notify the SBI in writing under intimation of the Architect/ Consultant. If the contractor performs any act, which is against the law, rules and regulations he shall meet all the costs arising there from and shall indemnify the SBI any legal actions arising there from.

11.0 Setting out Work:

The contractor shall set out the work and shall be responsible for the true and perfect setting out of the same and for the correctness of the positions, levels, dimensions, and alignment of all parts thereof and get it approved by the Architect / consultant before proceeding with the work. If at any time any error in this respect shall appear during the progress of the works, irrespective of the fact that the layout had been approved by, the Architect / consultant the contractor shall be responsible for the same and shall his own expenses rectify such error, if so, required to satisfaction of the SBI

12.0 Protection of works and property:

The contractor shall continuously maintain adequate protection. of all his work from damage and shall protect the SBI's properties from injury or loss arising in connection with contract. He shall make good any such damage, injury, loss, except due to causes beyond his control and due to his fault or negligence.

He shall take adequate care and steps for protection of the adjacent properties. The contractor shall take all precautions for safety and protections of his employees on the works and shall comply with all applicable provisions of Govt. and local bodies' safety laws and building codes to prevent accidents, or injuries to persons or property on about or adjacent to his place of work. The contractor shall take insurance covers as per clause 24.0 at his own cost. The policy may be taken in joint names of the contractor and the SBI and the original policy may be lodged with the SBI

13.0 Inspection of work:

The SBI / Architect / Consultant or their representatives shall at all reasonable times have free access to the work site and / or to the workshop, factories, or other places where materials are lying or from where they are obtained and the contractor shall give every facility to the SBI /Architect/consultant and their representatives necessary for inspection and examination and test of the materials and workmanship. No person unless authorized by the SBI / Architect /Consultant except the representative of Public authorities shall be allowed on the work at any time. The proposed work either during its construction stage or its completion can also be inspected by the Chief Technical Examiner's Organization a wing of Central Vigilance commission.

14.0 Assignment and subletting

The whole of work included in the contract shall be executed the contractor and he shall not directly entrust and engage or indirectly transfer, assign or underlet the contract or any part or share there of or interest therein without the written consent of the SBI through the Architect and no undertaking shall relieve the contractor from the responsibility of the contractor from active & superintendence of the work during its progress.

15.0 Quality of materials, workmanship & Test



All materials and workmanship shall be best of the respective kinds described in the contract and in accordance with Architect/consultant instructions and shall be subject from time to time to such tests as the Architect/consultant may direct at the place of manufacture or fabrication or on the site or an approved testing laboratory. The contractor shall provide such assistance, instruments, machinery, labor, and materials as are normally required for examining measuring sampling and testing any material or part of work before incorporation in the work for testing as may be selected and required by the Architect/consultant.

ii) **Samples**

All samples of adequate numbers, size, shades & pattern as per specifications shall be supplied by the contractor without any extra charges. If certain items proposed to be used are of such nature that samples cannot be presented or prepared at the site detailed literature / test certificate of the same shall be provided to the satisfaction of the Architect/consultant. Before submitting the sample / literature the contractor shall satisfy himself that the material / equipment for which he is submitting the sample / literature meet with the requirement of tender specification. Only when the samples are approved in writing by the Architect / consultant the contractor shall proceed with the procurement and installation of the particular material / equipment. The approved samples shall be the signed by the Architect / Consultant for identification and shall be kept on record at site office until the completion of the work for inspection / comparison at any time. The Architect/Consultant shall take reasonable time to approve the sample. Any delay that might occur in approving the samples for reasons of its not meeting the specifications or other discrepancies inadequacy in furnishing samples of best qualities from various manufacturers and such other aspects causing delay on the approval of the materials / equipment etc. shall be to the account of the contractor.

iii) **Cost of tests**

The cost of making any test shall be borne by the contractor if such test is intended by or provided for in the specification or BOQ.

iv) **Costs of tests not provided for**

If any test is ordered by the Architect / Consultant which is either

- a) If so intended by or provided for or (in the cases above mentioned) is not so particularized, or though so intended or provided for but ordered by the Architect / Consultant to be carried out by an independent person at any place other than the site or the place of manufacture or fabrication of the materials tested or any Government / approved laboratory, then the cost of such test shall be borne by the contractor.

16.0 **Obtaining information related to execution of work**

No claim by the contractor for additional payment shall be entertained which is consequent upon failure on his part to obtain correct information as to any matter affecting the execution of the work nor any misunderstanding or the obtaining incorrect information or the failure to obtain correct information relieve him from any risks or from the entire responsibility for the fulfillment of contract.

17.0 **Contractor's Superintendence**

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The contractor shall give necessary personal superintendence during the execution the works and as long, thereafter, as the Architect / Consultant may consider necessary until the expiry of the defects liability period, stated here to.

18.0 Quantities

- i) The bill of quantities (BOQ) unless or otherwise stated shall be deemed to have been prepared in accordance with the Indian Standard Method of Measurements and quantities. The rate quoted shall remain valid for variation of quantity against individual item to any extent. The entire amount paid under Clause 19, 20 hereof as well as amounts of prime cost and provision sums, if any, shall be excluded.

19.0 Works to be measured

The Architect/Consultant may from time to time intimate to the contractor that he requires the work to be measured and the contractor shall forthwith attend or send a representative to assist the Architect in taking such measurements and calculation and to furnish all particulars or to give all assistance required by any of them. Such measurements shall be taken in accordance with the Mode of measurements detail in the specifications. The representative of the Architect / Consultant shall take measurements with the contractor's representative and the measurements shall be entered in the measurement book. The contractor or his authorized representative shall sign all the pages of the measurement book in which the measurements have been recorded in token of his acceptance. All the corrections shall be duly attested by both representatives. No over writings shall be made in the Measurement Book (M.B.) Should the contractor not attend or neglect or omit to depute his representative to take measurements, the measurements recorded by the representative of the Architect / consultant shall be final. All authorized extra work, omissions and all variations made shall be included such measurement.

20.0 Variations

No alteration, omission or variation ordered in writing by the Architect / consultant vitiates the contract. In case the SBI / Architect / Consultant thinks proper at any during the progress of works to make any alteration in, or additions to or omission from the works or any. alteration in the kind or quality of the materials to be used therein, the Architect / Consultant shall give notice thereof in writing to the contractor shall confirm in writing within seven days of giving such oral instructions the contract shall alter to, add to, or omit from as the case may be in accordance with such but the contractor shall not do any work extra to or make any alterations or additions to or omissions from the works or any deviation from any of the provisions of the contract, stipulations, specifications or contract drawings without previous consent in writing of the Architect/ Consultant and the value of such extras, alterations, additions or omissions shall in all cases be determined by the Architect / Consultant and the same shall be added to or deducted from the contract value, as the case may be.

21.0 Valuation of Variations

No claim for an extra shall be allowed unless it shall have been executed under the authority of the Architect / Consultant with the concurrence of the SBI as herein mentioned. Any such extra is herein referred to as authorized extra and shall be made in accordance with the following provisions.



- a) (i) The net rates or prices in the contract shall determine the valuation of the extra work where such extra work is of similar character and executed under similar conditions as the work priced herein.
- (ii) Rates for all items, wherever possible should be derived out of the rates given in the priced BOQ.
- b) The net prices of the original tender shall determine the value of the items omitted, provided if omissions do not vary the conditions under which any remaining items of Works are carried out, otherwise the prices for the same shall be valued under sub-Clause 'c' hereunder.
- c) Where the extra works are not of similar character and/or executed under similar conditions as aforesaid or where the omissions vary the conditions under which any remaining items or works are carried out, then the contractor shall within 7 days of the receipt of the letter of acceptance inform the Architect/ consultant of the rate which he intends to charge for such items of work, duly supported by analysis of the rate or rates claimed and the Architect/ consultant shall fix such rate or prices as in the circumstances in his opinion are reasonable and proper, based on the market rate.
- d) Where extra work cannot be properly measured or valued the contractor shall be allowed day work prices at the net rates stated in the tender, of the BOQ or, if not, so stated then in accordance with the local day work rates and wages for the district; provided that in either case, vouchers specifying the daily time (and if required by the Architect/Consultant) the workman's name and materials employed be delivered for verifications to the Architect /consultant at or before the end of the week following that in which the work has been executed.
- e) It is further clarified that for all such authorized extra items where rates cannot be derived from the tender, the Contractor shall submit rates duly supported by rate analysis worked on the 'market rate basis for material, labour hire / running charges of equipment and wastages etc. plus 15% towards establishment charges, contractor's overheads and profit. Such items shall, not be eligible for escalation.

22.0 Final measurement

The measurement and valuation in respect of the contract shall be completed within two months of the virtual completion of the work.

23.0 Virtual Completion Certificate (VCC)

On successful completion of entire works covered by the contract to the full satisfaction of the SBI, the contractor shall ensure that the following works have been completed the satisfaction of the SBI:

- a) Clear the site of all scaffolding, wiring, pipes, surplus materials, contractor's labour equipment and machinery.
- b) Demolish, dismantle and remove the contractor's site office, temporary works, structure including labour sheds/camps and constructions and other items and things whatsoever brought upon or erected at the site or any land allotted to the contractor by the SBI not incorporated in the permanent works.



- c) Remove all rubbish, debris etc. from the site and the land allotted to the contractor the SBI and shall clear, level and dress, compact the site as required by the SBI
- d) Shall put the SBI in undisputed custody and possession of the site and all land allot by the SBI
- e) Shall hand over the work in a peaceful manner to the SBI
- f) All defects / imperfections have been attended and rectified as pointed out by the Architects to the full satisfaction of SBI

Upon the satisfactory fulfillment by the contractor as stated above, the contractor is entitled to apply to the Architect / consultant is satisfied of the completion of work. Relative to which the completion certificate has been sought, the Architect/ consultant shall within fourteen (14) days of the receipt of the application for completion certificate, issue a VCC in respect of the work for which the VCC has applied.

This issuance of a VCC shall not be without prejudice to the SBI's rights and contractor liabilities under the contract including the contractor's liability for defects liability nor shall the issuance of VCC in respect of the works or work at any site be construction as a waiver of any right or claim of the SBI against the contractor in respect of or work at the site and in respect of which the VCC has been issued.

24.0 **Work by other agencies**

The SBI / Architect / consultant reserves the rights to use premises and any portion the site for execution of any work not included in the scope of this contract which it may desire to have carried out by other persons simultaneously and the contractor shall not only allow but also extend reasonable facilities for the execution of such work. The contractor however shall not be required to provide any plant or material for the execution of such work except by special arrangement with the SBI. Such work shall be carried out in such manner as not to impede the progress of the works included in the contract.

24.1 SECURITY DEPOSIT AND PERFORMANCE BANK GUARANTEE

24.1.1 Security Deposit:

Immediately after the award of work the Contract, the successful Contractor shall submit an unconditional & irrevocable bank guarantee from any Nationalized/Scheduled bank in favor of "SBI" payable at "Mumbai" for amount equivalent to 10% of contract value in the prescribed format provided in Annexure-5 for the due fulfillment of the contract within period of 14 Days. The DD towards earnest money deposit furnished at the time of submission of tender will be returned thereafter. This Bank Guarantee towards security deposit shall be kept valid (renewed as necessary) for the contract completion period up to the date of handing over of the lift installation and a further period of two years thereafter i.e. one year for defect liability period and first year of AMC. In case successful bidder fails to deposit such security deposit within the period specified or any reasonable timeline not exceeding 3 days the SBI reserve the right to cancel the tender and forfeit the EMD.

24.1.2 Performance Bank Guarantee

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The successful Contractor/bidder shall submit an unconditional Bank Guarantee for 10 % of the prevailing AMC value for a period of 12 months before the commencement of the AMC contract, and will ensure its periodical renewal well in advance for fresh Bank Guarantee of required amount year after year for due fulfillment of the terms and obligations of the annual maintenance contract for the AMC period of lift in the tender.

All compensation or other sums of money payable by the Contractor to the Employer/Bank/SBI under the terms of this Contract may be deducted from the security deposit/Performance Bank Guarantee, if the amount so permits unless the contractor deposits such amounts in cash within ten days of issue of demand notice by SBI .

24.1.3 Free Maintenance Periods

Quoted rates shall be deemed to be inclusive of, **free comprehensive maintenance (including spares) of Lifts for a period of One year** from the accepted date of completion of the contract.

AMC rates post this period have been asked for & shall be quoted in the priced BOQ. Such AMC terms of payment would be quarterly payment on completion of each quarter and final bill for the last quarter would be made post adjustment of any deductions.

24.1.4 TERMS OF PAYMENT

The payment for the works to be executed under this contract shall be made as follows:

a) First Stage Payment

70% of the quoted rate per lift against submission of the following:

- i) Unconditional Order Acceptance.
- ii) Bank Guarantee towards Security Deposit (10 % of Contract Amount)
- iii) Manufacturer's Inspection and Test Certificates.
- iv) Delivery of material at site and Consultant's Certificate that all components, parts, sub systems, consumables etc. for successful installation, testing and commissioning of the systems including materials have been received at site in good condition and if any shortfall is noticed during installation, testing and commissioning they will be supplied without any additional charge to the SBI
- v) Policies of insurance (CAR policy) covering all the risks during transit, storage, installation, testing, commissioning and handing over including third party liabilities.

b) Second Stage Payment

20% of the quoted rate pro rata against erection, testing and commissioning.

c) Final Stage Payment



10% payment shall be released on the vendor's complying with the technical observations of the Competent State Licensing / inspecting authority and submitting copy of license/ statutory permissions.

Payment for AMC shall be released quarterly by SBI at the end of each quarter on submission of monthly work done certificates by the Contractor.

24.1.5 TAXES/DUTIES

The rates quoted shall inclusive of all levies/Duties/taxes/ Charges etc but **excluding GST which will be payable extra as applicable.**

24.1.6 TAX DEDUCTION AT SOURCE

Income tax to be deducted at source shall be deducted from your running account bills as per statutory requirements.

It is specific requirement that the Contractor/supplier shall be registered with State Sales Tax Authorities, PF commissioner, Labour Deptt. Etc. and shall submit a certified copy of same to SBI /SBI.

24.1.7 RIGHT OF TECHNICAL SCRUTINY OF FINAL BILL

The SBI / Employer / Consultant shall have a right to cause a technical examination of the works and the final bill of the Contractor including all supporting vouchers, abstracts etc. to be made at the time of payment of the final bill. If as a result of this examination or otherwise, any sum is found to have been overpaid or over-certified, it shall be lawful for the SBI / Employer to recover the sum.

24.1.8 SITE VISIT

The bidder at his own responsibility, risk and cost is expected to visit and examine the site of work and its surrounding and obtain all necessary information that may be necessary for preparing the tender bid and entering into a contract.

The bidder shall make all necessary arrangements for the safety of person visiting the site and shall indemnify SBI against any claims arising from such visits.

The bidder shall confirm such visit in the tender bid in which he will bring up the following:

- a) Confirmation of the said site visit
- b) Confirmation that he has understood the entire work
- c) Confirmation that no structural changes would be required
- d) Confirmation that no architectural/civil changes would be required

24.1.9 VARIATIONS / ADDITIONAL / ALTERED / SUBSTITUTED ITEMS

No addition, alteration, omission or variation shall vitiate this contract. In case SBI thinks proper, at any time during the progress of the works, to make any alterations in or omission from the works or any alteration in the kind or quality of the materials to be issued therein, SBI, shall give notice thereof in writing well in advance under his hand to the contractor, the contractor shall alter, add to or omit from, as the case may require, in accordance with such notice. The value of such extra alteration,



addition or omissions shall in all cases be determined by SBI in accordance with the provisions mentioned below hereof and the same shall be added to or deducted from the Contract amount accordingly, there shall be no limit to any such additions, alterations, omissions & variations which can be effected by SBI to complete the work as per SBI's requirements.

