



भारतीय रिज़र्व बैंक / RESERVE BANK OF INDIA

संपदा विभाग, चेन्नै - 600 001 / Estate Department, Chennai - 600 001

(To be submitted via MSTC portal only)

E Tender No: RBI/Chennai/Estate/131/23-24/ET/190

Tender for Design, Supply, Installation, Testing and Commissioning of 3 Nos. of 16 Passenger Lifts in Main Office Building at Reserve Bank of India, Chennai

Date from which e-Tender will be available on MSTC website	17:00 Hrs. on June 12, 2023 onwards.
Date & time of Pre-bid meeting	Offline at 11:00 Hrs. on July 17, 2023
Last date of submission of e-Tender	15:00 Hrs. on July 31, 2023

DISCLAIMER

Reserve Bank of India, Estate Department, Chennai has prepared this document to give background information on the work to the interested parties. While Reserve Bank of India has taken due care in the preparation of the information contained herein and believe it to be in order, neither Reserve Bank of India nor any of its authorities or any of their respective officers, employees give any warranty or make any representations, express or implied as to the completeness or accuracy of the information contained in this document or any information which may be provided in association with it.

The information is not intended to be exhaustive. Interested parties are required to make their own inquiries and respondents will be required to confirm in writing that they have done so, and they do not rely only on the information provided by RBI in submitting the Tender. The information is provided on the basis that it is non – binding on Reserve Bank of India or any of its authorities or agencies or any of their respective officers, employees, agents or advisors.

Reserve Bank of India reserves the right not to proceed with the work or to change the configuration of the work, to alter the timetable reflected in this document or to change the process or procedure to be applied. It also reserves the right to decline to discuss the matter further with any party expressing interest.

No reimbursement of cost of any type will be paid to persons or entities expressing interest. Any amendments / corrigendum to the tender, if any, issued in future will only be notified on the RBI Website and MSTC Website and will not be published in the newspaper.

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भारतीय रिज़र्व बैंक / RESERVE BANK OF INDIA

संपदा विभाग, चेन्नै - 600 001 / Estate Department, Chennai - 600 001

Important Instructions (including Eligibility Criteria and Schedule of Tender)

E- Tender for Design, Supply, Installation, Testing and Commissioning of 3 Nos. of 16 Passenger Lifts in Main Office Building at Reserve Bank of India, Chennai

Reserve Bank of India invites online e-tenders for Design, Supply, Installation, Testing and Commissioning of 3 Nos. of 16 Passenger Lifts in Main Office Building at Reserve Bank of India, Chennai

Online Tenders by e-tendering process are invited for above work at Bank's Main Office Premises, Chennai. The e-tender is to be submitted through the website www.mstcecommerce.com. The work is estimated to cost **Rs.67.50 lakh** (Rupees Sixty-Seven lakh Fifty Thousand Only) and is to be completed within **32 weeks** from 14th day from the date of award of work.

Online Tenders will be available to view / download for all firms from **17:00 Hrs. on June 12, 2023**.

Pre-Qualification (PQ)/ Eligibility Criteria:

Intending tenderer should meet the following eligibility conditions to qualify for participation in the tender:

1. The tenderer should be the Original Equipment Manufacturer (OEM) of the passenger Lifts being offered by them, for minimum last 7 years i.e., existing as manufacturer since May 31, 2016.

and

2. The tenderer should have minimum 7 years of experience in the field of undertaking design, supply, installation, testing and commissioning (DSITC) of passenger lifts for large office buildings/commercial premises/industrial houses (work completed on or before May 31, 2016)

and

3. The tenderer should have executed successfully similar work(s) of DSITC of VVVF technology-based passenger lifts of minimum 16 passenger capacity with a travel of minimum 5 floors (i.e. minimum 5 stops) for large office buildings/commercial premises/industrial houses during last 5 years (works completed on or after May 31, 2018) individually costing as:

Three works each costing not less than the amount equal to 40% of the estimated cost

or

Two works each costing not less than the amount equal to 50% of the estimated cost

or

One work costing not less than the amount equal to 80% of the estimated cost

and

4. The tenderer should have a minimum annual **turnover of the estimated cost** during the last 3 financial years

and

5. The tenderer should have a service set up for lifts in Chennai.

and

6. The tenderer should have installed at least ten numbers of Passenger Lifts of the same make as being offered in this tender, in Chennai during the last 7 years and the same should be currently being maintained by the tenderer.

And

7. The tenderer shall possess valid Quality standard certification for the passenger lifts conforming to IS/ISO-9001:2015 for manufacturing, installation, testing, commissioning and maintenance as amended

and

8. **SOLVENCY**: The intending tenderer should submit the latest Solvency Certificate issued by the firm's Banker for the estimated cost of work in the given format.

Only tenderers who qualify as above will be eligible to participate in the tender for the work.

The required documents evidencing compliance of all the above criteria (Pre-Qualification Papers) super scribed as "Pre-Qualification documents for Design, Supply, Installation, Testing and Commissioning of 3 Nos. of 16 Passenger Lifts in Main Office Building at Reserve Bank of India, Chennai addressed by name to Regional Director, Reserve Bank of India, Chennai shall be submitted to Estate Department, Bank's Main Office Premises, Chennai latest by **17:00 Hrs. on July 03, 2023.** for Bank's examination. Alternatively, the scanned copy of all the PQ document may be forwarded to mail id: estatechennai@rbi.org.in latest by **17:00 Hrs. on July 03, 2023.** However, those firms who have forwarded the scanned copies through mail has to submit the original copies of PQ documents on or before **July 05, 2023.**

The contractors shall also be required to furnish, at the time of submitting Pre-Qualification papers the following information in writing along with documents to satisfy the Bank about their eligibility for participating in the tendering process:

a)	Composition of the firm.	Full particulars (whether contractor is an individual or a partnership firm or a company etc.) of the composition of the firm of contractors in detail should be submitted along with the name(s) and address(es) of the partners, copy of the Articles of Association /power of Attorney/any other relevant document.
b)	Work experience and completion of similar works of specified during the specified period	Copies of the detailed work orders for the qualifying works indicating date of award, value of awarded work, time given for completing the work, etc. and the corresponding completion certificates indicating actual date of completion and actual value of executed similar works should be enclosed in proof of the work experience.
		The details along with documentary evidence of previous experience if any, of carrying out works for the Reserve Bank of India at any centre should also be given.
c)	Creditworthiness of contractor & over during the specified period	Copies of the Income Tax Clearance Certificates/Income Tax Assessment orders along with the latest final accounts of the business of the contractor duly certified by a Chartered Accountant should be enclosed in proof of their creditworthiness and turnover for last three financial years.
d)	Name(s) and address(es) of the Bankers and their Present executives	Written information about the names and address of their bankers along with full details like names, postal addresses, e-mail IDs, telephone

		(landline and mobile) nos., fax nos. etc. of the contact executives (i.e. the persons who can be contacted at the office of their bankers by the Bank, in case it is so needed) should be furnished.
e)	Details of bank accounts	Full particulars of their bank accounts, like account no., type, when opened etc. should be given
f)	Name(s) and address(es) of the Clients and their Present contact executives.	Written information about the names and addresses of their clients along with full details, like names, postal addresses, e-mail IDs, telephone (landline and mobile) nos., fax nos. etc. of the contact executives (i.e. the persons who can be contacted at the office of their clients by the Bank in case it is so needed) should be furnished.
g)	Details of completed Works	The client-wise names of work(s), year(s) of execution of work(s), awarded and actual cost(s) of executed work(s), completion time stipulated in the contracts (s) and actual time taken to complete the work(s), names and full contact-details of officers/authorities/departments under whom work(s) was/were executed should be furnished.

In the event of intending tenderer's failure to satisfy the Bank, the Bank reserves the right to refuse their participation/reject their tender.

Tender forms will be available for download on MSTC Website <http://www.mstcecommerce.com> from **17:00 Hrs. on June 12, 2023**. A pre-bid meeting of the eligible bidder (who meets the PQ criteria) will be held on **July 17, 2023 at 11:00 AM** in Estate Department Bank's Main Office Premises, Chennai.

An EMD of Rs 1,35,000/- (Rupees One lakh Thirty Five Thousand Only) shall be submitted by the eligible tenderer on or before 14:00 Hrs. on **July 31, 2023** in the form and manner as prescribed in the Part-I of the tender.

Tender in prescribed form shall be submitted in two parts in online mode. Part-I tender will contain an online undertaking towards acceptance of Bank's standard technical and commercial conditions (all sections and schedules respective annexures) for the proposed work, tenderers' covering letter (scanned copy to be uploaded) and Part-2 (Price bid) to be filled online.

Part I of the tenders will be opened at **16:00 Hrs. on July 31, 2023** in the online mode. Part II of the online tender will be opened on subsequent date, with due intimation to the eligible tenderers through email.

The applicants /tenders have to submit in a sealed envelope /cover:

- Client's certificate as per format mentioned in the tender.
- Banker's/solvency certificate as per format mentioned in the tender.

The certificates should be addressed to Smt. Uma Sankar, Regional Director, Reserve Bank of India, Estate Department, 16, Rajaji Salai, Chennai 600 001 and shall be submitted on or before due date for submission. The client's certificate shall be accepted only when the same is signed by an official of the rank of Executive Engineer or equivalent in respect of a Government/Semi Government organization or a PSU. The client's certificate issued by the private organizations shall also accompany Tax Deducted at Source (TDS) certificates. Applications/tenders received without the above certificates are liable for rejection. The Bank shall have the right to independently verify these certificates.

The Bank shall evaluate the said reports before evaluation of price bid of the tenderers. If any tenderer is not found to possess the required eligibility for participating in the tendering process at any point of time and/or his performance reports received from his clients and/or his bankers are found unsatisfactory, the Bank reserves the right to reject his offer even after opening of Part-I of the tender. The Bank is not bound to assign any reason for doing so.