If the altered /additional or substituted work required to be executed as per SBI's requirement for any item(s), of which, there are no established rates in Schedule of Items, the same shall be payable as per the provisions stated here under:

- As far as possible rates for such items shall be worked out from agreed Schedule of Items on pro-rata basis.
- In respect of those items, where the basic rate of material is indicated in the description of items, the contractor should quote its rate assuming that indicated basic rate is the prevailing market rate of that particular material. However, such rates would be suitably modified on the basis of actual market rate of the material which shall be procured and provided by the contractor.
- The rate will be modified only by taking into cognizance, the difference in the rate of material as indicated in the item and corresponding market rate of that material including wastage & contractor's profit, whereas all other parameter constituting that rate will remain unchanged.
- If it is not possible to work out such rates, Contractor shall be paid on the basis of labour cost, cost of material used excluding cost of materials being supplied by SBI plus 15% (Fifteen percent) to cover Contractor's profit, supervision, overheads/ establishment, tools, plant, machinery, sundries and contingencies.
- Only GST for work contract shall be paid extra (as per rule) etc.
- SBI's decision regarding labour cost and material cost shall be final and binding on Contractor.

24.1.10 DEFAULT NOTICE AND TERMINATIONNOTICE

- a) **Default Notice** - If an Event of Default occurs, apart from exercising all other rights of the Association under this tender, SBI may give to the Contractor a notice in writing specifying the Event of Default complained of.
- b) **Termination Notice** - If SBI such notice and the Contractor does not cure such Event of Default, if capable of cure or rectification, within thirty (30) days after receipt of such notice, SBI may at its option, in addition to other remedies set forth in this tender or available under law, terminate the contract by written notice to the Contractor.
- c) **Consequences of Termination** - Upon termination of the contract in the manner set out above, the following consequences shall ensure: -
- d) If the Contract is terminated due to default of the Contract, the mobilization advance would be deemed as interest bearing advance at an interest rate of 18% per annum to be compounded quarterly.
- e) The Contractor shall ensure that the Site is safe and remains duly secured till takeover of the Works at Site by another person.
- f) Subject to the above, the Contractor shall cease all further work and remove all personnel and its installation gadgets or tools which may be lying on the



Site.

- g) No further consideration shall be payable to the Contractor. The Contractor shall have no claims whatsoever in respect of any Works already carried out or equipment or materials supplied.
- h) SBI shall be fully and absolutely entitled to all materials and equipment already supplied by the Contractor, whether already installed or not, and shall be free to use or dispose of all such materials and equipment in any manner that it deems fit.
- i) Since the lifts are an essential facility in State Bank Of India's Officers Quarters, Matruchaya Building, Evershine Nagar, Malad (West), Mumbai 400064.), upon termination, would be constrained to appoint another contractor to complete all pending Works and make all Lifts operational at the earliest, and/ or to maintain the operational lifts. The Contractor undertakes to render all reasonable co-operation and provide all documents and information relating to the Lifts and other equipment supplied by it, as may be reasonably required by SBI or such contractor.
- j) The Contractor shall be liable to reimburse to SBI the difference between: (a) all costs and expenses incurred by SBI in causing the pending Works to be carried out and other services including maintenance to be provided by other contractors, and (b) the balance consideration that was to be paid to the Contractor under the contract, within 10 days of receipt of such demand from SBI.
- k) The Contractor shall, in addition to the above, be liable to pay to SBI a sum being equivalent to 5% of Net Amount Payable, within 10 days of termination as and by way of liquidated damages.

25.0 Insurance of works

- 25.1 Without limiting his obligations and responsibilities under the contract the contractor shall insure in the joint names of the SBI / SBI and the contractor against all loss of damages from whatever cause arising other than the excepted risks, for which he is responsible under the terms of contract and in such a manner that the SBI and contractor are covered for the period stipulated vide clause of GCC and are also covered during the period of maintenance for loss or damage arising from a cause, occurring prior to the commencement of the period of maintenance and for any loss or damage occasioned by the contractor in the course of any operations carried out by him for the purpose of complying with his obligations under clause.
- a) The Works for the time being executed to the estimated current Contract value thereof, or such additional sum as may be specified together with the materials for incorporation in the works at their replacement value.
 - b) The constructional plant and other things brought on to the site by the contractor to the replacement value of such constructional plant and other things.
 - c) Such insurance shall be effected with an insurer and in terms approved by the SBI which approval shall not be unreasonably withheld and the contractor shall whenever require produce to the Architect / consultant the policy if insurance and the receipts for payment of the current premiums.

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25.2 Damage to persons and property

The contractor shall, except if and so far as the contract provides otherwise indemnify the SBI against all losses and claims in respect of injuries or damages to any person or material or physical damage to any property whatsoever which may arise out of or in consequence of the execution and maintenance of the works and against all claims proceedings, damages, costs, charges and expenses whatsoever in respect of or in relation thereto except any compensation of damages for or with respect to:

- a) The permanent use or occupation of land by or any part thereof.
- b) The right of SBI to execute the works or any part thereof on, over, under, in or through any lands.
- c) Injuries or damages to persons or properties which are unavoidable result of the execution or maintenance of the works in accordance with the contract
- d) Injuries or damage to persons or property resulting from any act or neglect of the SBI their agents, employees or other contractors not being employed by the contractor or for or in respect of any claims, proceedings, damages, costs, charges and expenses in respect thereof or in relation thereto or where the injury or damage was contributed to by the contractor, his servants or agents such part of the compensation as may be just and equitable having regard to the extent of the responsibility of the SBI , their employees, or agents or other employees, or agents or other contractors for the damage or injury.

25.3 Contractor to indemnify SBI

The contractor shall indemnify the SBI against all claims, proceedings, damages, costs, charges and expenses in respect of the matters referred to in the provision sub-clause 25.2 of this clause.

25.4 Contractor's superintendence

The contractor shall fully indemnify and keep indemnified the SBI/SBI against any action, claim, or proceeding relating to infringement or use of any patent or design or any alleged patent or design rights and shall pay any royalties which may be payable in respect of any article or part thereof included in the contract. In the event of any claim made under or action brought against SBI in respect of such matters as aforesaid the contractor shall be immediately notified thereof and the contractor shall be at liberty, at his own expenses to settle any dispute or to conduct any litigation that may arise there from, provided that the contractor shall not be liable to indemnify the SBI if the infringement of the patent or design or any alleged patent or design right is the direct result of an order passed by the Architect / consultant in this behalf.

25.5 Third Party Insurance

- 25.5.1 Before commencing the execution of the work the contractor but without limiting his obligations and responsibilities under clause 24.0 of GCC shall insure against his liability for any material or physical damage, loss, or injury which may occur to any property including that of SBI , or to any person, including any employee of the SBI , by or arising out of the execution of the works or in the carrying out of the contract, otherwise than due to the matters referred to in the provision to clause 24.0 thereof.

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25.5.2 Minimum amount of Third-Party Insurance

Such insurance shall be effected with an insurer and in terms approved by the SBI which approval shall not be reasonably withheld and for at least the amount stated below. The contractor shall, whenever required, produce to the Architect / consultant the policy or policies of insurance cover and receipts for payment of the current premiums.

- 25.6 The minimum insurance cover for physical property, injury, and death is Rs.5 Lakh per occurrence with the number of occurrences limited to four. After each occurrence contractor will pay additional premium necessary to make insurance valid for four occurrences always.

25.7 Accident or Injury to workman:

- 25.7.1 The SBI shall not be liable for or in respect of any damages or compensation payable at law in respect or in consequence of any accident or injury to any workmen or other person in the employment of the contractor or any sub-contractor, save and except an accident or injury resulting from any act or default of the SBI or their agents, or employees. The contractor shall indemnify and keep indemnified SBI against all such damages and compensation, save and except as aforesaid, and against all claims, proceedings, costs, charges and expenses whatsoever in respect thereof or in relation thereto.

25.7.2 Insurance against accidents etc. to workmen

The contractor shall insure against such liability with an insurer approved by the SBI during the whole of the time that any persons are employed by him on the works and shall, when required, produce to the Architect / consultant such policy of insurance and receipt for payment of the current premium. Provided always that, in respect of any persons employed by any sub-contractor the contractor's obligation to insure as aforesaid under this sub-clause shall be satisfied if the sub-contractor shall have insured against the liability in respect of such persons in such manner that SBI is indemnified under the policy but the contractor shall require such sub-contractor to produce to the Architect / consultant when such policy of insurance and the receipt for the payment of the current premium.

25.7.3 Remedy on contractor's failure to insure

If the contractor fails to effect and keep in force the insurance referred to above or any other insurance which he may be required to effect under the terms of contract, then and in any such case the SBI may effect and keep in force any such insurance and pay such premium or premiums as may be necessary for that purpose and from time to time deduct the amount so paid by the SBI as aforesaid from any amount due or which may become due to the contractor, or recover the same as debt from the contractor.

- 25.7.4 Without prejudice to the others rights of the SBI against contractors. In respect of such default, the employer shall be entitled to deduct from any sums payable to the contractor the amount of any damages costs, charges, and other expenses paid by the SBI and which are payable by the contractors under this clause. The contractor shall upon settlement by the Insurer of any claim made against the insurer pursuant to a policy taken under this clause, proceed with due diligence to rebuild or repair the works destroyed or damaged. In this event all the monies received from the Insurer in

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respect of such damage shall be paid to the contractor and the Contractor shall not be entitled to any further payment in respect of the expenditure incurred for rebuilding or repairing of the materials or goods destroyed or damaged

26.0 Commencement of Works:

The date of commencement of the work will be reckoned as the date, fifteen days from the date of award of letter by the SBI

27.0 Time for completion

Time is essence of the contract and shall be strictly observed by the contractor. The entire work shall be completed within a period of **24 WEEKS** from the date of commencement. If required in the contract or as directed by the Architect / consultant. The contractor shall complete certain portions of work before completion of the entire work. However, the completion date shall be reckoned as the date by which the whole work is completed as per the terms of the contract.

28.0 Extension of time

If, in the opinion of the Architect/consultant, the work be delayed for reasons beyond the control of the contractor, the Architect/consultant may submit a recommendation to the SBI to grant a fair and reasonable extension of time for completion of work as per the terms of contract. If the contractor needs an extension of time for the completion of work or if the completion of work is likely to be delayed for any reasons beyond the due date of completion as stipulated in the contract, the contractor shall apply to the SBI through the Architect' Consultant in writing at least 30 Days before the expiry of the scheduled time and while applying for extension of time he shall furnish the reason in detail and his justification if any', for the delays. The Architect/consultant shall submit their recommendations to the SBI in the prescribed format for granting extension of time. While granting extension of time the contractor shall be informed the period extended time which will qualify for levy of liquidated damages. For the balance period in excess of original stipulated period and duly sanctioned extension of time by the provision of liquidated damages as stated under clause 8.0 shall become applicable. Further the contract shall remain in force even for the period beyond the due date of completion irrespective whether the extension is granted or not.

29. Rate of progress

Whole of the materials, plant and labour to be provided by the contractor and the mode, manner and speed of execution and maintenance of the works are to be of a kind and conducted in a manner to the satisfaction of the Architect / consultant should the rate of progress of the work or any part thereof be at any time be in the opinion the. Architect / consultant too Slow to ensure the completion of the whole of the work the prescribed time or extended time for completion the Architect / consultant shall thereupon take such steps as considered necessary by the Architect / consultant to expedite progress so as to complete the works by the prescribed time or extended time. Such communications from the Architect / consultant neither shall relieve the contractor from fulfilling obligations under the contract nor will he be entitled to raise any claims arising out of such directions.

30.0 Work during nights and holidays

Subject to any provision to the contrary contained in the contract no permanent work shall save as herein provided be carried on during the night or on holidays without the permission in writing of the Architect / consultant, save when the work is

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unavoidable or absolutely necessary for the saving of life or property or for the safety of the work in which case the contractor shall immediately advise the Architect / consultant. However, the provisions of the clause shall not be applicable in the case of any work which becomes essential to carry by rotary or double shifts in order to achieve the progress and quality of the part of the works being technically required / continued with the prior approval of the Architect / consultant at no extra cost to the SBI.

All work at night after obtaining approval from competent authorities shall be carried out without unreasonable noise and disturbance.

31.0 **No compensation or restrictions of work**

If at any time after acceptance of the tender SBI shall decide to abandon or reduce the scope of work for any reason whatsoever and hence not required the whole or any part of the work to be carried out. The Architect / consultant shall give notice in writing that effect to the contractor and the contractor shall act accordingly in the matter. The contractor shall have no claim to any payment of compensation or otherwise what so ever on account of any profit or advantage which he might have derived from the execution of the Work fully but which he did not derive in consequence of the foreclosure of the whole or part of the work.

Provided that the contractor shall be paid the charges on the cartage only of materials actually and bona-fide brought to the site of the work by the contractor and rendered surplus as a result of the abandonment, curtailment of the work or any portion thereof and then taken back by the contractor, provided however that the Architect / Consultant shall have in such cases the option of taking over all or any such materials at their purchase price or a local current rate whichever is less.

“In case of such stores having been issued from SBI stores and returned by the contractor to stores, credit shall be given to him at the rates not exceeding those at which were originally issued to the contractor after taking into consideration and deduction for claims on account of any deterioration or damage while in the custody of the contractor and in this respect the decision of Architect / consultant shall be final.

32.0 **Suspension of work**

- i) The contractor shall, on receipt of the order in writing of the Architect / consultant (whose decision shall be final and binding on the contractor) suspend the progress of works or any part thereof for such time and in such manner as Architect /consultant may consider necessary so as not to cause any damage or injury to the work already done or endanger the safety thereof for any of following reasons:
 - a) On account any default on the part of the contractor, or
 - b) For proper execution of the works or part thereof for reasons other than the default the contractor, or
 - c) For safety of the works or part thereof.

The contractor shall, during such suspension, properly protect and secure the works the extent necessary and carry out the instructions given in that behalf by the Architect / consultant.



- i) If the suspension is ordered for reasons (b) and (c) in sub-para (i) above: The contractor shall be entitled to an extension of time equal to the period of every such suspension. No compensation whatsoever shall be paid on this account.

33 **Action when the whole security deposit is forfeited**

In any case in which under any clause or clauses of this contract, the Contractor shall have rendered himself liable to pay compensation amounting to the whole of his security deposit the Architect / consultant shall have the power to adopt any of the following course as they may deem best suited to the interest of the SBI:

- a) To rescind the contract (of which rescission notice in writing to the contractor by - Architect / consultant shall be conclusive evidence) and in which case the security, deposit of the contractor shall be forfeited and be absolutely at the disposal of SBI
- b) To employ labour paid by the SBI and to supply materials to carry out the work, or part of the work, debiting the contractor with the cost of the labour and materials cost of such labour and materials as worked out by the Architect/consultant shall final and conclusive against the contractor) and crediting him with the value of the work done, in all respects in the same manner and at the same manner and at the same rates as if it had been carried out by the contractor under the terms of this contract certificate of Architect /consultant as to the value of work done shall be final conclusive against the contractor.
- c) To measure up the work of the contractor, and to take such part thereof as shall unexecuted, out of his hands, and to give it to another contractor to complete in which case any expenses which may be incurred in excess of the sum which would have been paid to the original contractor, if the whole work had been executed by him (The amount of which excess the certificates in writing of the Architects / consultant shall final and conclusive) shall be borne by original contractor and may be deducted f any money due to him by SBI under the contract or otherwise, or from his security deposit or the proceeds of sale thereof, or sufficient part thereof.

In the event of any of above courses being adopted by the SBI the contractor shall have no claim to compensation for any loss sustained by him by reasons of his having purchased or procured any material or entered into any engagements or make any advances on account of, or with a view to the execution of the work or the performance of the contract and in case the contract shall be rescind under the provision aforesaid, the contractor shall not be entitled to recover or to be paid any sum or any work thereto for actually performed under this contract, unless, and until the Architect / consultant will have certified in writing the performance of such work and the value payable in respect thereof, and he shall only be entitled to be paid the value so certified.