The Bank is not bound to accept the lowest tender and reserves the right to accept either in full or in part any tender. The Bank also reserves the right to reject any or all the tenders without assigning any reason thereof

SCHEDULE OF TENDER (SOT)

i.	e-Tender No.	RBI/Chennai/Estate/131/23-24/ET/190
ii.	Name and location of the work.	Design, Supply, Installation, Testing and Commissioning of three passenger lifts (16 persons capacity) in Bank's Main Office Premises, Chennai
iii.	Name & address of tender inviting authority.	The Regional Director, Reserve Bank of India, Estate Department, Fort Glacis, 16, Rajaji Salai, Chennai-600001. Tel No.: 044 - 2539 9250/9922 E Mail id: estatechennai@rbi.org.in
iv.	Estimated cost put to tender.	₹67.50 lakh. (Rupees Sixty-seven Lakh Fifty thousand only) incl. of GST.
v.	Earnest Money Deposit (EMD).	₹1,35,000/- from each bidder
vi.	Period of completion.	32 weeks.
vii.	(a) Tender documents available on and to be downloaded / submitted through e-Tender mode.	Through Bank's approved e-Tender portal https://mstcecommerce.com/eprhome/rbi/
	(b) Period during which Tender documents will be available in the MSTC e-tender portal.	From 17:00 Hrs. of June 12, 2023 to 15:00 Hrs. on July 31, 2023.
viii.	Important instructions on e-Tender and amount of transaction fee to be paid.	For instructions on e-Tender, please refer to the Annexure I: Important Instructions for E – Procurement of the tender document. e-Tender transaction fee shall be paid in the MSTC Website as applicable.
ix.	Last date of submission of Pre-Qualification (PQ) papers	Up to 17:00 Hrs. of July 03, 2023
x.	Pre-bid meeting (offline).	11:00 Hrs. on July 17, 2023 at Estate Department, Reserve Bank of India, Fort Glacis, Rajaji Salai, Chennai - 600001. Note: The participants are advised to confirm their participation one day before to make the necessary arrangements through mail ids mentioned
xi.	Date of Starting of e-Tender for submission of bid (online) -Techno-commercial (Part I) bid and Price-bid (Part II).	16:00 Hrs. on, July 20, 2023
xii.	Last date and time of submission of bid (online) -Techno-commercial (Part I) bid and Price-bid (Part II).	15:00 Hrs. on July 31, 2023.
xiii.	Date & time for opening of Techno-commercial bid (Part I).	16:00 Hrs. on July 31, 2023.
xiv.	Date & time for opening of Price-bid (Part II) bid.	Will be communicated subsequently to the eligible bidders through e-mail.
xv.	Validity of the tender	03 months from the date of opening of the PART- I of the Tender.
xvi.	Transaction fee	Payment of Transaction fee as mentioned in the MSTC portal through MSTC payment gateway/NEFT/RTGS in favour of MSTC LIMITED.

xvii.	Contact details of tender inviting authority personnel.	<p>(i) Shri. Rajesh N Pai (AGM, Estate Department) 044 - 2539 9250/ 9922 raieshnpai@rbi.org.in</p> <p>(ii) Smt. Revati Kottakota (AGM-Tech), Estate Department) 044 - 2539 9261 revatikottakota@rbi.org.in</p> <p>(iii) Shri. Rajesh Bonagiri (Assistant Manager, Estate Department) 044 - 2561 9066 / 91605 41941 / rajeshbonagiri@rbi.org.in</p>
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Section I
Form of Tender/Bid

Place:

Date:

To

The Regional Director

Reserve Bank of India

Estate Department, Fort Glacis-16,

Rajaji Salai, P.B.No 40

Chennai-600 001

Dear Sir,

Having read and examined the Notice Inviting tender, specifications, schedule of quantities, various schedules, General conditions of contract and clauses, Special conditions of contract, General rules and instructions to bidders and all other contents in the tender document for the work specified in the memorandum hereinafter set out and having examined the site of the works 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 within the time specified in the said memorandum at the rates mentioned in the attached schedule of quantities and in accordance in all respects with the specifications, designs and instructions in writing referred to in Conditions of Contract, the Articles of Agreement, Special Instructions, Schedule of Quantities and Special 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		Design, Supply, Installation, Testing and Commissioning of 3 Nos. 16 Passenger Lifts in Main Office Building at Reserve Bank of India, Chennai
(b)	Estimated Cost		₹ 67.5 lakh
(c)	Earnest Money (Rs.)	:	₹1,35,000/- (As specified in Schedule 'E' of the Tender)
(d)	Performance Guarantee	:	Bank Guarantee from any scheduled Bank for an amount as specified in Special conditions of contract to be submitted by successful bidder.

(e)	Percentage, if any, to be deducted from each bill	:	NIL
(f)	Time allowed for completion of the work	:	32 weeks from 14 th day of date of work order (As specified in Schedule 'E' of the Tender)

We agree to keep the tender open for the validity period specified in Schedule 'E' of the tender and not to make any modification in its terms and conditions during the validity period or any other extended period as agreed mutually.

A sum as specified in **Schedule 'E'** of the Tender towards Earnest Money Deposit (EMD) is hereby forwarded in the form as specified in Schedule 'E' of the tender document. If I/We, fail to furnish the prescribed Performance Bank Guarantee (PBG) within the prescribed period, I/We agree that the Reserve Bank of India or its successors, in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/We fail to commence work as specified, I/We agree that Reserve Bank of India or its successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said performance guarantee absolutely. The said Performance Guarantee shall be a guarantee to execute all the works referred to in the tender document upon the terms and conditions contained therein. On submission of PBG, the EMD will be released to the successful bidder.

Further, I/We agree that in case of forfeiture of Earnest Money or Performance Guarantee as aforesaid, I/We shall be debarred from participation in the further e-tendering process of the work.

I/We undertake and confirm that eligible similar work(s) has/have not been got executed through another contractor on back-to-back basis. Further that, if such a violation comes to the notice of Reserve Bank of India, then I/We shall be debarred from tendering in Reserve Bank of India in future. Also, if such a violation comes to the notice of Reserve Bank of India before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.

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

I/We understand and agree that you reserve the right to accept or reject any or all the tenders either in full or in part without assigning any reason therefor.

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 they may be applicable or in default thereof to forfeit and pay to the Reserve Bank of India the amount mentioned in the said conditions.

Our bankers are (Name and full address)

(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 Bidder

Signatures and addresses of witnesses

	Signature	Address
(i)		
(ii)		

Section II

1. Scope of work and Project Information

Description of Work:

Design, Supply, Installation, Testing and Commissioning of 3 Nos. of 16 Passenger Lifts in Main Office Building at Reserve Bank of India, Chennai

The scope of work shall include the following.

Design and manufacture 3 Nos. of 16 Passenger Lifts along with all accessories/components as per tender specifications.

Delivery of lift equipment to site including packing, handling, transporting, clearing, loading/unloading at ports in India and unloading at site in phased manner, as approved by Engineer-in-charge.

Obtaining the license from the lift licensing authority for dismantling the existing lifts along with all allied equipment and accessories in phased manner as per the requirement in consultation with Bank's Engineer.

Erection, testing & commissioning of lift equipment as per technical specifications, obtaining statutory approval from lift inspectorate for dismantling the old lift, erection of the new lift and operating the newly installed lift and handing over the lifts to Bank including obtaining the license to operate the lift from the lift licensing authority in phased manner, as approved by Engineer-in-charge.

New support MS beams / hooks for rope brake test as per electrical inspector requirements shall also be provided by vendor.

Providing all inclusive service including all spares, etc. during warranty period of new lifts and subsequent comprehensive Annual Maintenance Contract for the committed period of 19 years (minimum.) from the date of expiry of 1 year Defect Liability Period to the Bank. The warranty period of one year will commence after completion of each lift. After completion of one-year defect liability period lifts will be under CAMC.

All engineering, equipment, labour, and permits required to satisfactorily complete lift replacement required by this Specification.

Any other work, related to but not mentioned above, required for completion of the job

In addition to the above works, following works shall be deemed to be included within the scope of work to be done by the contractor:

Scaffolding necessary for erection, and all minor builder's work for cutting away and making good to walls and masonry work required, including repairs to plaster, painting etc. Further, all chase cutting and openings as required by the Lift Contractor and

shown on his drawings, will be carried out by the Lift Contractor. Provision of RS joists and/or MS channels for support of lift machinery and buffers shall be supplied and erected by the Lift Contractor. The internal earthing of all the lift components including power and control panel in the machine room to be done by the contractor. Also, the two coats of whitewash by using acrylic distemper color as approved by the Bank for the entire lift shaft walls including machine room walls and ceiling shall done by the contractor. Contractor shall also provide temporary barricades with caution boards at each landing to prevent accident during execution of work. New steel ladder shall be provided for access to the lift pit wherever required under regulations.

However, a lift well with suitable pit and head room, machine room properly lighted and ventilated, will be provided by the Bank. Also, necessary electric feed wires and main switch in the machine room and door openings with architrave will be provided by the Bank. New main power disconnecting switches for each individual lift for the 415 Volt, 3-Phase AC Power located in machine room shall be provided by the Bank. A dedicated earthing for each lift or as recommended by the contractor shall be provided by the Bank up to the machine room earthing junction. Also wiring in the lift shaft for lighting shall be done by the employer.

Providing waterproofing treatment for lift-pits as per standard or as recommended by the OEM shall be provided by the Bank.

It is not the intent to specify completely herein all details of the works covered under this tender. Scope of work may also include such other related works as indicated in the schedule of quantities although they may not be specifically mentioned in the above paragraphs and all such incidental items of works not specified but reasonably implied and necessary for completion of the job as a whole, as directed by the Engineer-in-Charge and as directed hereunder. All works shall conform in all respects to high standards of engineering, design and workmanship and shall fulfill the anticipated performance during the expected life of the system.

I/We hereby declare that I/we have read and understood the above information.

Place:

Signature of the tender

Date:

Section III

General Rules and Instructions to the bidders

1	e-tenders are invited for the work in two parts.
	Process of E-tender:
	<p>Registration: The process involves vendor's registration with MSTC e-procurement portal which is free of cost. Only after registration, the vendor(s) can submit his/their bids electronically. Electronic Bidding for submission of Technical Bid as well as Commercial Bid will be done over the internet. The Vendor should possess Class III signing type digital certificate. Vendors are to make their own arrangement for bidding from a P.C. connected with Internet. MSTC is not responsible for making such arrangement. (Bids will not be recorded without Digital Signature).</p> <p>SPECIAL NOTE: THE TECHNICAL BID AND THE COMMERCIAL BID HAS TO BE SUBMITTED ON-LINE AT www.mstcecommerce.com/eprochome/rbi</p> <p>1). Vendors are required to register themselves online with www.mstcecommerce.com→ e-Procurement →PSU/ Govtdepts→ Select RBI Logo-</p> <p>>Register as Vendor – Filling up details and creating own user id and password→ Submit.</p> <p>2) Vendors will receive a system generated mail confirming their registration in their email which has been provided during filling the registration form.</p> <p>In case of any clarification, please contact RBI/MSTC, (before the scheduled time of the e- tender).</p> <p><u>Contact Persons (RBI - During Office Hours only):</u></p> <p>Smt. Revati Kottakota (Asst General Manager – Electrical) 044- 2539 9261/ (revatikottakota@rbi.org.in)</p> <p>Shri. Randeep Sangwan (AM-Electrical) 044-2539 9820 (randeepsangwan@rbi.org.in)</p> <p>Shri. Rajesh Bonagiri (Asst. Manager, Estate Department) 044-2539 9066 (rajeshbonagiri@rbi.org.in)</p> <p><u>Contact Persons (MSTC Ltd – During Office Hours only):</u></p>

	<p>Shri. Shanmugam - 9176397264</p> <p>Email id: nshanmugam@mstcindia.co.in</p> <p>Shri. J Damodaran– 9841002253</p> <p>Email id: jdamodaran@mstcindia.co.in</p> <p>MSTC Help Line:9499054101/2/3/4.</p> <p>Email id : helpdesk@mstcindia.co.in</p> <p>B) System Requirement:</p> <p>i) Windows 7 or above Operating System</p> <p>ii) IE-7 and above Internet browser.</p> <p>iii) Signing type digital signature</p> <p>iv) Latest updated JRE 8 (x86 Offline) software to be downloaded and installed in the system.</p> <p>To disable “Protected Mode” for DSC to appear in The signer box following settings may be applied.</p> <p>Tools => Internet Options => Security => Disable protected Mode If enabled- i.e, Remove the tick from the tick box mentioning “Enable Protected Mode”.</p> <p>Other Settings:</p> <p>Tools => Internet Options => General => Click On Settings under “browsing history/Delete Browsing History” => Temporary Internet Files => Activate “Every time I Visit the Webpage”.</p> <p>To enable ALL active X controls and disable ‘use pop up blocker’ under Tools→Internet Options→ custom level (Please run IE settings from the page www.mstcecommerce.com once)</p>
	<p>The Techno-commercial Bid and the Price Bid shall have to be submitted online at www.mstcecommerce.com/eprochome/rbi.</p> <p>Tenders will be opened electronically on specified date and time as given in the Tender.</p>
	<p>All entries in the tender should be entered in online Technical & Commercial Formats without any ambiguity.</p>
	<p>Special Note towards Transaction fee:</p>
	<p>The vendors shall pay the transaction fee using “Transaction Fee Payment” Link under “My Menu” in the vendor login. The vendors have to select the particular</p>

	<p>tender from the event dropdown box. The vendor shall have the facility of making the payment either through NEFT or Online Payment. On selecting NEFT, the vendor shall generate a challan by filling up a form. The vendor shall remit the transaction fee amount as per the details printed on the challan without making change in the same. On selecting Online Payment, the vendor shall have the provision of making payment using its Credit/ Debit Card/ Net Banking. Once the payment gets credited to MSTC's designated bank account, the transaction fee shall be auto authorized and the vendor shall be receiving a system generated mail.</p> <p>Transaction fee is non-refundable.</p> <p>A vendor will not have the access to online e-tender without making the payment towards transaction fee.</p> <p>NOTE</p> <p>Bidders are advised to remit the transaction fee well in advance before the closing time of the event so as to give themselves sufficient time to submit the bid.</p>
	<p>Information about tenders /corrigendum uploaded shall be sent by email only during the process till finalization of tender. Hence the vendors are required to ensure that their corporate email I.D. provided is valid and updated at the time of registration of vendor with MSTC. Vendors are also requested to ensure validity of their DSC (Digital Signature Certificate).</p> <p>E-tender cannot be accessed after the due date and time mentioned in NIT.</p>
	<p>Bidding in e-tender :</p> <p>a) Vendor(s) need to submit necessary EMD, Tender fees and Transaction fees (If ANY) to be eligible to bid online in the e-tender. Tender fees and Transaction fees are non-refundable. No interest will be paid on EMD. EMD of the unsuccessful vendor(s) will be refunded by the tender inviting authority.</p> <p>b) The process involves Electronic Bidding for submission of Technical and Commercial Bid.</p> <p>c) The vendor(s) who have submitted transaction fee can only submit their Technical Bid and Commercial Bid through internet in MSTC website www.mstcecommerce.com → e-procurement → PSU/Govt depts → Login under RBI → My menu → Auction Floor Manager → live event → Selection of the live event</p> <p>d) The vendor should allow running JAVA application. This exercise has to be done immediately after opening of Bid floor. Then they have to fill up Common Terms/Commercial specification and save the same. After that click on the Technical bid. If this application is not run then the vendor will not be able to Save/submit his Technical bid.</p> <p>e) After filling the Technical Bid, vendor should click 'save' for recording their Technical bid. Once the same is done, the Commercial Bid link becomes active and the same has to be filled up and then vendor should click on "save" to record their Commercial bid. Once both the Technical bid & Commercial bid has been saved, the vendor can click on the "Final submission" button to register their bid</p>

	<p>) Vendors are instructed to use Attach Doc button to upload documents. Multiple documents can be uploaded.</p> <p>g) In all cases, vendor should use their own ID and Password along with Digital Signature at the time of submission of their bid.</p> <p>h) During the entire e-tender process, the vendors will remain completely anonymous to one another and also to everybody else.</p> <p>i) The e-tender floor shall remain open from the pre-announced date & time and for as much duration as mentioned above.</p> <p>j) All electronic bids submitted during the e-tender process shall be legally binding on the vendor. Any bid will be considered as the valid bid offered by that vendor and acceptance of the same by the Buyer will form a binding contract between Buyer and the Vendor for execution of supply.</p> <p>k) It is mandatory that all the bids are submitted with digital signature certificate otherwise the same will not be accepted by the system.</p> <p>l) Buyer reserves the right to cancel or reject or accept or withdraw or extend the tender in full or part as the case may be without assigning any reason thereof.</p> <p>m) No deviation of the terms and conditions of the tender document is acceptable. Submission of bid in the e-tender floor by any vendor confirms his acceptance of terms & conditions for the tender.</p>
	Any order resulting from this tender shall be governed by the terms and conditions mentioned therein.
	No deviation to the technical and commercial terms & conditions are allowed.
	The tender inviting authority has the right to cancel this e-tender or extend the due date of receipt of bid(s) without assigning any reason thereof.
	Vendors are requested to read the vendor guide and see the video in the page www.mstcecommerce.com/eprochome to familiarize them with the system before bidding.
2	<p>Integrity pact</p> <p>The bidders/ prospective vendors shall be required to enter into an agreement with the Reserve Bank of India (RBI) called Integrity Pact (IP). The IP envisages an agreement between the RBI and the bidders/ prospective vendors as per the approved proforma annexed hereto, committing the persons/ officials of both sides not to resort to corrupt practices in any aspect/ stage of the contract. The IP shall be applicable from the stage of invitation of bids till the complete execution of the contract. The tenders of those bidders/ prospective vendors which do not contain the IP in the approved proforma shall be liable for rejection. The bidders may upload the scanned copy of the IP agreement, duly signed, as part of document submission. The original hard copy may be submitted in the office during opening of the part-I of the tender.</p>

	Provided however, that the Integrity pact shall be applicable when specifically provided in Schedule 'E'.	
3	Tender Fees The Bidder shall pay nonrefundable Tender Fee as specified in Schedule 'E'. Any bids not accompanied by the Tender Fees shall be rejected and shall not be considered for further evaluation / processing.	
4	Clarifications and pre-bid meeting <p>If the contractor shall have any doubt as to the meaning of any portion of the general conditions, or the special conditions or the scope of the work or the specifications and drawings or any other matter concerning the work, he shall in good time, before the scheduled date of Pre-bid meeting, put forth the particulars thereof and submit them to the RBI, in writing, addressed to the Tender Inviting Authority, specified in Schedule 'E' in order that such doubts may be clarified authoritatively during Pre-bid meeting and shall be conveyed to all the bidders in due course. Once a tender is submitted, the matter will be decided according to tender conditions in the absence of such authentic pre-clarification.</p> <p>In order to explain the scope of work, other details and to clarify any issues/ queries raised by the bidders, a Pre-bid meeting shall be arranged on the date, time and venue specified in Schedule 'E'. The bidders are advised to peruse the tender and visit the site and submit any matter requiring clarification to the RBI latest by 5:00 PM on the previous working day. In case the bidder wishes to include any condition while tendering for the work, he will have to submit the same before the pre-bid meeting to enable the RBI to examine/ consider the same. RBI's decision in the matter shall be conveyed to all the bidders after pre-bid meeting but before the scheduled date of submission of the tenders. All the bidders are advised to attend the Pre-bid meeting in their own interest. Any tender received with any deviation/ Condition is liable for rejection.</p>	
5	Amendment to Tender document	
	i)	At any time prior to the deadline for the submission of tender/ Bids, RBI may, for any reason, whether at its own initiative or in response to a clarification or query raised by a prospective Bidder, modify any part of the tender document by an amendment.