34.0 **Owner's right to terminate the contract**

If the contractor being an individual or a firm commit any 'Act of insolvency' or shall be adjusted an insolvent or being an incorporated company shall have an order for compulsory winding up voluntarily or subject to the supervision of Govt. and of the

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Official Assignee of the liquidator in such acts of insolvency or winding up shall be unable within seven days after notice to him to do so, to show to the reasonable satisfaction of the Architect / Consultant that he is able to carry out and fulfill the contract, and to dye security therefore if so required by the Architect / Consultant or if the contractor (whether an individual firm or incorporated Company) shall suffer execution to be issued or shall suffer any payment under this contract to be attached by or on behalf of any of the creditors of the contractor.

Or shall assign or sublet this contract without the consent in writing of the SBI through the Architect/Consultant or shall charge or encumber this contract or any payment due to which may become due to the contractor there under:

- a) has abandoned the contract; or
- b) has failed to commence the works, or has without any lawful excuse under these conditions suspended the progress of the works for 14 days after receiving from the SBI through the Architect / consultant written notice to proceed, or
- c) has failed to proceed with the works with such diligence and failed to make such due progress as would enable the works to be completed within the time agreed upon, or
has failed to remove the materials from the site or to pull down and replace work within seven days after written notice from the SBI through the Architect / Consultant that the said materials were condemned and rejected by the Architect/consultant under these conditions; or has neglected or failed persistently to observe and perform all or any of the acts matters or things by this contract to be observed and performed by the contractor for seven days after written notice shall have been given to the contractor to observe or perform the same or has to the detriment of good workmanship or in defiance of the SBI or Architect's / consultant's instructions to the contrary subject any part of the contract. Then and in any of said cases the SBI and or the Architect / consultant, may not withstanding any previous waiver, after giving seven days' notice in writing to the contractor, determine the contract, but without thereby affecting the powers of the SBI or the Architect / consultant or the obligation and liabilities of the contractor the whole of which shall continue in force as fully as if the contract had not been determined and as if the works subsequently had been executed by or on behalf of the contractor. And, further the SBI through the Architect / consultant their agents or employees may enter upon and take possession of the work and all plants, took scaffoldings, materials, sheds, machineries lying upon the premises or on the adjoining lands or roads use the same by means of their own employees or workmen in carrying on and completing the work or by engaging any other contractors or persons to the work and the contractor shall not in any was interrupt or do any act, matter or thing to prevent or hinder such other contractor or other persons employed for complement and finishing or using the materials and plant for the works.

When the works shall be completed or as soon thereafter as convenient the SBI or Architect / consultant shall give a notice in writing to the contractor to remove his surplus materials and plants and should the contractor fail to do so within 14 days after receive thereof by him the SBI sell the same by publication, and after due publication, and shall, adjust the amount realized by such auction. The contractor shall have no right to question any of the act of the SBI incidental to the sale of the materials etc.

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35.0 Certificate of payment

The contractor shall be entitled under the certificates to be issued by the Architect / consultant to the contractor within 10 working days from the date of certificate to payment from SBI from time to time. The SBI shall recover the statutory recovering other dues including the retention amount from the certificate of payment.

Provided always that the issue of any certificate by the Architect / consultant during progress of works or completion shall not have effect as certificate of satisfaction relieve the contractor from his liability under clause.

The Architect / consultant shall have power to withhold the certificate if the work or in part thereof is not carried out to their satisfaction.

The Architect / consultant may by any certificate make any corrections required previous certificate.

The SBI shall modify the certificate of payment as issued by the Architect / consultant from time to time while making the payment

The contractor shall submit interim bills only after taking actual measurements and properly recorded in the Measurement Book (M. B.)

The Contractor shall not submit interim bills when the approximate value of work done by him is less than Rs. 20.00 Lakh.

The final bill may be submitted by contractor within a period of one month from the date of virtual completion and Architect / consultant shall issue the certificate of payment within a period of two months. The SBI shall pay the amount within a period of three months from the date of issue of certificate provided there is no dispute in respect of rates and quantities.

The contractor shall submit the interim bills in the prescribed format with all details.

36.0 A. Settlement of Disputes and Arbitration

Except where otherwise provided in the contract all questions and disputes to the meaning of the specifications, design, drawings and instructions herein before mentioned and as to the quality of workmanship or materials used on the work or as to any other question , claim, right, matter or thing whatsoever in any way arising out of or relating to the contract, designs, drawings specifications, estimates, instructions orders or these conditions or otherwise concerning the work or the execution or failure to execute the same whether arising during the progress of the work or after the cancellation, termination, completion or abandonment thereof shall be dealt with as mentioned hereinafter:

- i) If the contractor considers that he is entitled to any extra payment or compensation in respect of the works over and above the amounts admitted as payable by the Architect or in case the contractor wants to dispute the validity of any deductions or recoveries made or proposed to be made from the contract or raise any dispute, the contractor shall forthwith give notice in writing of his claim, or dispute to the DGM & C.D.O and endorse a copy of the same to the Architect, within 30 days from the date of disallowance thereof or the date of deduction or recovery.

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- ii) The said notice shall give full particulars of the claim, grounds on which it is based and detailed calculations of the amount claimed and the contractor shall not be entitled to raise any claim nor shall the Bank be in any way liable in respect of any claim by the contractor unless notice of such claim shall have been given by the contractor to the DGM & C.D.O, Head Office in the manner and within the time as aforesaid. The Contractor shall be deemed to have waived and extinguished all his rights in respect of any claim not notified to the DGM & C.D.O in writing in the manner and within the time aforesaid.

B. Settlement of Disputes and Arbitration

The DGM & C.D.O shall give his decision in writing on the claims notified by the receipt of the contractor may within 30 days of the receipt of the decision of the DGM & C.D.O/ Submit his claims to the conciliating authority namely the AGM(P&E), S.B.I., Premises & Estate Department, L.H.O., Bandra Kurla Complex, Bandra, Mumbai 400051. For conciliation along with all details and copies of correspondence exchanged between him and the AGM (Premises & Estate).

- a. If the conciliation proceedings are terminated without settlement of the disputes, the contractor shall, within a period of 30 days of termination thereof shall give a notice to the concerned the DGM & C.D.O of the SBI for appointment of an arbitrator to adjudicate the notified claims falling which the claims of the contractor shall be deemed to have been considered absolutely barred and waived.
- b. Except where the decision has become final, binding and conclusive in terms of the contract, all disputes or differences arising out of the notified claims of the contractor as aforesaid and all claims of the SBI shall be referred for adjudication through arbitration by the Sole Arbitrator appointed by the DGM & C.D.O and who will be of Deputy General Manager rank. It will also be no objection to any such appointment that the Arbitrator so appointed is a SBI , Officer and that he had to deal with the matters to which the Contract relates in the course of his duties as SBI , Officer. If the arbitrator so appointed is unable or unwilling to act or resigns his appointment or vacates his office due to any reason whatsoever another sole arbitrator shall be appointed in the manner aforesaid by the said the DGM & C.D.O of the SBI. Such person shall be entitled to proceed with the reference from the stage at which it was let by his predecessor.
- c. It is a term of this contract that the party invoking arbitration shall give a list of disputes with amounts claimed in respect of each dispute along with the notice for appointment of arbitrator.
- d. It is also a term of this contract that no person other than a person appointed by such Chief General Manager as aforesaid should act as arbitrator.
- e. The conciliation and arbitration shall be conducted in accordance with the provisions of the Arbitration & Conciliation Act 1996 or any or any accordance modification or reenactment thereof and the rules made there under.
- f. It is also a term of the contract that if any fees are payable to the Arbitrator these shall be paid equally by both the parties. However, no fees will be payable to the arbitrator if he is a SBI Officer.

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- g. It is also a term of the contract that the Arbitrator shall be deemed to have entered on the reference on the date he issues notice to both the parties calling them to submit their statement of claims and counter statement of claims. The venue of the arbitration shall be such place as may be fixed by the arbitrator in his sole discretion. The fees, if any of the arbitrators shall, if required to be paid before the award is made and published, be paid half and half by each of the parties. The Cost of the reference and of the award (including the fees, if any of the arbitrator) shall be in the discretion of the arbitrator who may direct to any by whom and in what manner, such costs or any part thereof, shall be paid and fix or settle the amount of costs to be so paid.

37.0 **Water Supply**

The contractor shall make his own arrangements for water required for the work and nothing extra will be paid for the same. This will be subject to the following condition.

- i) That the water used by the contractor shall be fit for construction purposes to the satisfaction of the Architect / consultant's.
- ii) The contractor shall make alternative arrangements for the supply of water if the arrangement made by the contractor for procurement of water in the opinion of the Architect / consultant is unsatisfactory.

- 37.1 The contractor shall construct temporary well / tube well in SBI land for taking water for construction purposes only after obtaining permission in writing from the SBI. The contractor has to make his own arrangements for drawing and distributing the water at his own cost. He has to make necessary arrangements. To avoid any accidents or damages caused due to construction and subsequent maintenance of the wells. He has to obtain necessary approvals from local authorities, if required, at his own cost. He shall restore the ground to its original condition after wells are dismantled on completion of work or hand over the well to the SBI without any compensation as directed by the Architect / consultant.

38.0 **Power Supply**

The contractor shall make his own arrangements for power and supply / distribution system for driving plant or machinery for the work and for lighting purpose.

39.0 **Treasure Trove etc.**

Any treasure trove, coin or object antique which may be found on the site shall be the property of SBI and shall be handed over to the bank immediately.

40.0 **Method of Measurement**

Unless otherwise mentioned in the schedule of quantities or in mode of measurement, the measurement will be on the net quantities or work produced in accordance with up to date rules laid down by the Bureau of Indian Standards. In the event any dispute / disagreement the decision of the Architect / consultant shall be final and binding on the contractor.

41.0 **Maintenance of Registers**

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The contractor shall maintain the following registers as per the enclosed perform at site of work and should produce the same for inspection of SBI /Architect / consultant whenever desired by them. The contractor shall also maintain the records / registers as required by the local authorities / Govt. from time to time.

- i) Register for secured advance
- ii) Register for hindrance to work
- iii) Register for running account bill
- iv) Register for labour

42.0 Force Majeure

42.1 Neither contractor nor SBI shall be considered in default in performance of the obligations if such performance is prevented or delayed by events such as but not war, hostilities revolution, riots, civil commotion, strikes, lockout, conflagrations, epidemics, accidents, fire, storms, floods, droughts, earthquakes or ordinances or any act of or for any other cause beyond the reasonable control of the party affected or prevents or delayed. However, a notice is required to be given within 30 days from the happening of the event with complete details, to the other party to the contract, if it is not possible to serve a notice, within the shortest possible period without delay.

42.2 As soon as the cause of force majeure has been removed the party whose ability perform its obligations has been affected, shall notify the other of such cessation and the actual delay incurred in such affected activity adducing necessary evidence in support thereof.

42.3 From the date of occurrence of a case of force majeure obligations of the party affected shall be suspended during the continuance of any inability so caused. With the caused itself and inability resulting there from having been removed, the agreed time completion of the respective obligations under this agreement shall stand extended a period equal to the period of delay occasioned by such events.

42.4 Should one or both parties be prevented from fulfilling the contractual obligations by state of force majeure lasting to a period of 6 months or wore the two parties, shall each other to decide regarding the future execution of this agreement.

43.0 Local laws, Acts Regulations:

The contractor shall strictly adhere to all prevailing labour laws inclusive at contract labour (regulation and abolition act of 1970) and other safety regulations. The contractors should comply with the provision of all labour legislation including the latest requirements of the Acts, laws, any other regulations that are applicable to the execution of the project.

- a) Minimum wages Act 1948 (Amended)
- b) Payment of wages Act 1936 (Amended)
- c) Workmen's compensation Act 1923 (Amended)
- d) Contract labour regulation and abolition act 1970 and central rules 1971 (Amended)
- e) Apprentice act 1961 (amended)
- f) Industrial employment (standing order) Act 1946 (Amended)
- g) Personal injuries (Compensation insurance) act 1 963 and any other modifications
- h) Employees' provident fund and miscellaneous provisions Act 1952 and amendment thereof
- i) Shop and establishment act

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- j) Any other act or enactment relating thereto and rules framed there under from time to time.
- k) Prevailing Indian Electricity rules & act.

44.0 Accidents

The contractor shall immediately on occurrence of any accident at or about the site or in connection with the execution of the work report such accident to the Architect / consultant. The contractor shall also such report immediately to the competent authority whenever such report is required to be lodged by the law and take appropriate actions thereof.

45.0 The contractor's shall be bound to comply the following provision in terms of **“Restrictions imposed by the Government of India, Ministry of Finance Department of Expenditure under Rule 144 (XI) of General Financial Rules 2017 vide their order no. F. No 6/18/2019/PPD dated 23rd July 2020”** as under;

- I. Any bidder from a country which shares a land border with India will be eligible to bid in this tender ONLY if the bidder is registered with the Competent Authority (registration committee constituted by the Department for Promotion of Industry and Internal Trade).
- II. 'Bidder' (including the term 'tenderer', 'consultant' or 'service provider' in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial judicial person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in a procurement process.
- III. 'Bidder from a country which shares a land border with India (such a country)' for this purpose means:
 - a. An entity incorporated, established or registered in such a country; or
 - b. A subsidiary of an entity incorporated, established or registered in such a country; or
 - c. An entity substantially controlled through entities incorporated, established or registered in such a country; or
 - d. An entity whose beneficial owner is situated in such a country; or
 - e. An Indian (or other) agent of such an entity; or
 - f. A natural person who is a citizen of such a country; or
 - g. A consortium or joint venture where any member of the consortium or joint venture falls under any of the above
- IV. The beneficial owner for the purpose of (iii) above will be as under:
 - 1. In case of A Company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more judicial person, has a controlling interest or who exercises control through other means.
Explanation-
 - a. "Controlling ownership interest" means ownership of or entitlement to more than twenty-five percent of shares or capital or profits of the company;
 - b. "Control" shall include the right to appoint majority of the directors or to control the management or policy decisions including by virtue of their shareholding or management rights or shareholders agreements or voting agreements;
 - 2. In case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more judicial person, has



- ownership of entitlement to more than fifteen percent of capital or profits of the partnership;
3. In case of an unincorporated association or body of Individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more judicial person, has ownership of or entitlement to more than fifteen percent of the property or the capital or profits of such association or body of individuals;
 4. Where no natural person is identified under (1) or (2) or (3) above, the beneficial owner is the relevant natural person who holds the position of senior managing official;
 5. In case of a trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.
- V. An Agent is a person to do any act for another, or to represent another in dealings with third person.
- VI. The successful bidder shall not be allowed to sub-contract works to any contractor from a country which shares a land border with India unless such contractor is registered with the Competent Authority.
- VII. All bidders need to submit a declaration-cum-certificate (along with evidence) in this regard as per “**Annexure I**”. Failure to submit such valid declaration-cum-Certificate will make the bid liable for rejection.”



SPECIAL CONDITION OF CONTRACT

Scope of work

- 1.0 The scope of work is to carry out the Design, Supply, Installation, testing and commissioning of 1 Nos of 10 Passenger Lift (G+ 3F) at State Bank of India, Commercial Branch Mumbai, Fort, Mumbai..

Contractor's scope of the contract shall comprise of Design, Manufacture, providing equipment's, components, materials, labour, supervisory staff with infrastructure, Tools & Procedures, clean dry and damage free storage, Bamboo scaffolding, consumables, testing, commissioning etc. required for completion of Design, Supply, Installation, testing and commissioning of 1 Nos of 10 Passenger Lift (G+ 3F) at State Bank of India, Commercial Branch Mumbai, Fort, Mumbai as per the contract Agreement and Free Comprehensive Maintenance for guarantee period of One year after project completion. Contract Rates shall be deemed to be inclusive of all direct and indirect expenses required to be incurred as per this scope including but not restricted to the costs of the following.

- a) Replacement: - Dismantling, design, manufacture, supply, installation, testing, commissioning and maintenance of Lifts as per Technical Parameters.
- b) Removal of Dismantled Material: - All the dismantled material that is not being retained is redundant to SBI & the contractor agrees to take the subject materials elsewhere for use if any to him. Salvage value to be considered by the successful bidder and the net price quoted shall take consideration of reduction on account of this material. This Salvage value is to be quoted separately.
- c) All items that are replaced will need to be taken away from site within 07 days of its dismantling with prior information to SBI with the complete list of such items. Salvage value for all such dismantled materials shall be quoted in the BOQ and net contract price arrived post reduction of the same.