	ii)	The said amendment in the form of the addendum/ corrigendum will be sent to all the prospective Bidders who have paid the registration fee for the Tender in case of open tenders and all the enlisted contractors, in case of limited tenders. This communication will be in writing and the same shall be binding on the Bidders. Prospective Bidders should promptly acknowledge receipt of the addendum/ corrigendum by fax/courier/e-mail to RBI. The amendments would also be made available on the website of RBI in case of open tenders. The Bidders, especially those who have downloaded the tender document are strongly advised to regularly visit the website www.rbi.org.in to ensure that they are aware of the amendments, if any. The addendum (s), if any, issued will form part of the contract document.
	iii)	In order to afford prospective Bidders reasonable time for preparing their Bids after taking into account such amendments, the RBI may, at its discretion, extend the deadline for submission of Bids.
6	Tender not a Lump sum tender	
	The Bidder should note that this tender is neither a fixed Lump sum tender nor a Piece Work tender but is a tender to carry out the work in respect of Design, Supply, Installation, Testing and Commissioning of 3 Nos. 16 Passenger Lifts in Main Office Building at Reserve Bank of India, Chennai as per the detailed specifications, terms and conditions etc. to be paid for according to actual measured quantities at the rate contained in the Schedule of rates or as provided in the said Conditions.	
7	Preparation of bid and Cost of bidding	
	i)	The bidder must obtain for himself on his own responsibility and at his own expenses all the information which may be necessary for the purpose of making a tender and for entering into a contract and must examine the drawings and must inspect the site of the work and acquaint himself with all local conditions, means of access to the work, nature of the work and all matters pertaining thereto.
	ii)	The Contractor shall be deemed to have carefully examined the work and site conditions including labour, the general and special conditions, the specifications, schedules and drawings and shall be deemed to have visited the site of work, to have fully informed himself regarding the local conditions and carried out his own investigations to arrive at the rates quoted in the tender. In this regard, he will be given necessary information available with the RBI but without any guarantee about its sufficiency and accuracy.
8	Format to be used	
	The bidder must fill up and submit only the tender forms/formats made available by the RBI, stating at what rate he is willing to undertake each item	

	of the work. Tenders, which propose any alteration in the work specified in the said form of invitation to tender, or in the time allowed for carrying out the work, or which contain any other conditions of any sort, including conditional rebates, will be liable for rejection.	
9	Filling of Rates	
	i)	Rates should be quoted for each item of work both in figures and words in columns specified in the Schedule of Quantity. Care shall be taken to avoid discrepancy in the rate given in figures and words. The amount for each item should be worked out and requisite totals should be given in the specified column.
	ii)	In the event, no rate has been quoted for any item(s), leaving space both in figure(s), word(s) and amount blank, the rate for the item shall be considered as 'Zero' and the tender shall be evaluated accordingly.
	iii)	No advice of any change in rate or conditions after the opening of the tender will be entertained.
10	Earnest Money Deposit(EMD)/Bid security	
	i)	The bidders are required to submit Earnest Money Deposit (EMD)/ Bid Security for an amount as specified in Schedule 'E' along with the tender (Part –I) in the manner as specified in Schedule 'E'.
	ii)	A tender, which is not accompanied by EMD, will not be considered. The Earnest Money will be refunded to the bidder if his tender is not accepted but without any interest.
	iii)	Under no circumstances, Earnest Money Deposit will be accepted in the form of fixed deposit receipt of Bank or Insurance Guarantee or cheque.
	iv)	The Earnest Money Deposit paid by the successful bidder shall be held by the Reserve Bank of India as security for the execution and due fulfillment of the contract and shall be returned as specified in Schedule 'F'. No interest shall be paid on the said deposit.
11	Signing of Bid, Power of Attorney	
	i)	Each of the tender documents should be signed by the person or persons submitting the tender in token of his/their acquainted himself/themselves with the General Conditions of Contract, Specifications, Special Conditions and other terms and conditions etc. as laid down.
	ii)	The tender submitted on behalf of a firm must be signed separately by each partner of the firm or in the event of the absence of any partner, it must be signed on his behalf by a person holding a power-of attorney

		authorizing him to do so, such power of attorney to be produced with the tender, or it must be signed by a partner who has the necessary authority on behalf of the firm to enter into the proposed contract and it must disclose that the firm is duly registered under the Indian Partnership Act, 1952. Otherwise the tender may be rejected by RBI.
	iii)	Bidders shall upload, along with Part-I of the tender, a scanned copy of the power of attorney, on a stamp paper of appropriate value and duly notarized, in favour of the person signing the Bid documents authorizing him to sign the Bid documents, make corrections/modifications thereto and interacting with Reserve Bank of India and act as the contact person. The sample of proforma of the power of attorney shall be as annexed hereto. The hard copy shall be submitted in office subsequently.
12	Modification / substitution / Withdrawal of Bids	
	i)	No modification or substitution of the submitted Bid shall be allowed after the due date and time of submission of the tender.
	ii)	A Bidder may withdraw its submitted Bid, provided that written notice of the withdrawal is received by RBI before the last date for submission of Bids. In case a Bidder wants to resubmit his Bid, he shall submit within the due date a fresh Bid following all the applicable conditions.
	iii)	Only a single copy of the withdrawal notice shall be prepared, and each page of the notice shall be signed and stamped by the authorized signatory. The notice shall be duly marked "WITHDRAWAL"
13	Bid Due Date	
	Bids should be uploaded and submitted on or before the stipulated time and date as specified in Schedule 'E'.	
	Reserve Bank of India may, in exceptional circumstances, and at its sole discretion, extend the Bid due date.	
14	Late Bids	
	Any Bid received after the last date and time specified for submission of Bids in Schedule 'E' or after the extended Bid due date, if any, will be treated as "Late Bid" and will not be opened /considered by RBI.	
15	Opening of Bids	
	The Part I of the tender, will be opened on the time and date, as specified in Schedule 'E', at his office, by the tender inviting authority, as specified in Schedule 'E', or his authorized representative in the presence of authorized representatives of the bidders who choose to be present.	
	The duly filled-in Part II of the tender, of those bidders, who are found qualified after scrutiny of Part I of the tender documents, only will be opened	

	in presence of the authorized representatives of the qualified bidders on a subsequent date which will be intimated to all the qualified bidders.	
16	Bid Validity	
	Tenders shall remain open to acceptance by the RBI for a period as specified in Schedule 'E' from the date of opening of the Part- I of the tender which period may be extended by mutual agreement and the bidder shall not cancel or withdraw the tender during this period.	
17	Clarification & Evaluation of Bids	
	RBI would subsequently examine and evaluate bids as below:	
	i)	Price Bids of only those Bidders who are technically qualified shall be opened.
	ii)	Rates quoted for each item shall be considered during verification/ scrutiny.
	iii)	If the rates written in figures and in words do not tally, then the rates quoted by the contractor in words shall be taken as correct.
	iv)	Where the rates quoted by the contractor in figures and in words tally, but the amount is not worked out correctly, the rates quoted by the contractor will be taken as correct and the amount will be worked out accordingly.
	v)	To assist in the examination, evaluation and comparison of the bid, RBI may ask Bidders individually for clarifications. The request for clarification and the response shall be in writing. No change in the price or substance of the Bid shall be sought, offered or permitted except as required during the evaluation of Bids in accordance with tender clauses.
	vi)	In the case of any tender where unit rate of any item/items appears unrealistic, such tender will be considered as unbalanced and in case the tenderer is unable to provide satisfactory explanation, such a tender is liable to be disqualified and rejected.
	vii)	In case the lowest tendered amount (worked out on the basis of quoted rate of Individual items) of two or more bidders is same, then such lowest bidders may be asked to submit a sealed revised offer quoting percentage discount on their already quoted tendered amount which shall be applicable on all tender items except buy-back amount and Annual Maintenance Contract (AMC) amount, if any. The lowest tender shall be decided on the basis of revised offer. Further, if any such lowest bidder does not revise his bid on lower side, his original bid shall remain valid for further processing.

	viii)	If the revised tendered amount (worked out on the basis of quoted rate of individual items) of two or more bidders received in revised offer is again found to be equal, then the RBI shall decide future course of action which shall be final and binding on all the bidders.
18	Acceptance of Tender and Award of Work	
	On receipt of intimation from the RBI of the acceptance of his/their tender, the successful bidder shall be bound to implement the contract and within fourteen days thereof, the successful bidder shall sign an agreement in accordance with the draft articles of agreement. Further, the written acceptance by the Reserve Bank of India of a tender will constitute a binding contract between the Reserve Bank of India and the person so tendering, whether such formal agreement is or is not executed subsequently.	
19	Performance Guarantee	
	The Contractor whose tender is accepted, will be required to furnish performance guarantee of specified percentage of the contract amount within the period specified in Schedule 'F'. This guarantee shall be from any Scheduled Bank as per the approved proforma annexed hereto.	
20	Retention Money/ Security Deposit	
	i)	On completion of the works, the contractor would be paid the amount equal to EMD and the RBI will release the remaining Security Deposit after rectification of the defects pointed out during the Defects Liability Period in the manner as specified in Schedule 'F'. The amounts retained by the RBI shall not bear any interest. In case of tenders for equipment/ installation, having Annual Maintenance Contract as an integral part of tender, the Security Deposit shall be as described under Special Instructions to Bidders.
	ii)	All compensation or other sums of money payable by the Contractor to the Employer under the terms of this Contract may be deducted from the security deposit if the amount so permits and the Contractor shall, unless such deposit has become otherwise payable, within ten days after such deduction make good in cash the amount so deducted.
	iii)	The security deposit of the successful bidder will be forfeited if he fails to comply with any of the conditions of the Contract.
21	Taxes/ Duties/ Levies	
	i)	GST or any other tax/ Duty/ levy applicable in respect of this contract shall be payable by the Contractor and RBI will not entertain any claim whatsoever in respect of the same.

	ii)	The successful tenderers may also note that RBI shall deduct all the statutory taxes (IT/ GST etc.) as per the extant provisions of the applicable Act from the bills and amount due to them from bank and remit the same directly to the Government.
22	Time for Completion of Work	
	Time allowed for carrying out the work as mentioned in the Schedule 'E' shall be strictly observed by the Contractor and it shall be reckoned from the 10 th day from the date of the work order.	
23	Work Programme	
	The work shall throughout the stipulated period of the contract be proceeded with all due diligence and if the Contractor fails to complete the work within the specified period, he shall be liable to pay compensation as defined in the relevant clause of the General Conditions of Contract. The bidder shall, before commencing work, prepare a detailed work programme, as specified in the General Conditions of Contract, which shall be approved by the Engineer-In-Charge.	
24	Employer's right to accept or reject any or all the bids	
	Notwithstanding anything mentioned above, RBI reserves the right to accept or reject any Bid at any time prior to award of Contract without thereby incurring any liability to the affected Bidder or Bidders. The Employer shall not assign any reason for rejection of any or all Bids.	