2.0 Address of site :

The site is located at **Commercial Branch Mumbai, Fort Mumbai**

3.0 Dimensions and levels

All dimensions and levels shown on the drawings shall be verified by the contractor and the site and he will be held responsible for the accuracy and maintenance of. All the dimensions and the levels. Figured dimensions are in all cases to be accepted and dimension shall be scaled. Large scale details shall take precedence over small scale drawings. In case of discrepancy the contractor shall ask for clarification from the Architect / consultant before proceeding with the work.

4.0 Notice of operation

The contractor shall not carry out any important operation without the Consent in with from the Architect / consultant:

5.0 Construction records

The contractor shall keep and provide to the Architect / consultant full and accurate records of the dimensions and positions of all new work and any other information

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necessary to prepare complete drawings recording details of the work as construction.

6.0 **Safety of adjacent structures and trees**

The contractor shall provide and erect to the approval of the Architect / consultant supports as may be required to protect effectively all structures and protective give to trees, which may be endangered by the execution of the works or otherwise such permanent measures as may be required by the Architect to protect the tree structures.

7.0 **Temporary works**

Before any temporary works are commenced the contractor shall submit at least in advance to the Architect / consultant for approval complete drawings of all temporary works he may require for the execution of the works. The contractor shall carry out the modifications relating to strength, if required by the Architect / consultant may require in accordance with the conditions of contract at his own cost the contractor shall be solely responsible for the stability and safety of all temporary works and unfinished works and for the quality of the permanent works resulting from the arrangement eventually adopted for their execution.

8.0 **Water power and other facilities**

- a) The rate quoted by the contractor shall include all expenses that are required for providing all the water required for the work and the contractor shall make his own arrangements for the supply of good quality water suitable for the construction and good quality drinking water for their workers If necessary the contractor has to sink a tube well / open well and bring water by means of tankers at his own cost for the purpose The SBI will not be liable to pay any charges in connection with the above
- b) The rate quoted in the tender shall include the expenses for obtaining and maintaining power connections and shall pay for the consumption charges as instructed.
- c) The contractors for other trades directly appointed by the SBI shall be entitled to take power and water connections from the temporary water and power supply obtained by the contractor However, the concerned contractor shall make their own arrangements to draw the supply and pay directly the actual consumption charges at mutually agreed rates between them. All municipal charges for drainage and water connection for Construction purposes shall be borne by the contractor and charges payable for permanent connections, if any, shall be initially paid by the contractor and the SBI will reimburse the amount on production of receipts
- d) The SBI as well as the Architect / consultant shall give all possible assistance to the Contractor's to obtain the requisite permission from the various authorities, but the responsibility for obtaining the same in time shall be of the contractor

9.0 **Facilities for contractor's employees**

The contractor shall make his own arrangement for the housing and welfare of his staff and workmen including adequate drinking water facilities. The contractor shall also make the arrangements at his own cost for transport where necessary for his staff and workmen to and from site of work at his own cost.



10.0 Lighting of works

The contractor shall at all times provide adequate and approved lighting as required for the proper execution and supervision and inspection of work.

11.0 Firefighting arrangements

i) The contractor shall provide suitable arrangement for firefighting at his own cost. This purpose he shall provide requisite number of fire extinguishers and adequate number of buckets, some of which are to be always kept filled with sand and some with water this equipment shall be provided at suitable prominent and easily accessible place and shall be properly maintained.

ii) Any deficiency in the fire safety or unsafe conditions shall be corrected by the contractor at his own cost and, to the approval of the relevant authorities. The contractor makes the following arrangements at his own cost but not limited the following:

- a) Proper handling, storage and disposal of combustible materials and waste.
- b) Work operations which can create fire hazards.
- c) Access for fire-fighting equipment.
- d) Type, number and location of containers for the removal of surplus materials and rubbish.
- e) Type, size, number and location of fire extinguishers or other fire fighting equipment.
- f) General house keeping

12.0 Site order book

A site order book shall be maintained at site for the purpose of quick communication between the Architect / Consultant. Any communication relating to the work may be conveyed through records in the site order book. Such a communication from one party to the other shall be deemed to have been adequately served in terms of contract Each site order book shall have machine numbered pages in triplicate and shall carefully maintained and preserved by the contractor and shall be made available to the Architect / consultant as and when demanded- Any instruction which the Architect /consultant may like to issue to the contractor or the contractor may like to bring to the Architect / consultant two copies of such instructions shall be taken from the site order book and one copy will be handed over to the party against proper acknowledgment and the second copy will be retained for their record.

13.0 Temporary fencing/ barricading

The contractor shall provide and maintain a suitable temporary fencing / barricading and gates at his cost to adequately enclose all boundaries of the site for the protection of the public and for the proper execution and security of the work and in accordance with the requirement of the Architect I consultant and regulations of local authorities. These shall be altered, relocated and adopted from time to time as necessary and removed on completion of the work.

14.0 Site meetings

Site meetings will be held to review the progress and quality evaluation. The contractor shall depute a senior representative along with the site representative and

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other staff of approved sub-contractors and suppliers as required to the site meetings and ensure all follow up actions. Any additional review meetings shall be held if required by the Architect/ consultant. -

15.0 Disposal of refuse

The contractor shall cart away all debris, refuse etc. arising from the work from the site and deposit the same as directed by the Architect / consultant at his own cost. It is the responsibility of the contractor to obtain from the local authorities concerned to the effect that all rubbish arising out of contractor's activities at the construction site or any other off-site activities borrow pits has been properly disposed of.

16.0 Contractor to verify site measurement

The contractor shall check and verify all site measurements whenever requested other specialist contractors or other sub-contractors to enable them to prepare the own shop drawing and pass on the information with sufficient promptness as will in any way delay the works.

17.0 Displaying the name of the work

The contractor shall put up a name board of suitable size as directed by the Architect/ consultant indicating therein the name of the project and other details as given by the Architect/consultant at his own cost and remove the same on completion of work.

18.0 As built drawings

i) For the drawings issued to the contractor by the Architect / Consultant. The Architect Consultant will issue two sets of drawings to the Contractor for the items for some changes have been made. From the approved drawings as instructed by the SBI / Architect / Consultant. The contractor will make the changes made on these copies and return these copies to the Architect / Consultant for their approval. In cases revision is required or the corrections are not properly marked the Architect / Consultant will point out the discrepancies to the contractor. The contractor will have to incorporate these corrections and / or attend to discrepancies either on copies as directed by the Architect / consultant and resubmit to him for approval. The Architect / consultant will return one copy duly approved by him.

ii) For the drawings prepared by the contractor

The contractor will modify the drawing prepared by him wherever the changes made by the SBI / Architect / Consultant and submit two copies of such modified drawings to the Architect / Consultant for approval. The Architect / consultant will return one copy of the approved drawing to the contractor.

19.0 Approved make

The contractor shall provide all materials from the list of approved makes at his own cost and also appoint the specialized agency for the waterproofing anti-termite, aluminum doors and windows and any other item as specified in the tender. The Architect / Consultant may approve any make / agency within the approved list as given in the tender after inspection of the sample/mock up.

20.0 Procurement of materials

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The contractor shall make his own arrangements to procure all the required materials for the work. All wastages and losses in weight shall be to the contractors account

21.0 Excise Duty, Taxes, Levels etc.;

The contractor shall pay and be responsible for payment of all taxes, duties, levies, royalties, fees, cess or charges in respect of the works including but not limited to sales tax, tax on works contract excise duty, and octroi, payable in respect of materials, equipment plant and other things required for the contact. All of the aforesaid taxes, duties, levies, fees and charges shall be to the contractor's account and the SBI shall not be required to pay any additional or extra amount on this account. Variation of taxes, duties, fees, levies etc. if any, till completion of work shall be deemed to be included in the quoted rates and no extra amount on this account. Variation of taxes, duties, fees, levies etc. if any, till completion of work shall be deemed to be included in the quoted rates and no extra claim on this account will in any case be entertained. If a new tax or duty or levy or cess or royalty or octroi is imposed under as statutory law during the currency of contract the same shall be borne by the contractor.

22.0 Acceptance of tender

The SBI shall have the right to reject any or all tenders without assigning any reason. They are not to bind to accept the lowest or any tender and the tenderer or tenderers shall have no right to question the acts of the SBI However adequate transparency would be maintained by the SBI

23.0 Photographs:

- The Contractor shall at his own expense supply to the Architects with duplicate hard copies of large photographs not less than 25 cm. x 20 cm. (10" x 8") of the works, taken from two approved portions of each building, at intervals of not more than one months during the progress of the work or at every important stage of construction.
- In addition to above, the contractor shall be bound to submit adequate no. of site photographs along with each Running Bill for the project clearing showing major progress of work measured and claimed therein failing which the Architect/ SBI may consider returning the Bill to the contractor and no claim for delay on this account will be entertained.



ARTICLES OF AGREEMENT

(On non-judicial Stamp Paper of Rs. 500/- or as per latest Govt. Rules)

This AGREEMENT is made at on this day of between State Bank of India, a statutory body established under Incorporated under the State Bank of India Act, 1955, having its Head Office at Nariman Point, Mumbai, represented by its authorized officer of SBI (hereinafter called "the Employer") on the one part and M/s _____ (proprietorship/partnership firm/Company), incorporated under the provisions of the Companies Act and having its registered office at _____ (hereinafter called "the Vendor") represented by Shri who is authorized to enter this agreement by its Board of Directors on the other part.

AND WHEREAS the Employer has intention of engaging a OEM of approved Brand / Manufactures of lift provider for Design, Supply, Installation, testing and commissioning of 1 No of 10 Passenger Lift (G + 3F) at State Bank of India, Commercial Branch, Fort, Mumbai-400001

AND WHEREAS the Employer had called for tenders from eligible Vendors for the proposed work. as indicated in the scope of work and other documents attached to the tender.

AND WHEREAS the Vendor and others submitted the tenders and the Employer has awarded the contract relating to Design, Supply, Installation, testing and commissioning of 1 No of 10 Passenger Lift (G + 3F) at State Bank of India, Commercial Branch, Fort, Mumbai-400001 as stated in the scope of work attached to the Tender Document to the Vendor.

AND WHEREAS both the parties to this agreement are desirous of recording the terms and conditions upon which the said services are to be rendered by the Vendor.

NOW IT IS HEREBY AGREED AS FOLLOWS:

- 1) In consideration of the said Contract Amount to be paid at the times and in the manner set forth in the said Conditions, the Contractor shall upon and subject to the said Conditions execute and complete the work shown upon the said Drawings and described in the said Specifications and the priced Schedule of Quantities.
- 2) The Employer shall pay to the Contractor the said Contract Amount, or such other sum as shall become payable, at the times and in the manner specified in the said Conditions.
- 3) The said Conditions and Appendix thereto shall be read and construed as forming part of this Agreement, and the parties hereto shall respectively abide by submit themselves to the said Conditions and perform the Agreements on their part respectively in the said Conditions contained.

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- 4) The Plans, Agreements and Documents mentioned herein shall form the basis of this Contract.
- 5) This Contract is neither a fixed lump-sum contract nor a piece work contract but a contract to carry out the work as per enclosed schedule of Items and to be paid for according to actual measured quantities at the rates contained in the Schedule of Quantities or as provided in the said Conditions and approved by the SBI .
- 6) The Contractor shall afford every reasonable facility for the carrying out of all works relating to Installation of new passenger/Freight lift in the manner laid down in the said Conditions, and shall make good any damages done to walls, floors, etc. after the completion of his work.
- 7) The Employer reserves to itself the right of altering the drawings and nature of the work by adding to or omitting any items of work or having portions of the same carried out without prejudice to this Contract.
- 8) Time shall be considered as the essence of this Contract and the Contractor hereby agrees to commence the work immediately after the date of issue of formal work order as provided for in the said Conditions or execution of the agreement, whichever is later and to complete the entire work within **24 weeks** subject to nevertheless the provisions for extension of time, contained at Clause 17.3 of SCC.
- 9) All payments by the Employer under this Contract will be made by State Bank of India.
- 10) All disputes arising out of or in any way connected with this Agreement shall be deemed to have arisen at Mumbai and only the Courts in Mumbai shall have jurisdiction to determine the same.
- 11) That the several parts of this Contract have been read by the Contractor and fully understood by the Contractor.

IN WITNESS WHEREOF THE EMPLOYER and the Contractor have set their respective hands to these presents and two duplicates hereof the day and year first hereinabove written.

SIGNATURE CLAUSE

SIGNED AND DELIVERED by the

_____ By the (Employer)

hand of Shri _____

_____ (Signature of Employer)

(Name and Designation)

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In the presence of :

Shri / Smt. _____

(Signature of Witness)

Address _____

(Witness)

SIGNED AND DELIVERED by the

_____ by the
(Contractor)

(Signature of Contractors)

in the presence of :

Shri / Smt. _____

(Signature of Witness)

Address _____

(Witness)

**ANNEXURE**

Declaration-Cum- Certificate on the Letter Head of Bidder Regarding Restrictions on Procurement From Bidders From A Country Or Countries, On Grounds Of Defence In India, Or Matters Directly Related Thereto, Including National Security.

Restrictions under Rule 144 (XI) of General Financial Rules 2017 of Ministry of Finance, India order no. F. No 6/18/2019/PPD dated 23rd July 2020

I/We have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India;

I/We, the bidder (Specify full name -----) certify that we are NOT from such a country OR, if from such a country, has been registered with Competent Authority.

I/We hereby certify that we fulfil all requirements in this regard and is eligible to be considered.

(Signature of Authorised Signatory along with Seal)

Name of authorised signatory:

Designation of Authorised signatory:

List of Evidences enclosed:

1. Copy of certificate of valid registration with the Competent Authority (Score out if not applicable)
2.
3.
4.

Date:

Place:



APPENDIX HEREINBEFORE REFERRED TO

- 1) Name of the organization Offering Contract : Asstt. General Manager(P&E)
State Bank of India,
Premises & Estate Department,
LHO Mumbai Metro Circle,
Bandra Kurla Complex,
Bandra (E), Mumbai 400 051
- 2) Consultants : M/S Architects Approach
Architects & Interior Designers,
20, Shridhar Building,
Hanuman Road,
Vileparle (East),
Mumbai-400057.
TEL. NO. 35113986 / 35113988
Mobile No. 9820158656
- 3) Site Address : Malad (West), Mumbai
- 4) Scope of Work : Electrical (Installation of lift) Work
- 5) Name of the Contractor : -----

- 6) Address of the Contractor : -----

- 7) Period of Completion : **24 Weeks from the date of Commencement**
- 8) Earnest Money Deposit : Rs.16,000/- (Rupees Sixteen Thousand Only) by means of Demand Draft / Pay Order (Valid for a period of 90 Days from the last date of submission of the tender) from any scheduled Nationalized Bank drawn in favour of SBI and payable in Mumbai.
- 9) Retention Money : As per clause no. no. 1(c) of GCC
- 10) Defects Liability Period : Twelve Months from the date of Virtual Completion.
- 11) Insurance to be undertaken by the : 125% of Contract Value Contractor at his cost (Contractor's all-risk policy)
- 12) Liquidated damages : 0.5% of the Contract amount shown in the tender per week subject to max. 5% of the contract value or actual final bill value.
- 13) Value of Interim Bill (Min.) : As per payment terms

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- 14) Date of Commencement : 7 days from the date of acceptance letter is issued to the Contractor/ or the day on which the Contractor is instructed to take possession of the site whichever is earlier.
- 15) Period of Final Measurement : 2 Months from the date of Virtual Completion.
- 16) Initial Security Deposit : 2% of the Accepted Value of the Tender (Clause No. 1.0 (b) of GCC)
- 17) Total Security Deposit : Retention /TSD As per clause No.1.0 (c) of GCC
- 18) Refund of initial Security Deposit Comprising of EMD and ISD. : 50% of the Security Deposit shall be refunded to the Contractor on completion of the work and balance refunded only after the Defect Liability Period is over.
- 19) Period for Honoring Certificate : 1. One Month for R.A. Bills
2. The final bill will be submitted by the Contractor within one month of the date fixed for completion work and the Bill shall be certified within 3 months from the date of receipt of final bill provided the bills are submitted with all pre-requisite documents/test reports etc. prescribed in the tender.

Seal & Signature of Tenderer.
Date:



TABLE-I

PROFORMA FOR HINDRANCE TO WORK

Name of Work : _____ Date of Start of work : _____
 Name of Contractor : _____ Period of Completion : _____
 Agreement No. : _____ Dt. of Completion of work : _____

S.No.	Nature of Hindrance	Date of Occurrence of Hindrance	Date of which Hindrance was removed	Period of which Hindrance existed	Signature of Site Engineer	Signature of Bank / Architects Representative
1	2	3	4	5	6	7

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TABLE - II

PROFORMA FOR RUNNING A/C BILL

- i. Name of Contractor / Agency :
- ii. Name of Work :
- iii. Sl.No. of this Bill :
- iv. No. & Date of previous Bill :
- v. Reference to Agreement No. :
- vi. Date of Written order to commence :
- vii. Date of Completion as per Agreement :

S.No.	Item Description	Unit	Rate (Rs.)	As per Tender	
				Quantity	Amount (Rs.)
1	2	3	4	5	

Upto Previous R.A. Bill		Up Date (Gross		Present Bill		Remarks
Quantity	Amount (Rs.)	Quantity	Amount (Rs.)	Quantity	Amount (Rs.)	
6		7		8		9

- Note: 1. If part rate is allowed for any items, it should be indicated with reasons for allowing such a rate.
2. If ad-hoc payment is made, it should be mentioned specifically.

Net Value since previous bill

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CERTIFICATE

The measurements on the basis of which the above entries for the Running Bill No. --
----- were made have been taken jointly on ----- and are
recorded at pages ----- to ----- of measurement book No. ----
-----.

Signature and
date of Contractor

Signature and
date of Architects
Representative (Seal)

Signature and
date of Site Engineer

The work recorded in the above mentioned measurements has been done at the site
satisfactorily as per tender drawings, conditions and specifications.

Architect

Signature and
date of Site Engineer



TABLE - III

MEMORANDUM FOR PAYMENT

R/A BILL NO.

1.	Total value of work done since previous bill (A)	Rs. -----
2.	Total amount of secured advance due since Previous Bill (B)	Rs. -----
3.	Total amount due since Previous Bill (C) (A+B)	Rs. -----
4.	PVA on account of declaration in price of Steel, Cement and other materials and labour as detailed in separate statements enclosed.	Rs. -----
5.	Total amount due to the Contractor	Rs. -----

OBJECTIONS:

i)	Secured Advance paid in the previous R/A	Rs. -----
ii)	Retention money on value of works as per accepted tenders upto date amount Rs.	Rs. -----
	Less already recovered	Rs. -----
	Balance to be recovered	Rs. -----
iii)	Mobilization Advance, if any	
(a)	Outstanding amount (principal + interest) as on date	Rs. -----
(b)	To be recovered in this bill	Rs. -----
iii.	Any other Departmental materials cost to be recovered as per contract, if any	Rs. -----
iv.	Any other Departmental service charges to be recovered if any, as per contract (water, power etc.) enclose statement.	Rs. -----
	Total Deduction as per contract (F)	Rs. -----
	Adjustments, if any -----	Rs. -----
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Amount less received by Contractor in
----- R/A Bill (as per statement of
Contractor)

P.V.A. Rs. -----

Total amount payable as per contract
(E+F+G) Rs. -----

(Rupees ----- in
words)

The bill amount to Rs. ----- (both figures and words) has been scrutinized by us
after due checking of the measurements of work as required and is recommended for
payment.

Date: -----

Signature of Architect
with Seal

The bill amount to Rs. ----- certified by Consultants has been scrutinized by
me after due test checking of measurements of works as required and is recommended for
payment for an amount of Rs.....

Date : -----

Signature of Owners
Engineer

STATUTORY DEDUCTION:

i)	Total Amount due (E)	Rs. -----
ii)	Less I.T. Payable	Rs. -----
iii)	Less S.T. Payable	Rs. -----
	Net Payable	Rs. -----

This figures given in the Memorandum for payable has been verified and bill passed
for payment ----- (in words and figures)

Date: -----

Signature of the M.D. & C.E.O.



TECHNICAL SPECIFICATION FOR GEARLESS PASSENGER LIFT

SCOPE OF WORK:-

1. General Requirements

The installations shall generally be carried out in conformity with the requirements of Indian Electricity Act, 1910 as amended up to date and Indian Electricity Rules, 1956 framed there under, the relevant regulations of the Electric Supply Authority concerned and also with the specifications laid down in the Indian Standard IS: 732/1963 "Code of Practice (Revised) for Electrical Wiring Installations (System Voltage not exceeding 650V)". The work shall be executed as per National Electrical Code and if any item is not covered there under or there is any doubt, the specification approved by the Engineer-in-charge will be final and binding.

Ambient Conditions :

All Electrical installations and equipment shall be suitable to work in following ambient conditions.

Maximum Temperature	:	50 degree Celsius
Relative Humidity	:	100 %
In the vicinity of	:	Mumbai city

System Conditions :

The Electrical installations and equipment shall be suitable for operation in following system conditions.

Supply voltage	:	415 Volts +/-10%
Supply frequency	:	50Hz +/-5%
Number of Phases	:	Three

2. DRIVE UNIT

2.1 The machine shall be of the Gearless A.C. permanent magnet type with a single piece main shaft, integral drives heave and brake disc. The main brake shall be of the Disc type with independent dual action capable of arresting the load on any single caliper. In the event of undetected brake wear, the brake shall not lift and thereby automatically prevent further lift operation.

2.2 An AC Closed Loop, Variable Voltage Variable Frequency (VVVF), motion control and velocity profile shall be provided. The micro-computer-based speed control system shall incorporate a digital closed loop feedback system ensuring the actual elevator speed is in line with a dictated pattern during all phases of travel, namely acceleration, full running speed and deceleration. All phases of travel shall be controlled regardless of load or direction of travel.

2.3 The acceleration and deceleration values shall be easily adjustable on site by
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qualified personnel and shall be initially set at 1.2 m/s squared.

2.4 The stopping accuracy shall be no more than + / - 5 mm before loading or unloading the car. The mechanical brake shall not be operative before the car has been electrically stopped and at speed zero.

2.5 To compensate for rope stretch under various load conditions, an automatic re-leveling system is to be furnished to ensure the car stays within the floor leveling zone at all times.

2.6 The Car speed shall be $\pm 3\%$ of contract speed under any loading condition.

2.7 The car Brake capacity should be capable of preventing the lift car from movement with 90 % of rated load, with the lift car at rest.

2.8 The Car ride quality shall be

- i) Horizontal & Vertical vibration should be in conformity with industry / manufacturer's standard and max deviation should be of 3 %. The vendor to be supported by relevant test certificates and shall be verified with required monitoring / testing instrument at site before handing over.
- ii) Acceleration and Deceleration: the controller should provide for smooth acceleration and deceleration without any perceivable jerks

2.9 The vendor shall provide drives for ACVVVF with design unit to limit current, suppress noise, and prevent transient voltage feedback into building power supply. Provide internal heat sink cooling fans for the power drive portion of the converter panels. Conform to IEE standards for line harmonics and switching noise.

2.10 The Encoder shall be of direct drive, solid-state, digital type. Update car position at each floor and automatically restore after power loss.

2.11 Machine and Equipment Support Beams:

Provide new structural steel beams required for direct support of/ and attachment to building structure of hoist machine, deflector sheaves, overhead sheaves, governor, and hoist rope or belt dead-end hitch assemblies.

Provide bearing plates, anchors, shelf angles, blocking, embedment, etc. for support and fastening of machine beams or equipment to the building structure.

Isolate machine and overhead sheave beams to prevent noise and vibration transmission to building structure.

2.12 The over speed governor and Tripping of the safety gear shall be adjusted to 90 percent of the rated speed or as per IS Code.

2.13 The Emergency Brake shall be provided to prevent ascending car over-speed and unintended car movement as per Code. Mount the auxiliary brake on suitable structural



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

2.14 All lift equipment including their supports and fastenings to building, shall be mechanically isolated from the building structure to minimize objectionable noise and vibration transmission to car, building structure, or adjacent occupied areas of building.

2.15 The noise level relating to lift equipment operation in machine room shall not exceed 75 db. All db readings shall be taken one meter off the floor and one meter from equipment.

3.0 LIFT WELL EQUIPMENT

3.1 The vendor shall provide guide rail, machined steel T-sections for car and counterweight of suitable size and weight for the application as per standard manufacturer's specifications, including brackets for attachment to building structure.

3.2 Buffers, Car and Counterweight: Provide new spring type with blocking and support channels.

3.3 Diverter or Secondary Sheaves: Provide new sheaves with machined grooves and sealed bearings. Provide mounting means to machine beams, machine bedplate, car and counterweight structural members, or building structure.

3.4 Counterweight: Provide new counterweight with steel frame with metal or concrete filler weights and sliding guides.

3.5 Governor pit tensioning sheaves: Provide new and mount sheaves and support frame on pit floor or guide rail. Provide frame with guides or pivot point to enable free vertical movement and proper tension of rope/belt and tape. Provide sheave guard and electrical safety switch. Provide inside pit, a ladder made out of Aluminium extruded sections for maintenance of pit equipment and pit cleaning

3.6 Hoist and Governor Ropes: Provide new traction steel type to suit machine manufacturer's requirement. Fasten with staggered length, adjustable, spring isolated wedge type shackles.

3.7 Terminal Stopping: Provide normal and final devices.

4. CONTROLLER

4.1 The control switchgear shall be microprocessor based. It shall incorporate the following:

- Smooth acceleration and deceleration.
- Smooth start/stop.
- Accurate floor leveling of ± 3 mm to ± 5 mm.
- Landing floor position.
- Adjustable timer for car doors.
- Automatic re-leveling.
- Car overload cut-out.
- Over load device
- Fireman's Switch at Main Lobby with Stainless Steel Signal



Fixtures.

- Speed Governor System for Over Speeding.

5. ELECTRICAL WIRING:

The Electrical Wiring and Wiring Connections should be done according to following schedule.

- i) Conductors and Connections: Copper throughout with individual wires coded and connections on identified studs or terminal blocks. All wiring shall be run in containment. Use no splices or similar connections in wiring except at terminal blocks, control compartments, or junction boxes. Provide 10% spare conductors throughout. Run spare wires from car connection points to individual lift controllers in the machine room. Provide four pairs of spare shielded communication wires (Provision of spare Cable for installations of CCTV, Fire detector, PA etc needs to be provided by the bidder within quoted rates) in addition to those required to connect specified items. Tag spares in machine room.
- ii) Travelling Cables: FRLS Cable shall be provided. Prevent travelling cable from rubbing or chafing against lift well or equipment within lift well.

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

6. LIFT CAR & EQUIPMENT

- 6.0 The lift shall be suitable for carrying **10 passengers** i.e. 680 Kg at a speed of **1.0 mps**. It shall travel from Ground floor to 3rd floor. Each floor height is about 3.0 m. It shall have **4 stops** and **4 openings**. All the openings shall be on same side. The machine room shall be located on the top.
- 6.1 The lift car and car frame shall be constructed fully of metal. Special precautions shall be observed so that drumming is eliminated by use of the application of anti- drumming paint to the outside of the car wall panels.
- 6.2 19 mm Granite floor covering shall be provided in the lift car.
- 6.3 The car roof shall be of robust construction and design to withstand, without deformation, the weight of two men and tools.
- 6.4 Adequate Ventilation shall be provided in the car.
- 6.5 Car doors shall have the minimum clear opening of 700 wide x 2000 high and during travel the car door shall be mechanically locked.
- 6.6 Four 9-watt LED lamps with diffusers and one blower shall be provided in the car.



- 6.7 An emergency alarm unit shall be located at the main level served, the push for which should be clearly labeled in the car operating panel.
- 6.8 Car Sling shall be provided with welded or bolted, rolled or formed steel channel construction.
- 6.9 Provide new governor actuated safety properly affixed to underside of car platform.
- 6.10 Provide new platform of isolated type made of steel, which are fireproofed on underside.
- 6.11 Provide sliding guides as guide Shoes, aluminum car sill manufactured with one-piece extrusion
- 6.12 Car Operating Panel with **alarm** button to ring bell located on car and actuate two-way communication systems.
- 6.13 The car enclosures equipment such as shell and canopy shall be of steel with hair line finish as selected. The suspended ceiling should be of stainless-steel hairline finish.
- 6.14 Front Return Panels and Integral Entrance Columns, Transom and Interior Wall Finish: combination of stainless-steel scratch resistant finish, as approved by the Employer

7.0 LIFT CONTROL

- **The operation shall be Duplex Full Collective Automatic, with one button in the car for each landing. All stops registered by the momentary pressure of the car buttons shall be made in the order in which the landings are reached after the buttons have been pressed but irrespective of the sequence in which calls were registered.**
- Stops registered by the momentary pressure of the buttons at the landings shall be made in the order in which the landings are reached in the down direction of travel after the buttons have been pressed. All UP-direction landing calls shall be answered when the car is traveling in the UP direction and all down direction landing calls shall be answered when the car is traveling in the DOWN direction, except in the case of the terminal floor calls which shall be answered as soon as it is reached.
- Load Non-Stop Option - The landing calls shall be bypassed but not cancelled if the load in the car is approximately 80% of the contract load.
- Push buttons: Provide 2 no. UP & Down at each floor with flush mounted faceplates. Include pushbuttons for each direction of travel, which illuminate to indicate call registration. Provide any cutting and patching required.
- Car position to be displayed inside car as well as at each floor



8.0 SIGNALS

- **Position Indicators: Provide Dot Matrix type floor position indicators at each entrance as per manufacturer's standard specifications, as approved by the Bank.**
- **Car Position Indicator: Provide inside car Dot Matrix, floor indicators with direction arrows to indicate floor served and direction of car travel. When a car leaves or passes a floor, illuminate indication-representing position of car in lift well.**

9.0 Faceplate Material and Finish: Stainless steel in matt finish on all floors.

9.1 CAR AND LANDING EQUIPMENT

9.2 Landing equipment, mounted to the side of each door, contained within a flush mounted stainless-steel panel, shall comprise a call illuminated push or on the front wall.

9.3 Car equipment, mounted in a stainless-steel finish, flush panel, shall comprise: -

- Call pushes, illuminated, for each floor.
- Car position indicator, illuminated, for each floor, to indicate car position.
- Alarm push.
- A door open push to re-open the doors when closing.

Door close button.

Auto – Attendant Key switch

Intercom button

9.4 A digital dot matrix display shall be provided; Character heights shall be 25 mm.

9.5 The Car Operating Panel shall be of located within the car wall in accordance with the requirements of the Building Regulations to ensure it is also suitable for use by disabled persons.

9.6 The car panel shall include of the button, which will indicate that it has been pressed. Buttons (Tactile in compliance with Building Regulations and NBC 2016) shall be provided for entering floor calls, door open and alarm.

9.7 A position indicator providing a digital display shall be included. The panel shall also include:



- Emergency Car Lights.
- Passenger inter-communication units
- Independent service key switch.
- Car overloaded indicator.

10.0 CAR & LANDING DOORS

10.1 The landing doors, at each level, shall be two-hour fire rated, two panel, center opening power operated fully automatic. Doors shall be stainless steel, not less than 1.5mm thick, and shall be silent in operation.

10.2 All doors shall be fitted with a combined mechanical and electrical interlock.

10.3 The landing door locks shall be configured such that it shall not be possible to open the doors from the landing side, unless the car is at the particular landing level. Nor shall it be possible to start the lift, or keep it in motion, unless all landing doors are closed.

10.4 Provision shall be incorporated for opening the landing doors by emergency key, irrespective of car position.

10.5 An infra red screen curtain type detects or shall be provided (Curtain of light). This shall provide protection across the full width and height of the entrance. Interruption of the curtain beams minimum 150 beams shall cause the doors to reopen. An adjustable timer shall be provided, to adjust the opening and closing time of the car, and of the landing doors.