I/We hereby declare that I/we have read and understood the above instructions.

Place :

Signature of bidder

Date :

Section IV

General Conditions of the Contract

Definitions	1.	The Contract means all the documents forming the tender and acceptance thereof together with any correspondence leading thereto and the formal agreement executed between the competent authority on behalf of the Employer and the Contractor, together with the documents referred to therein including the General Conditions, Special Conditions, General rules and instructions to bidders, the Technical specifications, designs, drawings, correspondences exchanged and instructions issued from time to time by the Engineer-in-Charge. All these documents taken together, shall be deemed to form one contract and shall be complementary to one another.	
	2.	In the contract, the following expressions shall, unless the context otherwise requires, have the meanings, hereby respectively assigned to them:-	
		i)	The expression works or work or Project shall, unless there be something either in the subject or context repugnant to such construction, be construed and taken to mean the works by or by virtue of the contract contracted to be executed whether temporary or permanent, and whether original, altered, substituted or additional, as defined in Schedule 'F'
		ii)	The Site shall mean the land/or other places on, into or through which work is to be executed under the contract including any building and erections thereon or any adjacent land, path or street through which work is to be executed under the contract or any adjacent land, path or street which may be allotted or used for the purpose of carrying out the contract, as defined in Schedule 'F'.
		iii)	Employer shall mean The Reserve Bank of India (as mentioned in schedule 'F') and shall include its assignees and successors
		iv)	RBI shall mean Reserve Bank of India, having its Central Office at Shahid Bhagat Singh Road, Mumbai – 400001 and having its Regional Offices at various places.
		v)	Tender document shall mean document named as such issued by the Employer to the Bidders inviting Bids for the Project.

		vi)	Day shall mean Calendar day
		vii)	Working day shall mean The days when Employer's office is working i.e. Days excluding Public holidays, Saturdays and Sundays
		viii)	Month shall mean the calendar month.
		ix)	Year shall mean Calendar Year
		x)	Bidder (s) shall mean all parties participating in the bidding process pursuant to and in accordance with the terms of the Tender document.
		xi)	The Contractor shall mean the individual, firm or company, whether incorporated or not, undertaking the works and shall include the legal personal representative of such individual or the persons composing such firm or company, or the successors of such firm or company and the permitted assignees of such individual, firm or company.
		xii)	Sub-Contractor means the person or persons, firm or company engaged by the Contractor for executing any part or to whom any part thereof has been sub-let with the consent in writing of the Employer
		xiii)	The Engineer-in-charge means the Engineer Officer employed and paid by the Employer and acting under the orders of the Employer who shall supervise and be in-charge of the work.
		xiv)	The Authorized representatives of Engineer-in-charge (AGM(Tech)/Manager(Tech)/AM(Tech)) means the Engineer officers employed and paid by the Employer and acting under the orders of the Employer who shall supervise day to day execution of work under the direction and guidance of Engineer-in-Charge.
		xv)	Contract Price or Contract Amount shall mean the total amount as calculated from quoted unit rates by the successful bidder and quantities mentioned in the Schedule of quantities (Price Bid) and as accepted by the Employer and indicated in the letter of award of work.
		xvi)	Contract Period shall mean the period specified in the tender document for execution of the contract/ completion of the work, including any authorized extended period by the Employer

		xvii)	Contract Agreement shall mean the agreement signed between the Contractor and the Employer for the execution of the Project.
		xviii)	Notice in writing or written notice shall mean a notice in written, typed or printed characters sent (unless delivered personally or otherwise proved to have been received) by registered post to the last known private or business address or registered office of the addressee and shall be deemed to have been received when in the ordinary course of post, it would have been delivered and/or sent. The communication delivered by any accepted electronic means shall also be deemed to be a written notice..
		xix)	Act of Insolvency shall mean any act of insolvency as defined by the Presidency Towns Insolvency Act, or the Provincial Insolvency Act or any Act amending such original.
		xx)	Manufacturer refers to a person or firm who is the producer and furnisher of the material or designer and fabricator of equipment
		xxi)	Contractor's Works or Manufacturer's Works shall mean and include the land and other places which are used by the CONTRACTOR/FABRICATOR or SUB-CONTRACTOR/SUB-FABRICATOR for the manufacture of "Equipment" or performing the "Works".
		xxii)	Market Rate shall be the rate as decided by the Engineer-in-Charge on the basis of the cost of materials and labour at the site where the work is to be executed plus the percentage mentioned in Schedule 'F' to cover all overheads and profits.
		xxiii)	Net Rate/Price - If in arriving at the contract amount the Contractor shall have added to or deducted from the total of the items in the Tender any sum, either as a percentage or otherwise, then the net price of any item in tender shall be the sum arrived at by adding or deducting from the actual figure appearing in the Tender as the price of that item a similar percentage or determining the percentage or proportion of the sum so added or deducted by the contractor the total amount of any Prime Cost items and provisional sums of money shall be deducted from the total amount of the tender. The expression " net rates " or " net prices " when used

			with reference to the contract or accounts shall be held to mean rates or prices so arrived at.
Scope and performance	3.	Where the context so requires, words imparting the singular only also include the plural and vice versa. Any reference to masculine gender shall whenever required include feminine gender and vice versa.	
	4.	Headings and Marginal notes to these General Conditions of Contract shall not be deemed to form part thereof or be taken into consideration in the interpretation or construction thereof or of the contract.	
	5.	The contractor shall be furnished, free of cost one certified copy of the contract documents except Indian standard specifications and such other printed and published documents, together with all drawings as may be forming part of the tender papers. None of these documents shall be used for any purpose other than that of this contract.	
Works to be carried out	6.	<p>The work to be carried out under the Contract shall, except as otherwise provided in these conditions, include all labour, materials, tools, plants, equipment and transport which may be required in preparation of and for and in the full and entire execution and completion of the works. The Contractor shall provide at his cost everything necessary for the proper execution of the works according to the intent and meaning of the drawings, Schedule of Quantities and Specification taken together, whether the same may or may not be particularly shown or described therein provided that the same can reasonably be inferred there from and if the Contractor finds any discrepancy in the drawings or amongst the drawings, Schedule of Quantities and Specifications, he shall immediately and in writing refer same to the Engineer-in-Charge who shall decide which is to be followed. The descriptions given in the Schedule of Quantities shall, unless otherwise stated, be held to include wastage on materials, carriage and cartage, carrying and return of empties, hoisting, setting, fitting and fixing in position and all other labour necessary in and for the full and entire execution and completion of the work as aforesaid in accordance with good practice and recognized principles.</p> <p>The Contractor shall carry out and complete the said work in every respect in accordance with this Contract and with the directions of and to the satisfaction of the Engineer-in-Charge. The Engineer-in-Charge may in his absolute discretion and from time to time issue further drawings and/or written</p>	

		<p>instructions, detailed directions and explanations which are hereafter collectively referred to as “Employer’s Instructions” in regard to :</p> <p>The variation or modification of the design, quality or quantity of works or the addition or omission or substitution of any work.</p> <p>Any discrepancy in the drawings or amongst the Schedule of Quantities and/or drawings and/or specification.</p> <p>The removal from the site of any material brought thereon by the Contractor not fulfilling the tender specifications and the substitution of any other material therefor.</p> <p>The removal and/or re-execution of any material/works executed by the Contractor but not fulfilling the tender specifications.</p> <p>The dismissal from the works of any persons employed by the contractor thereupon.</p> <p>The opening up for inspection of any work covered up.</p> <p>The amending and making good of any defects noticed and reported during Defect Liability Period.</p> <p>The Contractor shall forthwith comply with and duly execute any work comprised in such Employer’s instructions provided always that verbal instructions, directions and explanations given to the Contractor or his representatives upon the works by the Engineer-in-Charge shall, if involving a variation, be confirmed in writing by the Contractor within seven days, and if the same is not approved/ disapproved by the Engineer-in-charge in writing within a further period of seven days, such shall be deemed to be Employer’s Instructions within the scope of the Contract.</p>
Sufficiency of Tender	7.	<p>The Contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender for the works and of the rates and prices quoted in the Schedule of Quantities, which rates and prices shall, except as otherwise provided, cover all his obligations under the Contract and all matters and things necessary for the proper completion and maintenance of the works.</p>
Discrepancies and Adjustment of	8.	<p>The several documents forming the Contract are to be taken as mutually explanatory of one another, detailed drawings being followed in preference to small scale drawing and</p>

Errors (order of preference)		figured dimensions in preference to scale and special conditions in preference to General Conditions.	
	8.1	In the case of discrepancy between the schedule of Quantities, the Specifications and/ or the Drawings, the following order of preference shall be observed:-	
		i)	Description of Schedule of Quantities.
		ii)	Particular Specification and Special Condition, if any.
		iii)	Drawings.
		iv)	General Specifications.
		v)	Indian Standard Specifications of B.I. S
	8.2	If there are varying or conflicting provisions made in any one document forming part of the contract, the Competent Authority as defined in the schedule 'F' shall be the deciding authority with regard to the intention of the document and his decision shall be final and binding on the contractor.	
	8.3	If there is a discrepancy between actual scaled drawing and written dimension (or description) on a drawing, the latter shall be followed.	
	8.4	The Schedule of Quantities, unless otherwise stated shall be deemed to have been prepared in accordance with standard method of measurement. Any error in description or in quantity in Schedule of Quantities or any omission of items therefrom shall not vitiate the Contract but shall be rectified and the value thereof, as ascertained under clause 12 hereof shall be added to, or deducted from the Contract amount (as the case may be) provided that no rectification or errors, if any, shall be allowed in the contractor's Schedule of rates. The above discrepancies in Schedule of Quantities shall not release the Contractor from the execution of the whole or any part of the works comprised therein according to drawings and specifications or from any of his obligations under the contract.	
Signing of Contract	9.	The successful tenderer/contractor, on acceptance of his tender by the Employer, shall, within 14 days from the stipulated date of start of the work, sign the contract consisting of:-	
		i)	Articles of agreement on non-judicial stamp paper/s of appropriate values (The cost of the stamp paper/s shall be borne by the contractor. One Certified copy of the agreement will be handed over to the contractor by the Employer)

		ii)	The notice inviting tender, all the documents including drawings, if any, forming the tender as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading thereto.
			No payment for the work done will be made unless contract is signed by the contractor.

CLAUSES OF CONTRACT

	CLAUSE 1	
Performance Guarantee	i)	The contractor shall submit an irrevocable Performance Guarantee of the specified percentage of the Contract amount as specified in the Special Conditions of Contract in addition to other deposits mentioned elsewhere in the contract for his proper performance of the contract agreement, (not withstanding and/or without prejudice to any other provisions in the contract) within period specified in Schedule 'F' from the date of issue of letter of award. This period can be further extended by the Engineer-in-Charge as specified in schedule 'F' on written request of the contractor stating the reason for delays in procuring the Performance Guarantee, to the satisfaction of the Engineer-in-Charge. This guarantee shall be in the form of Demand Draft of any scheduled bank/Pay Order of any scheduled bank (in case guarantee amount is less than Rs. 1,00,000/-) or Bank Guarantee issued by any Scheduled Bank in the approved proforma annexed hereto.
	ii)	The Performance Guarantee shall be initially valid up to the stipulated date of completion plus Defect Liability period plus 60 days beyond that. In case the time for completion of work gets enlarged, the contractor shall get the validity of Performance Guarantee extended to cover such extended time for completion of work. After recording of the completion certificate for the work by the Engineer-in-charge, in cases where no maintenance contract is involved, the performance guarantee shall be returned to the contractor, without any interest. However, in case of contracts involving maintenance of building and services/ system/ any other work after construction of same building and/ or commissioning of services/ system/ other work, then the Performance Guarantee shall be retained as Security Deposit as specifically provided in Special conditions of Contract.
	iii)	The Engineer-in-Charge shall not make a claim under the performance guarantee except for amounts to which the Employer is entitled under the contract (not withstanding and/or without

		prejudice to any other provisions in the contract agreement) in the event of:
		Failure by the contractor to extend the validity of the Performance Guarantee as described herein above, in which event the Engineer-in-Charge may claim the full amount of the Performance Guarantee.
		Failure by the contractor to pay the Employer any amount due, either as agreed by the contractor or determined under any of the Clauses/Conditions of the agreement, within 30 days of the service of notice to this effect by Engineer-in-Charge.
	iv)	In the event of the contract being determined or rescinded under provision of any of the Clause/Condition of the agreement, the performance guarantee shall stand forfeited in full and shall be absolutely at the disposal of the Employer.
	CLAUSE 1 A	
Recovery of Security Deposit	i)	<p>The Contractor shall permit Employer at the time of making any payment to him for work done under the contract to deduct a sum at the rate of 5% of the gross amount of each running account and final bill till the sum deducted will amount to security deposit of 5% of the Contract price of the work. Such deductions will be made and held by the Employer by way of Security Deposit till the successful completion of Defect Liability Period in the manner as specified in schedule 'F'.</p> <p>[NOT APPLICABLE]</p>
	ii)	All compensations or the other sums of money payable by the contractor under the terms of this contract may be deducted from his security deposit or from any sums which may be due to or may become due to the contractor by Employer on any account whatsoever and in the event of his Security Deposit being reduced by reason of any such deductions, the contractor shall within 10 days make good in cash any sum or sums which may have been deducted from his security deposit or any part thereof. The security deposit shall be collected from the running bills and the final bill of the contractor at the rates mentioned above.
	iii)	The security deposit as deducted above can be released against bank guarantee issued by a scheduled bank, on completion of the work and settlement of final bill at the request of the contractor subject to the condition that amount of such Bank guarantee shall not be less than Rs. 5 lakh. Provided further that the validity of bank guarantee including the one given against the earnest money shall be in conformity with provisions contained in clause 17 which shall be extended from time to time depending upon extension of contract granted under provisions of clause 2 and clause 5.

	iv)	In case of contracts involving maintenance of building and services/any other work after construction of same building and services/other work, then the Performance Guarantee shall be retained as Security Deposit as specifically provided in Special conditions of Contract.
	CLAUSE 2	
Compensation for Delay		If the contractor fails to maintain the required progress in terms of clause 5 or to complete the work and clear the site on or before the contract or extended date of completion, he shall, without prejudice to any other right or remedy available under the law to the Employer on account of such breach, pay as agreed compensation the amount calculated at the rates stipulated below as per the authority specified in schedule 'F' (whose decision in writing shall be final and binding) may decide on the amount of contract price of the work for every completed day (as applicable) that the progress remains below that specified in Clause 5 or that the work remains incomplete.
		This will also apply to items or group of items for which a separate period of completion has been specified
	i)	Compensation at the rate as specified in schedule 'F' per week of delay for delay of work to be computed on per day basis, Provided always that the total amount of compensation for delay to be paid under this Condition shall not exceed 10% of the Contract Price of work or of the Contract price of the item or group of items of work for which a separate period of completion is originally given.
	ii)	The amount of compensation may be adjusted or set-off against any sum payable to the Contractor under this or any other contract with the Employer. In case, the contractor does not achieve a particular milestone mentioned in Schedule 'F', or the re-scheduled milestone(s) in terms of Clause 5.4, the amount shown against that milestone shall be withheld, to be adjusted against the compensation levied at the final grant of Extension of Time. With-holding of this amount on failure to achieve a milestone, shall be automatic without any notice to the contractor. However, if the contractor catches up with the progress of work on the subsequent milestone(s), the withheld amount shall be released. In case the contractor fails to make up for the delay in subsequent milestone(s), amount mentioned against each milestone missed subsequently also shall be withheld. However, no interest, whatsoever, shall be payable on such withheld amount.
	CLAUSE 2 A (NOT APPLICABLE)	

Incentive for early completion		In case, the contractor completes the work ahead of updated stipulated date of completion considering the effect of extra work (to be calculated as per clause 12.1), a bonus @ 1% (one per cent) of the contract amount per month computed on per day basis, shall be payable to the contractor, subject to a maximum limit of 5% (five per cent) of the contract amount. The amount of bonus, if payable, shall be paid along with final bill after completion of work. Provided always that provision of the Clause 2A shall be applicable only when so provided in Schedule 'F'.
	CLAUSE 3	
When Contract can be Determined		Subject to other provisions contained in this clause, the Engineer-in-Charge may, without prejudice to his any other rights or remedy against the contractor in respect of any delay, inferior workmanship, any claims for damages and/or any other provisions of this contract or otherwise, and whether the date of completion has or has not elapsed, by notice in writing absolutely determine the contract in any of the following cases:
	i)	If the contractor has abandoned the contract
	ii)	If the contractor having been given by the Engineer-in-Charge a notice in writing to rectify, pull down, reconstruct or replace any defective work or that the work is being performed in an inefficient or otherwise improper or un-workman like manner shall omit to comply with the requirement of such notice for a period of seven days thereafter or has failed to remove the materials from the site within seven days of the written instructions of the Engineer-in-charge that the same were condemned and rejected by him under these conditions .
	iii)	If the contractor has failed to commence the work or, without any lawful excuse under these conditions suspended the progress of the work for fourteen days after receiving notice from the Engineer-in-charge to proceed or has failed to proceed with the work with due diligence so that in the opinion of the Engineer-in-Charge (which shall be final and binding) he will be unable to secure completion of the work by the date for completion and continues to do so after a notice in writing of seven days from the Engineer-in-Charge.
	iv)	If the contractor fails to complete the work within the stipulated date or items of work with individual date of completion, if any stipulated, on or before such date(s) of completion and does not complete them within the period specified in a notice given in writing in that behalf by the Engineer-in-Charge.
	v)	If the contractor persistently neglects or fails to carry out his obligations under the contract and/ or commits default in complying with all or any of the terms and conditions of the contract and does not remedy it or take

		effective steps to remedy it within 7 days after a notice in writing is given to him in that behalf by the Engineer-in-Charge.
	vi)	If the contractor shall offer or give or agree to give to any person in Employer's service or to any other person on his behalf any gift or consideration of any kind as an inducement or reward for doing or forbearing to do or for having done or forborne to do any act in relation to the obtaining or execution of this or any other contract for Employer
	vii)	If the contractor shall enter into a contract with Employer in connection with which commission has been paid or agreed to be paid by him or to his knowledge, unless the particulars of any such commission and the terms of payment thereof have been previously disclosed in writing to the Engineer-in-Charge.
	viii)	If the contractor had secured the contract with Employer as a result of wrong tendering or other non-bonafide methods of competitive tendering or commits breach of Integrity Agreement.
	ix)	If the contractor being an individual, or if a firm, any partner thereof commits an "Act of Insolvency" or shall at any time be adjudged insolvent or have a receiving order or order for administration of his estate made against him or shall suffer execution or other process of court attaching property to be issued against the contractor or shall take any proceedings for liquidation or composition (other than a voluntary liquidation for the purpose of amalgamation or reconstruction) under any Insolvency Act for the time being in force or make any conveyance or assignment of his effects or composition or arrangement for the benefit of his creditors or purport so to do, or if any application be made under any Insolvency Act for the time being in force for the sequestration of his estate or if a trust deed be executed by him for benefit of his creditors and shall be unable within seven days after notice to him requiring him to do so, to show to the reasonable satisfaction to the Engineer-in-charge that he is able to carry out and fulfill the contract and to give security therefor, if so required by the Engineer-in-charge.
	x)	If the contractor being a company shall pass an effective resolution for winding up voluntarily or shall have an order for compulsory winding up made against it or shall subject to the supervision of court and the official Assignee or the liquidator in such acts of insolvency or winding up, as the case may be, or if a receiver or a manager on behalf of a creditor shall be appointed or if circumstances shall arise which entitle the court or the creditor to appoint a receiver or a manager or which entitle the court to make a winding up order.
	xi)	If the contractor shall suffer any payment under this contract to be attached by or on behalf of any of the creditors or the contractor or shall