Entrance Equipment: Provide the following new equipment:

- *Door Hangers.*
- *Door Tracks*
- *Door Interlocks.*
- *Door Closers.*
- Facia plates wherever necessary should be full length (i.e from upper sill to top of header)

10.6 LIFT WELL ENTRANCES

Architraves	:	Retain existing center line
Landing doors	:	Provide as specified
Sills	:	Provide new sills manufactured of extruded aluminum.



10.7 **Building Management System**

Vendors to provide potential free contacts on control systems for Fire service, emergency power, floor indications etc.

10.8 **Specification for 10 Person Gearless Passenger Lift**

Electric Gearless Traction	Machine room passenger lift
Contract load	10 person (680 Kg)
Lifts speed	1.0 m/s
Number of floors served	G+ 3 floors
Position of openings	Single entry or through car configuration
Door type	700 (w) x 2000(h),
Control system	Duplex Full Collective
Lift machine	Gearless with integral drive sheave & brake disk
Lift motor	3 phase permanent magnet type
Speed Control	Variable frequency with closed loop
Clear internal lift well	1600 mm wide x 1400 mm deep
Pit depth	1280 mm (1.0 m/s)
Headroom	4100 mm to underside of lifting beam
Power supply	415/230V (+/-6%) 3 phase and Neutral 50Hz

10.9 **Lift Car Specification**

Front wall	Stainless steel in 1.5mm thick Stainless Steel Hair Line Finish
Side & Rear walls	Stainless steel in 1.5mm thick Stainless Steel Hair Line Finish
Car Interior	Wooden pattern finish as per direction of Architect / Bank
Car operating panel	Stainless steel finish
Car flooring	20 mm Granite flooring
Car ceiling	Suspended modular panels finished in brushed stainless steel
Lighting	4 nos. LED's of 9 Watt each with diffusers

10.10 **Other features to be included**

Ventilation	Natural, ventilation slots at high & low levels
Handrail	Mirror finish stainless steel to rear wall
Car operating panel	Digital Dot matrix with direction Indicators Micro Movement pushes, Door open push, Alarm push, all pushes to have tactile indication Emergency light

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unit Hands free intercom system to be provided built in COP

Car door finish	Stainless steel in 18 gauge Stainless Steel Hair Line Finish
Landing door & surround finish	Stainless steel in 18 gauge Stainless Steel Hair Line Finish
Car and landing entrances	VF Power operated doors

- i) Curtain of light, full height safety edge minimum 150 beams
- ii) Two-hour fire certified entrances at All floors.
- iii) Stainless steel landing pushes, with tactile indication, to be located within the doorframe or front walls.
- iv) Landing aprons and toe guards of full length.
- v) Audible alarm to be located at the main level served.
- vi) Pit ladder
- vii) Sound insulation
- viii) Buffer steel work
- ix) Tactile pushes to both car and Landing pushes.
- x) Overload Warning Indicator in car
- xi) Automatic Rescue Device with batteries**

11.0 Additional Features available which add Safety, Security and Passenger Comfort:

- **Safety:**
Safety features protect passengers from experiencing any danger or discomfort due to failures in the elevator or power supply system, or due to external emergencies such as earthquake or fire. Some safety features provide means of communication for passengers in the car during emergency situations.
- **Automatic Rescue Device(ARD)**
This feature is intended to move automatically the car to the nearest floor when the car has stopped between floors because of a failure of 1 phase or 3 phase power supply. The car emergency operation is performed at low speed and all safety functions are working. The resetting into normal operation is made automatically when the power supply returns. Both battery unit (12V/36 V) and control module are located in the machine room. 3 way intercom shall be provided press/speak inside car, one instrument machine room and one at lift lobby.
- **Voice Announcer & Speaker:**
This feature within the control panel or at car top enables a computerized voice to inform passengers of floor arrivals and car departures,

To comply with the Building regulations there is a requirement that the lift car

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should provide both visual and voice indication of the floor reached if it serves more than three floors.

- **Nudging Service, shortened time**
The doors are closed with limited speed and a buzzer is operated if someone has been standing in between the car doors for a long period of time. The buzzer sound is intended to warn people that they are preventing the doors from closing. The doors are naturally closed in a safe manner: The closing force is limited to a safe level (150N) and the nudging time is shortened depending on how many times this feature is used.
- **Quick close from car call**
To save passengers time, doors will start to close when a passenger inserts a car call. If any of the door devices (safety ray, curtain of light) detects another passenger entering or exiting, or a passenger pushes the Door Open Button, the door will be re-opened. The Quick Close feature saves time especially if only one passenger enters the car.
- **Curtain of light**
The Curtain of Light consists of a series of invisible light beams minimum of 150 beams across the car door entrance. The curtain of light detects if there are passengers between the doors and so prevents the doors from closing. The Curtain of Light is used for the same function as the Safety Ray but the Curtain of Light has the advantage of detecting an obstacle in any location between the door openings. (Included as standard)
- **False car call canceling**
The option is used to cancel car calls if there is nobody entering or leaving the elevator car or if the elevator car is empty. It protects elevator service against abuse, done by for example playing children pushing a lot of car calls and then leaving the car. The detection of false car calls is based on either the load in the car or passengers cutting the safety ray or both.
- **The following features should also be included.**

a) Automatic Car Return.
b) Home Landing.
c) Current Harmonic Filter.
d) Failure Auto Diagnose
e) Intercommunication unit
f) Reverse Phase Relay
g) Load Non-Stop
h) Overload Device (Car)
i) Re-leveling
j) Top of car Inspection
k) Anti-Nuisance Operation



l) Automatic Return Device
m) Attendant Operation
n) Car Arrival Chime
o) Emergency Fireman Operation (Automatic Return to Lobby)

12.0 STANDARD: -

- Unless otherwise specified, all materials covered under this specification shall be designed, manufactured, tested and installed in conformity with the latest Indian Standard Specifications. In case such Indian Standard Specifications are not published equivalent British Standard Specifications shall be followed. All equipment shall conform to latest Indian Electricity Rules, PWD and Local/State laws or byelaws as regards to safety, earthing and other essential provisions specified therein.
- All equipment and materials selected shall also be supplied and installed taking into consideration the Factories Act, Fire Regulations and Local laws or byelaws. All light fittings and equipment selected shall be of well tied out design. All materials used in the assembly of fittings and their accessories shall be of high quality and manufactured in accordance with the best modern practice.
- All the materials supplied by the contractor according to the contract conditions will be subject to inspection and approval by the Consultant or/and Engineer-in-charge or their authorized representative from time to time. The contractor shall extend all required facilities for such inspection free of cost. At the time of inspection, the inspecting officer shall have full liberty to reject any such material, which does not conform to specifications or the requirements. The owner shall not entertain any claim for the rejected materials. The contractor shall remove all rejected materials from the site at his own cost.
- The owner shall not accept any surplus material procured by the contractor.
- The contractor will be responsible to get electrical installations inspected by the Electrical Inspector of the State Government and to obtain the statutory clearance for energization. The owner will reimburse the necessary inspection fees on production of documentary evidences.
- The contractor should possess valid electrical contract license and labour license issued by the appropriate statutory authority of the State Government during the execution of the contract.
- The contractor shall be registered with Provident Fund Department for engagement of Labour / Employees.

13.0 INSPECTION AND APPROVAL

The contractor shall put up samples of all major items for inspection and testing

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by the Consultant and/or Engineer-in-charge for which the contractor shall furnish minimum 10 days clear notice in advance to enable them to depute their Inspecting Officer. Similar procedure shall be adopted for the approval of samples of minor materials / accessories to be used for the work.

14.0 PERFORMANCE GUARANTEE

The supplied equipment shall be guaranteed for a trouble-free operation against any bad workmanship; bad quality of material used and/or faulty design for a minimum period of 12 months from the date of commissioning by the owner. The Supplier shall rectify the defects, if any, found during this period and replace all faulty materials free of cost.

15.0 EXECUTION

At the time of execution successful tenderer has to dismantle only 1 lift at a time. Other lift will be in operation.

After dismantling of the existing lift, firm has to provide required scaffolding in the shaft which will be used by the SBI / Bank for carrying out major civil work if any. Any damages to scaffolding during this period will be attended by the SBI / Bank. Major civil repair work like any modification required in the existing foundation will be done by the SBI / Bank. Allied civil work like partitioning, puncturing wall /ceiling, removing & repairing of plaster, white wash to lift shaft will be in scope of tenderer.

Bank will provide open storage space in the premises for storage of materials. Locking and responsibility of the materials will lie with the tenderer.

16.0 FIELD QUALITY CONTROL

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

- ADJUSTMENTS

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

The lift shall be protected as follows.

- a) Electrically against overload
- b) By safety gear on car so that in the event of rope breaking or loosening, the car will be brought to rest immediately.
- c) By car and landing door locks so that in the event of any door kept opened, the lift will not start.
- d) By speed governor operating on the control circuit and applying the brakes in case of over-speeding of car in any direction.



- e) By means of over travel limit switches in both downward and upward direction.
 - f) By means of a phase reversal relay.
 - g) By means of a single phasing relay.
 - h) By a device that ensures that the brakes apply as soon as a single phasing occurs or when the drive fails to start for whatever reason.
 - i) By means of suitable type and capacity buffers in the lift pit.
 - j) The car and landing door shall not open when the lift car is not within the levelling zone.
 - k) Any other safety device as per the statutory requirements.
17. Before handing over the lift the following tests shall be conducted on the lift installation. The lift will not be taken over unless all the test results conform to the specifications.
- a) The lift will be loaded for its full capacity and the following will be tested in both directions of travel.
 - i) Speed
 - ii) Levelling at all landing
 - b) The lift will be kept empty and the following will be tested in both directions of travel.
 - i) Speed
 - ii) Levelling at all landings
 - c) All protection and safety devices shall be tested for its proper functioning.
 - d) Overload safety– No start and overload annunciation.
 - e) Insulation resistance and earthing continuity testing.
 - f) Voice annunciation system
 - g) Emergency alarm and two-way communication system
 - h) ARD function test and inverter back up for light and fan/blower.
 - i) Controller function test (Test certificates may be submitted)
 - j) Any other safety device as per the statutory requirements
18. Test Certificates
- Test Certificates for Machine, Motor, Buffers, Controller, VF Drive, Hoist Ropes, Governor Rope, governor, travelling cables, and Two (2) hours fire rating for landing doors should be furnished for all elevators.



19.0 TECHNICAL SPECIFICATION FOR ANNUAL MAINTENANCE CONTRACT (AMC) FOR GEARLESS PASSENGER LIFTS

- a. To maintain the elevator in proper and safe working condition.
- b. To regularly examine, lubricate and adjust the equipment and carry out planned maintenance in systematic and controlled manner by employing only qualified, trained and skilled persons.
- c. To renew all wire ropes and chains (where fitted) as required to maintain an adequate factor of safety to equalities the tension on all hoisting ropes, repair replace conductor cables and hoist way and machine room elevator wiring.
- d. To furnish lubricants as per manufacturers specification.
- e. To examine periodically all safety device and governors and make all customary safety tests and to submit a certificate regarding the safety.
- f. To systematically examine and adjust the following components: -
Machine, Worm, Gear Thrust Bearing, Drive Sheave bearings, break contract, linings and components, Motor generator, Motor Windings, Rotating Element's Commutation, Brushes, Brush Holders Bearings Coil Resistance for operating and motor circuits magnet frames and other mechanical part, Controller, Selector Leveling devices cams relays solid state components eg. PCB;s Transducers, Resistors, Condensers, Power Amplifiers transformers, Contacts, Lads Dashpots, Timing Devices, Steel Selector Tapes and Mechanical and Electrical Driving Equipment, Governor, Sheave, Shaft Assembly, Bearings, Contacts and Governor Jaws Car and Hall Mechanical Buttons, Car and Hall Position Indicators, Hall Lanterns, Car Direction Indicators and all other Car and Landing Signal Fixtures as installed by Manufacturer
- g. Deflector or secondary sheave, bearing car and counterweight guide rails and buffers top and bottom limit switches governor tension sheave assembly compensating sheave assembly car counterweight and counterweight guide shoes including rollers and gibes. Interlocks on hoist way door hangers, guides automatic power operated door operator car door contact safety shoe. Load weighing equipment car frame. Car safety mechanism and platform.
- h. To repair or replace parts mentioned Para 6 (above) considered as defective.
- i. To maintain the performance characteristics of the equipment as originally designated and installed by manufacturer
- j. To maintain a reasonable stock of genuine and original spare parts for replacement so that these are made available at the time of breakdown.
- k. The following items of elevator equipment are not included: -
 - i. Car enclosure, door panels, hung ceilings car gates, light diffusers,



LED's, handrails, starters, chokes, mirror, granite flooring, other architectural features, hoist way enclosures, hoist way gates, door frames, doors, external wiring to elevators, hoist way, machine room.

I. Terms & Condition:

- i. The material/parts required for maintenance/servicing from time to time shall be arranged by the contractor at his own cost and nothing extra shall be paid
 - ii. The spare parts used for repair/maintenance/servicing of the lifts shall be of original make.
 - iii. Payment for AMC shall be released quarterly by SBI at the end of each quarter on submission of monthly work done certificates by the Contractor.
 - iv. The maintenance/servicing of the lifts shall be done as per guidelines of manual of the manufacturer.
- m. The contractor shall intimate the name/address/telephone number of his own service representative/service Centre with whom complaint is to be lodged in case of breakdown.
 - n. All normal/minor complaints shall be attended within 2 hours of lodging complaint however in case of major breakdown, the lifts shall be made operational within 24 hours. However, if the contractor fails to put the lift in operation within 24 hours, then the contractor shall be liable to pay compensation at the rate of double the amount payable per day exceeding 24 hours. The minimum unit for deduction shall be one day even if the time is less than 01 (one) day.
 - o. The complaints shall be attended on all working days including Saturdays, Sundays, Gazetted Holidays, National Holidays.
 - p. At the time of attending of the complaint, breakdown, the mechanic of the contractor shall prepare a service report in which he shall clearly mention the fault occurred in the lift, spare part replaced (name of the spare parts) in his report. The report should have name of the mechanic, date and timing of attending the complaint. In case the service report is not signed by the J.E./Supervisor In-charge, the complaints shall be assumed unattended for which recovery shall be made. One copy of the service report will be handed over to the maintenance wing for record.
 - q. A log book shall be maintained by the contractor to record the behavior of the working of these lifts. Every visit/ repair servicing replacement of any damaged part shall be accorded in the Log Book with the name of mechanic, date and time. The log book will be available in the maintenance department of the hotel.
 - r. The spare parts used for replacement shall be got checked from the J.E./Supervisor In-charge before their use.
 - s. All unserviceable/replaced parts shall be taken by the contractor at his own cost conditional tenders are likely to be rejected.



SAFETY CODE

GENERAL SAFETY:

1. First-aid appliances, including adequate supply of sterilized dressings and cotton wool, shall be maintained in a readily accessible place.
2. The injured person shall be taken to a public hospital without loss of time, in cases where the injury necessitates hospitalization.
3. Suitable and strong scaffolds should be provided for workmen for all works that cannot safely be done from ground.
4. No portable single ladder shall be over 8 meters in length, the width between the side rails not less than 30 cm (clear) and the distance between two adjacent rungs shall not be more than 30 cm. When a ladder is used, an extra labour shall be engaged for holding the ladder.
5. The excavated material shall not be placed within 1.5 meters of the edge of the trench or half of the depth of the trench, whichever is more. All trenches and excavations shall be provided with necessary protection of minimum height of one meter.
6. Every opening in the floor of a building or a working platform shall be provided with suitable means to prevent the fall of persons or materials by providing suitable fencing or railing whose minimum height shall be one meter.
7. No floor, roof or other part of the structure shall be so over-loaded with debris or materials as to render it unsafe.
8. Workers employed on mixing and handling material such as asphalt, cement, mortar or concrete and lime mortar shall be provided with protective footwear and rubber hand-gloves.
9. Those engaged in welding works shall be provided with welder's protective eye-shields and gloves.
10. No paint containing lead or lead products shall be used except in the form of paste or readymade paint.
11. Suitable face masks should be supplied for use by the workers when the paint is applied in the form of spray or surface having lead paint dry rubbed and scrapped.
12. Hoisting machines and tackles used in the work, including their attachments, anchorage and supports shall be in perfect condition.
13. The ropes used in hoisting or lowering material or as a means of suspension shall be of durable quality and adequate strength and free from defects.