		charge or encumber this contract or any payments due or which may become due to the contractor hereunder
	xii)	If the contractor shall suffer an execution being levied on his goods and allow it to be continued for a period of 21 days.
	xiii)	<p>If the contractor assigns, transfers, sublets (engagement of labour on a piece-work basis or of labour with materials not to be incorporated in the work, shall not be deemed to be subletting) or otherwise parts with or attempts to assign, transfer, sublet or otherwise parts with the entire works or any portion thereof without the prior written approval of the Engineer - in-Charge.</p> <p>When the contractor has made himself liable for action under any of the cases aforesaid, the Engineer-in-Charge on behalf of the Employer shall have powers:</p>
	a)	To determine the contract, notwithstanding any previous waiver, after giving seven days' notice in writing to the Contractor, as aforesaid (of which termination notice in writing to the contractor under the hand of the Engineer-in-Charge shall be conclusive evidence). Upon such determination, the Security Deposit already recovered and Performance Guarantee under the contract shall be liable to be forfeited and shall be absolutely at the disposal of the Employer.
	b)	After giving notice to the contractor measure up the work of the contractor and to take such whole, or the balance or part thereof, as shall be un-executed out of his hands. The action will be without thereby affecting the powers of the Engineer-in-charge or the obligations and liabilities of the Contractor, the whole of which shall continue in force as fully as if the Contract had not been so determined, and as if the work subsequently executed had been executed by or on behalf of the Contractor. And further, the Employer by his agents or servants may enter upon and take possession of the works and all plants, tools, scaffoldings, sheds, machinery steam and other power utensils and materials lying upon the premises or the adjoining lands or roads, and use the same as his own property or may employ the same by means of his own servants and workmen in carrying on and completing the works or by employing any other Contractor or other person or persons to complete the works, and the Contractor shall not in any way interrupt or do any act, matter or thing to prevent or hinder such other Contractor or other person or persons employed for completing and finishing or using the materials and plant for the works. When the works shall be completed or as soon thereafter as convenient the Engineer-in-charge shall give a notice in writing to the Contractor to remove his surplus

		<p>materials and plant, and should the Contractor fail to do so within a period of fourteen days after receipt thereof by him, the Employer may sell the same by public auction, and give credit to the Contractor for the net amount realized. The Employer shall thereafter ascertain and certify in writing under his hand what (if anything) shall be due or payable to or by the Employer and expense or loss which the Employer shall have been put to in procuring the works to be completed and the amount, if any, owing to the Contractor and the amount which shall be so certified shall thereupon be paid by the Employer to the Contractor or by the Contractor to the Employer, as the case may be, and the Certificate of the Engineer-in-charge shall be final and conclusive between the parties. The contractor, whose contract is determined as above, shall not be allowed to participate in the tendering process for the balance work, if resorted to by the Employer.</p>
		<p>In the event of above courses being adopted by the Engineer-in-Charge, the contractor shall have no claim to compensation for any loss sustained by him by reasons of his having purchased or procured any materials or entered into any engagements or made any advances on account or with a view to the execution of the work or the performance of the contract. And in case action is taken under any of the provision aforesaid, the contractor shall not be entitled to recover or be paid any sum for any work thereof or actually performed under this contract unless and until the Engineer-in-Charge has 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.</p>
	<p>CLAUSE 3A</p>	
	a)	<p>In case, the work cannot be started due to reasons not within the control of the contractor within 1/8th of the stipulated time for completion of work or one month whichever is higher, either party may close the contract.</p>
	b)	<p>If the payment of the amount payable by the Employer under Certificate of the Engineer-in-charge shall be in arrears and unpaid for thirty days after notice in writing requiring payment of the amount as aforesaid shall have been given by the Contractor to the Employer, or if the Employer interferes with or obstructs the issue of any such Certificate, or if the Employer shall repudiate the Contract, or if the works be stopped for three months under the order of the Engineer-in-charge or the Employer or by any injunction or other order of any court of Law, then and in any of the cases the Contractor shall be at liberty to determine the Contract by notice in writing to the Employer, through the</p>

		Engineer-in-charge and he shall be entitled to recover from the Employer, payment for all works executed and for any loss he may sustain upon any plant or materials supplied or purchased or prepared for the purpose of the Contract. In arriving at the amount of such payment, the net rates contained in the Contractor's original tender shall be followed or where the same may not apply, valuation shall be made in accordance with Clause hereof.
	c)	In case contractor wants to close the contract, he shall give notice to the Employer stating the failure on the part of Employer. In such eventuality, the Performance Guarantee of the contractor shall be refunded within following time limits :
	i)	If the Contract price of work is up to Rs. 50 lac: 15 days.
	ii)	If the Contract price of work exceeds Rs. 50 lac: 30 days.
	d)	If Performance Guarantee is not released within prescribed time limit, then a simple interest @ 0.25% per month shall be payable on Performance Guarantee amount to the contractor from the date of expiry of prescribed time limit. A compensation for such eventuality, on account of damages etc. shall be payable @ 0.25% of Contract price subject to maximum limit of Rs. 10 lakh.
	CLAUSE 3B	
Termination of Contract in case of death of Contractor	Without prejudice to any of the rights or remedies under this contract, if the contractor, being an individual, dies, the Employer shall have the option of terminating the contract without any liability for such termination and compensation to the contractor.	
	CLAUSE 4	
Contractor liable to pay Compensation even if action not taken under Clause 3		In any case in which any of the powers conferred upon the Engineer-in-Charge by Clause-3 thereof, shall have become exercisable and the same are not exercised, the non-exercise thereof shall not constitute a waiver of any of the conditions hereof and such powers shall notwithstanding be exercisable in the event of any future case of default by the contractor and the liability of the contractor for compensation shall remain unaffected. In the event of the Engineer-in-Charge putting in force all or any of the powers vested in him under the preceding clause he may, if he so desires after giving a notice in writing to the contractor, take possession of (at the sole discretion of the Engineer-in-Charge which shall be final and binding on the contractor) or use as on hire (the amount of the hire money being also in the final determination of the Engineer-in-Charge) all or any tools, plant, materials and stores, in or upon the works, or the site thereof belonging to the contractor, or procured by the contractor and intended to be used for the execution of the work/or any part thereof, paying or allowing for the same in account at the contract rates, or, in the case of these not being applicable, at current market

		rates to be certified by the Engineer-in-Charge, whose certificate thereof shall be final, and binding on the contractor, clerk of the works, foreman or other authorized agent to remove such tools, plant, materials, or stores from the premises (within a time to be specified in such notice) in the event of the contractor failing to comply with any such requisition, the Engineer-in-Charge may remove them at the contractor's expense or sell them by auction or private sale on account of the contractor and his risk in all respects and the certificate of the Engineer-in-Charge as to the expenses of any such removal and the amount of the proceeds and expenses of any such sale shall be final and conclusive against the contractor.
	CLAUSE 5	
Time and Extension for Delay		The time allowed for execution of the Works as specified in the Schedule 'F' or the extended time in accordance with these conditions shall be the essence of the Contract. The execution of the works shall commence from such time period as mentioned in schedule 'F' or from the date of handing over of the site whichever is later. If the Contractor commits default in commencing the execution of the work as aforesaid, Employer shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the performance guarantee absolutely.
	5.1	As soon as possible after the award of work but in any case, before 14 days from the date of award of work, the Contractor shall submit a Time and Progress Chart for each mile stone and get it approved by the Engineer-in-charge. The Chart shall be prepared in direct relation to the time stated in the Contract documents for completion of items of the works. It shall indicate the forecast of the dates of commencement and completion of various trades of sections of the work and may be amended as necessary by agreement between the Engineer-in-Charge and the Contractor within the limitations of time imposed in the Contract documents, and further to ensure good progress during the execution of the work, the contractor shall in all cases in which the time allowed for any work, exceeds one month (save for special jobs for which a separate programme has been agreed upon) complete the work as per mile stones given in Schedule 'F'.
		a) Project Management shall be done by using Project Management software (M.S. Project / Primavera Software or any other similar project management software) for works costing more than Rs. 2 Crore. The contractor shall inform the Employer which Project Management software he intends to use. The contractor shall also arrange to install one latest licensed version of the respective Project Management software in the Engineer-in-Charge's computer at site without any additional cost and maintain it till the completion of work.