FIRE SAFETY:

- i. Cutting / drilling machine and other electrically operated equipment used at site shall be plugged into correctly rated electrical outlets.

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- ii. Only ISI marked 3 pin plug and other appliances and equipment shall be used.
- iii. Electrical power cables/wires used shall not have any joints and shall be properly rated.
- iv. All electrical appliances i.e. welding, drilling, cutting machine etc. shall be safely and securely earthed to prevent leakage current while in operation.
- v. Before commencing the welding work, fire section shall be informed and required precautions should be taken.
- vi. Two buckets of water, sand and a fire cloth of suitable size shall be kept in an easily accessible area on the site.
- vii. Fire extinguishers recommended by fire officers shall be kept on the site.
- viii. Used paint drums shall be stored in specified store only after closing them properly.
- ix. Personal protective equipment such as safety shoes, hand gloves, welder's mask, ear plug etc. depending upon the requirement of the work shall be provided by the contractor to the workmen to prevent occupational health hazards.
- x. The safety belt shall be provided by the contractor and used by the workmen while working from height for more than 10' from Ground level.
- xi. None of the passages near lift lobby and staircases shall be used for stacking / dumping any kind of materials/waste.
- xii. Any debris/ waste generated from the work shall be collected on daily basis, removed from site and stored at the designated place in proper manner.
- xiii. Battery operated emergency light/torches shall be provided by the contractor to the workmen while working beyond office hours.

Place:

Date:

SIGNATURE AND SEAL
OF THE CONTRACTOR

Annexure 1**PROFORMA FOR DETAILS OF PRINCIPAL BANKER / OTHER BANKERS**

S.No.	Particulars	Principal Banker	Banker 1	Banker 2
1	Name of the Bank			
2	Address			
3	Contact Person			
4	Email			
5	Telephone No.& Mobile No.			
6	Fax No.			

Signature of the Tenderer: -----

Date: -----

Annexure 2

Architects Approach

Seal & Signature of the contractor



**PROFORMA OF UNDERTAKING FOR MAINTENANCE CONFIRMATION BY
THE TENDERER ON COMPANY'S LETTER HEAD**

Date : -----

To,
The Assistant General Manager (P&E)
State Bank of India,
LHO-Mumbai Metro Circle,
Bandra Kurla Complex,
Bandra(E), Mumbai-400051.

Dear Sir,

Tender for Proposed work for Design, Supply, Installation, testing and commissioning of 1 No of 10 Passenger Lift (G + 3F) at State Bank of India, Commercial Branch, Fort, Mumbai-400001.

We hereby undertake to maintain the lifts installed by us in your office at State Bank of India, Commercial Branch Mumbai, Fort, Mumbai-400001 satisfactorily, for a period of not less than 10 years after expiry of the defect liability/warranty period at the rate quoted by us towards all-inclusive maintenance contract.

In the unlikely event of M/s _____ the original equipment manufacturer, failing to provide support in terms of spares etc. due to technological obsolescence or for any reason, we shall continue to provide all-inclusive service to your satisfaction, by arranging required spares etc ourselves, within the rate quoted by us for the all-inclusive maintenance contract for the period accepted as above.

Yours faithfully,

For _____

Authorized signatory



Annexure 3

PROFORMA OF BANK GUARANTEE FOR SECURITY DEPOSIT

(To be submitted on Non-judicial stamp paper of appropriate value purchased in the name of the issuing bank)

No. _____

Date

To,
The Assistant General Manager (P&E)
State Bank of India,
LHO-Mumbai Metro Circle,
BandraKurla Complex,
Bandra(E), Mumbai-400051.

Dear Sir

In consideration of your agreeing to accept the security deposit of INR ____ (INR ____ only) furnish able to you by Messrs _____ (hereinafter referred to as "the Contractor") in terms of their contract with you for **Design, Supply, Installation, testing and commissioning of 1 No of 10 Passenger Lift (G + 3F) at State Bank of India, Commercial Branch Mumbai, Fort, Mumbai-400001** as per their Tender No. ____ dated ____ and your Special Conditions of Contract and other tender documents relating thereto subject to the conditions and alterations mutually agreed upon the set forth or referred to in your Contract No. ____ dated ____ in the form of guarantee from us in the manner hereinafter contained, we ____ (Name of the Bank) do hereby covenant and agree with you as follows:

1. We undertake to pay / indemnify you and keep you indemnified from time to time to the extent of INR ____ (INR____ only) against any loss or damage caused to or suffered by or that may be caused to or suffered by you by reason of any breach or breaches on the part of the Contractor of any of the terms and conditions contained in the said Contract and in the event of the Contractor making any default or default in carrying out any of the work under the said Contract or otherwise in the observance and performance of any of the terms and conditions relating thereto in accordance with the true intent and meaning thereof, we shall forthwith on demand pay to you such sum or sums not exceeding in total the said sum of INR ____ (INR____ only) as may be claimed by you as your losses and/or damages, costs, charges or expenses by reason of such default on the part of the Contractor.
2. Notwithstanding anything to the contrary, your decision as to whether the Contractor has made any such default or defaults and the amount or amounts to which you are entitled by reasons thereof will be binding on us and we shall not be entitled to ask you to establish your claim or claims under this Guarantee but will pay the same forthwith on your demand without any protest or demur.
3. This guarantee shall continue and hold good until it is released by you on the application by the Contractor after expiry of the relative guarantee period of the said Contract and after the contractor had discharged all his obligations under the said Contract and produced a certificate of due completion of the work under the said contract and submitted a "No Demand Certificate", provided always that this guarantee

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shall in no event remain in force after the day of _____(Claim date) without prejudice to your claim or claims arisen and demanded from or otherwise notified to us in writing before the expiry of six months from the said date i.e. _____(Claim date) which will be enforceable against us notwithstanding that the same is or are enforced after the said date.

4. Should it be necessary to extend this guarantee on account of any reason whatsoever, we undertake to extend the period of this Guarantee on the request of M/s _____ till such time as may be mutually decided by you and the Bank
5. You will have the fullest liberty without effecting this guarantee from time to time to vary any of the terms and conditions of the said contract or extend the time of performance of the Contractor or to postpone for any time or from time to time any of your rights or powers against the Contractor and either to enforce or forbear to enforce any of the terms and conditions of the said Contract and we shall not be released from our liability under this guarantee by the exercise of your liberty with reference to matters aforesaid or by reason of any time being given to the Contractor or any other forbearance, act or omission on your part or any indulgence by you to the Contractor or by any variation or modification of the said contract or any other act, matter or things whatsoever, which under the law relating to sureties would but for the provisions hereof have the effect of so releasing us from our liability hereunder provided always that nothing herein contained will enlarge our liability hereunder beyond the limit of INR _____ (INR _____ only) as aforesaid.
6. This guarantee shall not in any way be affected by your taking or varying or giving up any securities from the Contractor or any other person, firm or company on its behalf or by the winding up, dissolution, insolvency or death as the case may be, of the Contractor.
7. In order to give full effect to the guarantee herein contained you shall be entitled to act as if we were your principal debtors in respect of all your claims against the Contractor hereby guaranteed by us as aforesaid and we hereby expressly waive all our rights of surety-ship and other rights, if any, which are in any way inconsistent with any of the provisions of this guarantee
8. Subject to the maximum limit of our liability as aforesaid, this guarantee will cover all your claim or claims against the contractor from time to time arising out of or in relation to the said contract and in respect of which your claim in writing is lodged on us before expiry of six months from the date of expiry of this guarantee i.e. _____(Claim date).
9. Any notice by way of demand or otherwise hereunder may be sent by special courier, telex, fax or registered post to our local address as aforesaid and if sent by post, it shall be deemed to have been given when the same has been posted.
10. This guarantee and the powers and provisions herein contained are in addition to and not by way of limitation of or substitution for any other guarantee or guarantees heretofore given to you by us (whether jointly with others or alone) and now existing un-cancelled and that this guarantee is not intended to and shall not revoke or limit such guarantee or guarantees.
11. This guarantee shall not be affected by any change in the constitution of the contractor or us nor shall it be affected by any change in your constitution or by any amalgamation or absorption thereof or therewith but will ensure to the benefit of and be available to and enforceable by the absorbing or amalgamated company or concern.



12. Any forbearance, act or omission on the part of the Bank in enforcing any of the conditions of the said tender or showing of any indulgence by the Bank to the tenderer shall not discharge the Surety in any way and the obligations of the Surety under this guarantee shall be discharged only on the intimation thereof being given to the Surety by the Bank.
13. This guarantee is irrevocable during the period of its currency and shall not be revoked without your prior consent in writing.
14. We further agree and undertake to pay you without demur the amount demanded by you in writing notwithstanding any difference or dispute or controversy that may exist or arise between you and contractor or any other person.
15. Notwithstanding anything contained herein above our liability under this guarantee is restricted to INR _____ (INR _____ only). Unless a written claim is lodged on us for payment under this guarantee within six months from the date of expiry, including extensions if any, of this guarantee all your rights under the guarantee shall be forfeited and we shall be deemed to have been released and discharged from all liabilities there under, irrespective of whether or not the original guarantee is returned to us.
16. We have power to issue this guarantee in your favour under the Memorandum and Articles of Association of our Bank and the undersigned has full power to execute this Guarantee under the Power of Attorney granted to him by the Bank.

SIGNED AND DELIVERED

(For & on behalf of the above named SBI)

For & on behalf of
(Banker's Name & Seal)

Branch Manager
(Banker's Seal)

Bank Address _____

**Annexure - 4****EXAMPLE EQUIPMENT AVAILABILITY CALCULATION**

Hours of Availability (approx)			
Daily Hours of Operation 6.00 am to 6.00 am (24 Hours)	=	24	Hours per day
24 hours per day x 7 days per week	=	168	Hours per week
168 hours per week x 52 weeks per year	=	8736	Hours per year
8736 hours per year / 12 months	=	728	Hours per month
728 hours per month x 3 months (quarter)	=	2184	Hours per quarter
% Availability Calculation			
Less 1 breakdown per quarter permitted	=	(1.5)	Hours
Less Scheduled Preventive Maintenance = 7 hour per week x 12 weeks per quarter	=	(84.0)	Hours
Total hours to be deducted from availability	=	(85.50)	
2184 hours – 85.50 hours = 2098.50/ 2184 hours per quarter	=	96 %	Availability

Date:
Place:

Signature of authorized person
Full Name & Designation:
Company's Seal

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Seal & Signature of the contractor



Annexure – 4A

TENDER ACCEPTANCE LETTER
(To be given on Company Letter Head)

Date:

To,

The Assistant General Manager (P&E)
 State Bank of India,
 LHO-Mumbai Metro Circle,
 Bandra Kurla Complex,
 Bandra(E), Mumbai-400051.

Sub: Acceptance of Terms & Conditions of Tender.

Tender ReferenceNo: _____

Name of Tender / Work: -

.....

Dear Sir,

1. I / We have downloaded / obtained the tender document(s) for the above mentioned 'Tender/Work' from the web site(s) namely: [https:// bank.sbi/SBI](https://bank.sbi/SBI) as per advertisement, given in the above-mentioned website(s).
2. I / We hereby certify that I / we have read the entire terms and conditions of the tender documents of all pages (including all documents like annexure(s), schedule(s), drawing(s) etc.), which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.
3. The corrigendum(s) issued from time to time by department/ organization too has also been taken into consideration, while submitting this acceptance letter.
4. I / We hereby unconditionally accept all the terms and conditions of above mentioned tender document(s) / corrigendum(s) in its totality / entirety.
5. I / We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/Public sector undertaking/Private organization.
6. I / We certify that all information furnished by the our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then department/ organization shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract , without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit /Security deposit or both absolutely.

Date:
Place:

Signature of authorized person
Full Name & Designation:
Company's Seal

Architects Approach

Seal & Signature of the contractor



Annexure -5

OFFER FORWARDING LETTER/TENDER SUBMISSION LETTER
(To be typed submitted in the letter Head of the Company/firm of Bidder)

Offer Reference No..... Dated:.....

To,

The Assistant General Manager (P&E)
State Bank of India,
LHO-Mumbai Metro Circle,
BandraKurla Complex,
Bandra(E), Mumbai-400051.

Dear Sir,

Sub: Submission of Offer against Tender Specification No:.....

I/We hereby offer to carry out the work detailed in the Tender Specification issued by SBI,....., in accordance with the terms and conditions thereof.

I/We have carefully perused the following listed documents connected with the Tender documents and shall abide by the same.

- i) Amendments/Clarifications/Corrigenda/Errata/etc issued in respect of the Tender documents by SBI.
- ii) Notice Inviting Tender (NIT)/ (Technical Bid)
- iii) Financial Bid
- iv) Documents referred to in tender document
- v) Forms and Procedures

Should our Offer be accepted by SBI for Award, I/we further agree to furnish 'Security Deposit' for the work as provided for in the Tender Conditions within the stipulated time as may be indicated by SBI.

I/We further agree to execute all the works referred to in the said Tender documents upon the terms and conditions contained or referred to therein and as detailed in the appendices annexed thereto.

I/We have deposited/depositing herewith the requisite Earnest Money Deposit (EMD) as per details furnished in the tender document.

Place:

Date:

Architects Approach

Seal & Signature of the contractor



Annexure - 6

DECLARATION BY AUTHORISED SIGNATORY OF BIDDER

To,

The Assistant General Manager (P&E)
State Bank of India,
LHO-Mumbai Metro Circle,
Bandra-Kurla Complex,
Bandra(E), Mumbai-400051.

Dear Sir,

Sub: **Declaration by Authorized Signatory**

Ref: i) NIT/Title of the work. Name of Tender No.....,
ii) All other pertinent issues till date

I/We hereby certify that all the information and data furnished by me with regard to the above Tender Specification are true and complete to the best of my knowledge. I have gone through the specifications, condition, stipulations and other pertinent issues till date, and agree to comply with the requirements and Intent of the specification.

I further certify that I am authorized to represent on behalf of my company/firm for the above mentioned tender and a valid Power of Attorney/Authorization letter to this effect is also enclosed.

Yours faithfully,

(Signature, Date & Seal of Authorized Signatory of the Bidder)

Date :
Enclosed : Power of Attorney/Authorization letter



Annexure -7

DECLARATION CONFIRMING KNOWLEDGE ABOUT SITE CONDITIONS

To,

The Assistant General Manager (P&E)
 State Bank of India,
 LHO-Mumbai Metro Circle,
 Bandra -Kurla Complex,
 Bandra(E), Mumbai-400051.

Dear Sir,

Sub: **Declaration confirming knowledge about Site conditions**

Ref: i) NIT/Tender No.....,
 ii) All other pertinent issues till date

I/We _____ hereby declare and confirm that we have visited the site as referred in SBI Tender Specifications and acquired full knowledge and information about the site conditions including Wage structure, Industrial Climate, the Law & Order and other conditions prevalent at and around the site. We further confirm that the above information is true and correct and we shall not raise any claim of any nature due to lack of knowledge of Site conditions.

I/We, hereby offer to carry out works as detailed in above mentioned Tender Specification, in accordance with Terms & Conditions thereof.

Yours faithfully,

(Signature, Date & Seal of Authorized / Representative of the Bidder)

Date:
 Place:



Annexure -8

NO DEVIATION CERTIFICATE

To,

The Assistant General Manager (P&E)
State Bank of India,
LHO-Mumbai Metro Circle,
BandraKurla Complex,
Bandra(E), Mumbai-400051.

Dear Sir,

Sub: **Declaration by Authorized Signatory**

Ref: i) NIT/Tender No.....
ii) All other pertinent issues till date

We hereby confirm that we have not changed/modified/materially altered any of the tender documents as downloaded from the website/issued by SBI and in case of such observance at any stage, it shall be treated as null and void and his tender shall deemed to be withdrawn.

We also hereby confirm that we have neither set any Terms and Conditions and nor have we taken any deviation from the Tender conditions together with other references applicable for the above referred NIT/Tender Specification/Corrigendum /Addendum (if any).

We further confirm our unqualified acceptance to all Terms and conditions, unqualified compliance to Tender Conditions.

We confirm to have submitted offer in accordance with tender instructions and as per aforesaid reference.

Thanking you,

Yours faithfully,

(Signature, Date & Seal of Authorized Signatory of the Bidder)

Date:
Place:



Annexure -9

NON-DISCLOSURE UNDERTAKING

(To be typed and submitted in the Letter Head of the Company/Firm of Bidder)

NON-DISCLOSURE UNDERTAKING

I/We understand that SBI, LHO, Mumbai is committed to Information Security Management System as per their Information Security Policy.

Hence, I/We M/s. ----- Who are submitting offer for providing services to SBI, LHO, Mumbai against Tender Specification No.----- hereby undertake to comply with the following in line with Information Security Policy of SBI, LHO, Mumbai.

To maintain confidentiality of documents & information which shall be used during the period of the Contract.

The documents & information shall not be revealed to or shared with third party.

(Signature, date & seal of Authorized Signatory of the bidder)

Date:

Place:

Architects Approach

Seal & Signature of the contractor



Annexure -10

TECHNICAL PARAMETERS:

TECHNICAL PARAMETERS FOR TENDER FOR DESIGN, SUPPLY, INSTALLATION TESTING AND COMMISSIONING OF 1 NO OF 10 PASSENGER LIFT (G + 3F) AT STATE BANK OF INDIA, COMMERCIAL BRANCH MUMBAI, FORT, MUMBAI-400001

Note: -

Bidders to give item wise confirmation / comment against each parameter. Deviations if any shall be clearly brought out in this Performa.

The final design (interiors) of the passenger lifts shall be to the Consultant / SBI approval, however for the purpose of tendering lift contractor to include finishes per below. Bidder shall submit copies of their catalogues showing options of false ceiling, handrails, buttons, COP, hall lanterns, indicators.

TECHNICAL PARAMETERS :			
S. No	Item	Requirements as per Tender	Confirmation (Y/N) to be given by vendor
A)	General Specifications		
a)	General:-	Passenger Lift (A)	
1.1	Type	A-10 Passengers Lift	
1.2	Number of Lifts	01 No	
1.3	Capacity	680 Kgs (10 passengers) + Car Interior decoration with Designer Gold Finish	
1.4	Speed	1.0 mps	
1.5	Machine Type	PMSM Gearless (Located above shaft)	
	No of floors	G + 3 floors	
1.6	Number of Landings	4 on same side (G, 1, 2 & 3)	
1.7	Hoist way Size available	1890 mm (W) x 1880 mm (D)	
1.8	Travel	Approx. 14.00 meters (Travel shall be measured by bidders actual as per site and shall be confirmed)	
1.8.1	Overhead in mm	Existing 3750 mm	
1.8.2	Pit Depth in mm	Existing 1350 mm	
	Machine Room		
1.10	Machine room location	Machine Above (At Top)	
1.11	Control	CLOSED LOOP AC VVVF Yashakawa /Toshiba / L&T / Fuji Or Equivalent As Per Lift Act	
1.12	Operation	Simplex	

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	Car			
1.13	Car Enclosure	All Car panels in Stainless Steel Scratch Resistant Hair Line Finish.		
1.14	Car Ceiling	Stainless Steel False ceiling with Fan / pressure blowers and LED Lights / down lighters of 100 Lux illuminations as per direction of Architect / Bank		
1.15	Car Floor	Granite flooring of 20mm thick inside car of approved design and quality to be provided and installed by bidder.		
1.16	Car and Landing Doors (WxH)	Landing doors / Car Panel at all floors in Stainless Steel of Hair Line Finish. Automatic Center opening power operated. Delocking keyhole provision in car door. Car door with 1hour fire rating and landing door 2hours fire rating. 800mm(W) x 2000mm.(H)		
1.17	Car Size (WxDxH)	1300 mm (W) x 1350 mm (D) x 2200 (H) Minimum Clear Car height below false ceiling to be 2300 mm.		
1.18	Sill	Aluminum		
1.19	Car Operating Panel	Designer Gold Finish as approved by the Consultant / Bank's Engineer in Stainless Steel Hairline finish Car Operating Panel inside car with floor destination Barile buttons along with door open / close, emergency alarm, press and speak type intercom & attendant switch to be provided along with 16 segment LED / Dot Matrix Dynamic Car Direction display & Digital position Indicators. Bidder to provide the catalog		
1.20	Narrow Door frames	Stainless Steel Hairline finish or as approved by Client / Consultant		
B)	PARAMETERS COMMON TO ALL LIFTS			
	Machine			
1.1	Power Supply	3 phase 415V/220V, 50 Hz		



1.2	Acceptable Voltage Fluctuation	+10 to -10%		
1.3	Rate of Acceleration /Deceleration M/s ²	0.6-1.5		
1.4	Jerk(m/sec ³)	0.7-1.6		
1.5	Vibrations			
1.5.1	Horizontal Vibration:			
	a (x max PtP) & a(y maxPtP)	Max 20 mg		
	a(xA95) & a(yA95)	Max 15 mg		
1.5.2	Vertical Vibration:			
	a(x max PtP) & a(y maxPtP)	Max 20 mg		
	a(xA95) & a(yA95)	Max 15 mg		
1.6	Airborne Noise Levels			
1.6.1	Airborne Noise level in Car (ISO 18738:2003):			
	L(Aeq)	Max 48 dB(A)		
	L(P)	Max 57 dB(A)		
1.6.1	Airborne Noise level at landing door :			
	Door movement noise L(p_door)	Max 52dB(A)		
	Pass by noise (p_landing)	Max 48dB(A)		
1.6.3	Airborne Noise level in machine room			
	Airborne Noise L (p_mr)	Max 75 dB(A)		
1.7	Stopping Accuracy	± 3 mm to ± 5 mm		
	Leveling Accuracy	± 3 mm to ± 5 mm		
1.8	Door Drive	Direct drive doors with PM motor and closed loop VVVF door control		
1.9	Car panel & Door panel thickness	At least 1.5 mm		
FIXTURES / SIGNALS INSIDE CAR				
Stainless steel Car operating panel with following buttons and indications.				
1.10	Door open / Door Close	Door open and Door Close buttons with Symbol markings. Door hold button for service lifts		
1.11	ARD operation : Audio / Visual indication in car	To be provided		



1.12	Emergency Alarm Button	Emergency Alarm button with Bell symbol & the same should be at a distinct distance from the call buttons. Emergency Alarm button to be located along with Door open and Close Buttons at a height of 900±10 mm from floor level. Yellow pictogram to be provided. Alarm sound shall be siren type audible from at least 50 meters from the ground floor landing		
1.13	Auto Light / Fan Cutoff	Ventilation fan ON/OFF switch with auto switch off feature after 120 seconds of Lift at idle condition.		
1.14	Attendant Operation	Two position Key operated Attendant switch for with/without attendant operation		
1.15	Push buttons	LED Illuminated tactile Braille buttons of micro motion type corresponding to the floors served. The push buttons to be of robust SS Vandal Resistant type.		
1.16	Intercom & provision for EPABX	Three-way Built-in Press and speak type with 1 Master and 2 slave units in Car Machine room and Security room. Additionally, wiring provision for connecting Building EPABX with car phone with Rechargeable batteries.		
1.17	Car Display	For Passenger: 16 segment LED / Dot Matrix Car Direction display & Digital position indicators located at a conspicuous height above Car door. Bidder to provide inputs on Car displays as quoted		
1.18	Emergency Light	Emergency light with Rechargeable Sealed Maintenance free battery with 30 minute Backup.		
1.19	Emergency Alarm	Alarm with Rechargeable Sealed Maintenance Free batteries rated for 30 minutes.		
1.20	Over load warning	Audio / Visual Overload warning indicator to be provided.		
1.21	Voice Announcement	Floor Position Voice Announcement with background music. Please confirm the Tender specs.		
	Landing Indicators			
1.22	Hall Buttons	Hairline Stainless steel face plate with LED glow micro stroke push tactile Braille buttons.		



		To be located at a conspicuous height as per existing cutouts and layout – No modifications in cutout is desired and existing cutout has to be fully covered with new fixtures and faceplates		
1.23	No. of Risers per Lift	Two call buttons with position indicator at all intermediate floor. One call button with position Indicator at terminal floor.		
1.24	Car Chime	Chime on car		
Provision of Handicap Friendly features in Passenger Lifts				
1.26	Hand Rails	SS mirror hand rail on rear side only		
1.27	Braille Marking Buttons on Car operating panel and landing push buttons	All buttons to have Braille inscription.		
1.29	Voice Announcement	Voice announcement to announce the Floor position		
1.30	Infra-red door protection device	Multi beam infrared protection device so as to reverse the closing door in case of slight obstruction in the door way.		
SAFETY FEATURES & OTHER INCLUSIONS				
1.31	Fire Man Switch	Fire man's switch for all the lifts at Ground floor level. All lifts to have fireman mode - stage 1 and Fire lift to be with stage 1 & 2		
1.32	Door Protection	Multi beam infrared protection device so as to reverse the closing door in case of slight obstruction in the door way.		
1.33	Phase Reversal	Automatic Phase reversal device		
1.34	Over Load Device	Overload non-start and overload protection device.		
1.35	Buffers	Spring buffers		
1.36	Safety Governor	Electro-Mechanical type Safety governors for Car.		
1.37	Safety Instructions	Do's & Don'ts with emergency contact Numbers engraved on a SS Face plate displayed in the car		
1.38	Over travel protection	Terminal and final limit switches to be provided.		
1.39	Controller / Drive / Motor Protection	Trip Device for Over current, Under Voltage and Over voltage than the rated capacity. + 10%		
		· Motor overload / over torque		
		· Instantaneous over current		
		· Ground fault		
		· Under voltage		



		<ul style="list-style-type: none"> · Over voltage – 3phase · Output & Input phase loss · Phase reversal · Output short-circuit · Over speed · Spikes & Surges 		
1.40	ARD (Automatic Rescue Device)	ARD to be provided. (Detailed Literature of Make and working of ARD to be provided separately). ARD should operate for Minimum 03 times without recharging.		
1.41	Fire Rating of doors	Landing doors to have 2-hour fire resistance rating. Car Doors as per requirements of Fire brigade / PWD Dept. regulations to be provided. Certificates to be provided		
1.42	Intercom connection	Car and m/c room connectivity, to be provided and also security cabin at the gate		
1.43	CCTV, Fire Detector, Music, PA - Cable Provision.	Provision of suitable cables along the travelling cable for CCTV, Fire detector & Music inside the car to be provided. As per needs of the BANK		
1.44	One car blower	One car blowers to be connected thru power supply. (blower specification to be mentioned)		
1.45	Fascia Plates & Sill angles	Full height Fascia Plates and Sill angles to be provided. Apron of min. height 750 mm to be provided at car side.		
1.46	Pit Ladder	MS Pit ladder to be provided and securely fastened inside the pit.		
1.47	No Correction Run	System memory should be retained in the event of power failure or disturbance. Lifts should not go in to correction mode or correction run to the lowest floor / highest floor to update its position & memory.		
1.48	Safe Landing Feature	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 low speed and the doors will open.		
1.49	Ascending Car Over speed Protection Device	To be provided		
1.50	Unintended Car Movement Protection Device	To be provided		



1.51	Earthquake Operation if required under Lift Act for Mumbai region	Seismic sensors and auto isolation arrangement for safety to be provided. Counterweight derailment device or displacement switches to be provided.		
1.52	Other functions – anti nuisance, car call cancellation, next landing, bye pass, self-leveling, door time adjustment, independent operation & return operation	Please confirm inclusion of these features as described in clause 6 of technical specifications.		
1.53	Counter Weights	Metallic /Concrete filler weights to be provided.		
1.54	Major Components Service Life	<ul style="list-style-type: none"> · Ropes / Belts :- 8years · Over speed governor:- 20years · Traction machine / motor:- 20years · Door operator:- 20 years · Safety gear / block :- 20years · Travelling cables:- 10 years · Inverter Drive:- 20 years · Buffer:- 20years · Controller & circuits:- 10years · Contactor / Relays :10,00,000 operations 		
1.56	Annual Uptime Guarantee	96%		
1.58	Feature List	Standard included & options – to be provided		
1.59	Testing Tools & Tackles for performance / in stage checks with random checks from SBI & its representative	List of tools to be provided at this stage and tools to be made available during in stage/random checks by SBI & its representative		
1.60	Car top / machine room / pit – rotating / moving equipment full guarding; rope guards; car top rails provision	To be provided		
1.61	Electrical Safety Switch in case of removable Hand Winding Device	To be Provided		
C)	Associated Civil and structural items			
	All elevators related civil work and steel items to be included by the contractor.			
1.75	All Civil works required for installation of the lifts as per SCC clause 7.0 including any repairs in case of damage to walls, flooring etc. to restore the same to actual form and finishes.			
D)	Free Comprehensive Maintenance			



1.76	One Year Free Comprehensive Maintenance post successful installation and completion of all lifts in satisfactory operating condition.		
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Annexure-10 (A)

Data to be furnished by Bidder

S. No	ITEM	Quoted Data	Comments by Bidder
A	General	Passenger Lift - # P1	
1	Lift Capacity	680 Kgs + Car decoration with gold finish	
2	Max. Passengers (No)/Load	10	
3	Speed (m/s)	1.0	
4	M/C room location	At Top	
B	Traction Motor		
1	Type (Gearless)		
2	Rating (KW)		
3	Voltage (V) - rating		
4	Starting Current under full load		
5	Full Load Running Current		
6	Speed (R.P.M.)		
7	Insulation Class		
8	Max. starting torque (Kgf-m.)		
9	Temperature rise at full Load °C.		
10	Max. starts per hour		
11	Protection class (IP_ _)		
12	Feeder cable size requirement in sq.mm		
13	Heat Release data for m/c room equipment		
C	Roping / Belts - Hoist / Governor		
1	Number and Construction for Main hoist ropes		
2	Size of Main hoist ropes		
3	Number and Construction for Governor ropes		
4	Size of Governor ropes		
5	Roping ratio		
6	Factor of safety		
7	Material		
8	Under slung / Over slung arrangement		
D	Car / Cab		
1	Dead weight of car		



2	Counter weight (kgs)				
3	Counter weight Location (Rear/side)				
4	Illumination in LUX				
5	Details of car lighting				
6	Details of car ventilation - nos and type of fans				
7	Clear Car Height below false ceiling				
8	Grade of SS car				
E	Drive				
1	Make / Country of origin for V3F module				
F	Buffer				
1	Type				
G	Over speed Governor				
1	Tripping Speed				
2	Type				
3	Safety gear type - instantaneous / progressive / any other				
H	Doors				
1	Fire resistance rating of landing door				
2	Fire resistance rating of car door				
3	Door Operator type				
4	Screw less Hall Plate				
5	Grade of SS for car door / landing door				
I	Brake				
1	Type				
2	Liner material				
J	ARD				
1	Make				
2	No of operations that can take place w/o need for recharging (Minimum 03 required)				
K	Others (provided / not provided)				
1	Guide type (Guide shoes / Guide Rollers)				
2	Full height Fascia plates				
3	Apron of Min. height 750 mm				



Annexure-11

Check List For Lifts

S. No	Item	Confirmation (Y/N)	Comments by Bidder
1	Total no. of Lifts to be quoted - 1 nos.		
2	CAR Policy considered for all units		
3	1 years free maintenance/warranty considered		
4	Confirmation on total contract in Indian Currency as per SCC clause 3.3		
5	Proof of EMD submitted to SBI		
6	Finishes for all lift cars, car doors and landing doors to be supplied as per requirements mentioned in technical specifications of tender (Annexure- or as approved by Client /Consultants.		
7	Site visit confirmation document attached as per Annexure-7		

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