		PROGRAMME CHART (NOT APPLICABLE)
	i)	The Contractor shall prepare a detailed work programme (for contract price upto Rs. 2 Crores) and an integrated programme chart in MS Project/Primavera software or any other similar project management software (for contract price above Rs 2 Crores) for the execution of work, showing clearly all activities from the start of work to completion, with details of manpower, equipment and machinery required for the fulfillment of the programme within the stipulated period or earlier and submit the same for approval to the Engineer-in- Charge within fourteen days of award of the contract. A recovery of Rs.500/- (for works costing upto Rs. 2 Crores) / Rs. 5000/- (for works costing more than Rs. 2 Crores) shall be made on per day basis in case of delay in submission of the above programme subject to a maximum of 0.5% of the contract amount..
	ii)	The programme should include the following:
	a)	Descriptive note explaining sequence of the various activities.
	b)	Network (PERT / CPM / BAR CHART).
	c)	Programme for procurement of materials by the contractor.
	d)	Programme for procurement of machinery/ equipment having adequate capacity, commensurate with the quantum of work to be done within the stipulated period, by the contractor.
	e)	Programme for deployment of man power by the contractor.
	iii)	If at any time, it appears to the Engineer-in-Charge that the actual progress of work does not conform to the approved programme referred above or after rescheduling of milestones, on his instructions, the contractor shall produce a revised programme within 7 (seven) days, showing the modifications to the approved programme to ensure timely completion of the work. The modified schedule of programme shall be approved by the Engineer-in-Charge.
	iv)	The submission for approval by the Engineer-in-Charge of such programme or such particulars shall not relieve the contractor of any of the duties or responsibilities under the contract. This is without prejudice to the right of Engineer-in-Charge to take action against the contractor as per terms and conditions of the agreement.
	v) a	The contractor shall submit the progress report for works costing up to Rs 2 Crores with reference to base line programme referred above for the work done during previous month to the Engineer-in-charge on or before 5th day of each.
	5.2)	If the work(s) be delayed by:-

	i)	force majeure, or
	ii)	abnormally bad weather, or
	iii)	serious loss or damage by fire, or
	iv)	civil commotion, local commotion of workmen, strike or lockout, affecting any of the trades employed on the work, or
	v)	delay on the part of other contractors or tradesmen engaged by Engineer-in- Charge in executing work not forming part of the Contract, or
	vi)	non-availability of stores, which are the responsibility of Employer to supply or
	vii)	non-availability or break down of tools and Plant to be supplied or supplied by Employer or
	viii)	any other cause which, in the absolute discretion of the Engineer-in-Charge is beyond the Contractor's control.
		then upon the happening of any such event causing delay, the Contractor shall immediately give notice thereof in writing to the authority as indicated in Schedule 'F' but shall nevertheless use constantly his best endeavours to prevent or make good the delay and shall do all that may be reasonably required to the satisfaction of the Engineer-in-Charge to proceed with the works.
	5.3)	Request for rescheduling of Mile stones and extension of time, to be eligible for consideration with reasons, shall be made by the Contractor in writing within fourteen days of the happening of the event causing delay to the authority as indicated in Schedule 'F'. The Contractor may also, if practicable, indicate in such a request the period for which extension is desired.
	5.4)	In such case the authority as indicated in Schedule 'F' may give a fair and reasonable extension of time and reschedule the mile stones for completion of work. Such extension or rescheduling of the milestones shall be communicated to the Contractor by the authority as indicated in Schedule 'F' in writing, within 3 months or 4 weeks of the date of receipt of such request respectively. Non application by the contractor for extension of time/ rescheduling of the milestones shall not be a bar for giving a fair and reasonable extension of time by the authority as indicated in Schedule 'F' and this shall be binding on the contractor. After giving a fair and reasonable extension of time, the authority shall advise the contractor to reschedule the milestones and submit for approval.
CLAUSE 6		

Measurements of Work Done	i)	Engineer-in-Charge shall, except as otherwise provided, ascertain and determine by measurement, the value in accordance with the contract of work done.
	ii)	All measurement of all items having financial value shall be entered in Measurement Book and/or level field book so that a complete record is obtained of all works performed under the contract.
	iii)	All measurements and levels shall be taken jointly by the Engineer-in-Charge or his authorized representative and by the contractor or his authorized representative from time to time during the progress of the work and such measurements shall be signed and dated by the Engineer-in-Charge and the contractor or their representatives in token of their acceptance. If the contractor objects to any of the measurements recorded, a note shall be made to that effect with reason and signed by both the parties.
	iv)	If for any reason, the contractor or his authorized representative is not available and the work of recording measurements is suspended by the Engineer-in-Charge or his representative, the Engineer-in-Charge and the Employer shall not entertain any claim from contractor for any loss or damages on this account. If the contractor or his authorized representative does not remain present at the time of such measurements after the contractor or his authorized representative has been given a notice in writing three (3) days in advance or fails to countersign or to record objection within a week from the date of the measurement, then such measurements recorded in his absence by the Engineer-in-Charge or his representative shall be deemed to be accepted by the Contractor.
	v)	The contractor shall, without extra charge, provide all assistance with every appliance, labour and other things necessary for measurements and recording levels.
	vi)	Except where any general or detailed description of the work expressly shows to the contrary, measurements shall be taken in accordance with the procedure set forth in the specifications notwithstanding any provision in the relevant Standard Method of measurement or any general or local custom. In the case of items which are not covered by specifications, measurements shall be taken in accordance with the relevant standard method of measurement issued by the Bureau of Indian Standards (IS 1200) or any other relevant code of practice and if for any item no such standard is available, then a mutually agreed method shall be followed.
	vii)	The contractor shall give, not less than seven days' notice to the Engineer-in-Charge or his authorized representative in charge of the work, before covering up or otherwise placing beyond the reach of measurement any work in order that the same may be measured and

		correct dimensions thereof be taken before the same is covered up or placed beyond the reach of measurement and shall not cover up and place beyond reach of measurement any work without consent in writing of the Engineer-in-Charge or his authorized representative in charge of the work who shall within the aforesaid period of seven days inspect the work, and if any work shall be covered up or placed beyond the reach of measurements without such notice having been given or the Engineer-in-Charge's consent being obtained in writing, the same shall be uncovered at the Contractor's expense, or in default thereof no payment or allowance shall be made for such work or the materials with which the same was executed.
	viii)	Engineer-in-Charge or his authorized representative may cause either themselves or through another officer of the department to check the measurements recorded jointly or otherwise as aforesaid and all provisions stipulated herein above shall be applicable to such checking of measurements or levels.
	ix)	It is also a term of this contract that recording of measurements of any item of work in the measurement book and/or its payment in the interim, on account or final bill shall not be considered as conclusive evidence as to the sufficiency of any work or material to which it relates nor shall it relieve the contractor from liabilities from any over measurement or defects noticed till completion of the defects liability period.
	CLAUSE 6A	
Computerized Measurement Book	i)	Engineer-in-Charge shall, except as otherwise provided, ascertain and determine by measurement the value of work done in accordance with the contract.
	ii)	All measurements of all items having financial value shall be entered by the contractor and compiled in the shape of the Computerized Measurement Book having pages of A-4 size as per the proforma of Measurement Book annexed hereto, so that a complete record is obtained of all the items of works performed under the contract.
	iii)	All such measurements and levels recorded by the contractor or his authorized representative from time to time, during the progress of the work, shall be got checked by the contractor from the Engineer-in-Charge or his authorized representative as per interval or program fixed in consultation with Engineer-in-Charge or his authorized representative. After the necessary corrections made by the Engineer-in-Charge, the measurement sheets shall be returned to the contractor for incorporating the corrections and for resubmission to the Engineer-in-Charge for the dated signatures by the Engineer-in-Charge and the contractor or their representatives in token of their acceptance.

	iv)	Whenever bill is due for payment, the contractor would initially submit draft computerized measurement sheets and these measurements would be got checked/test checked from the Engineer-in-Charge and/or his authorized representative. The contractor will, thereafter, incorporate such changes as may be done during these checks/test checks in his draft computerized measurements, and submit to the Employer a computerized measurement book, duly bound, and with its pages machine numbered. The Engineer-in- Charge and/or his authorized representative would thereafter check this MB, and record the necessary certificates for their checks/test checks.
	v)	The final, fair, computerized measurement book given by the contractor, duly bound, with its pages machine numbered, should be 100% correct, and no cutting or over-writing in the measurements would thereafter be allowed. If at all any error is noticed, the contractor shall have to submit a fresh computerized MB with its pages duly machine numbered and bound, after getting the earlier MB cancelled by the Employer. Thereafter, the MB shall be taken in the Office records, and allotted a number as per the Register of Computerised MBs. This should be done before the corresponding bill is submitted to the Office for payment. The contractor shall submit two spare copies of such computerized MB's for the purpose of reference and record by the concerned officers of the Employer.
	vi)	The contractor shall also submit to the Employer separately his computerized Abstract of Cost and the bill based on these measurements, duly bound, and its pages machine numbered along with two spare copies of the bill. Thereafter, this bill will be processed by the Employer and allotted a number as per the computerized record in the same way as done for the measurement book meant for measurements.
	vii)	The contractor shall, without extra charge, provide all assistance with every appliance, labour and other things necessary for checking of measurements/levels by the Engineer-in- Charge or his representative.
	viii)	Except where any general or detailed description of the work expressly shows to the contrary, measurements shall be taken in accordance with the procedure set forth in the specifications notwithstanding any provision in the relevant Standard Method of measurement or any general or local custom. In the case of items which are not covered by specifications, measurements shall be taken in accordance with the relevant standard method of measurement issued by the Bureau of Indian Standards or any other relevant code of practice and if for any item no such standard is available then a mutually agreed method shall be followed.
	ix)	The contractor shall give not less than seven days' notice to the Engineer-in-Charge or his authorized representative in charge of the

		work before covering up or otherwise placing beyond the reach of checking and/or test checking the measurement of any work in order that the same may be checked and/or test checked and correct dimensions thereof be taken before the same is covered up or placed beyond the reach of checking and/or test checking measurement and shall not cover up and place beyond reach of measurement any work without consent in writing of the Engineer-in-Charge or his authorized representative in charge of the work who shall within the aforesaid period of seven days inspect the work, and if any work shall be covered up or placed beyond the reach of checking and/or test checking measurements without such notice having been given or the Engineer-in-Charge's consent being obtained in writing the same shall be uncovered at the Contractor's expense, or in default thereof no payment or allowance shall be made for such work or the materials with which the same was executed.
	x)	Engineer-in-Charge or his authorized representative may cause either themselves or through another officer of the department to check the measurements recorded by contractor and all provisions stipulated herein above shall be applicable to such checking of measurements or levels.
	xi)	It is also a term of this contract that checking and/or test checking the measurements of any item of work in the measurement book and/or its payment in the interim, on account of final bill shall not be considered as conclusive evidence as to the sufficiency of any work or material to which it relates nor shall it relieve the contractor from liabilities from any over measurement or defects noticed till completion of the defects liability period.
	CLAUSE 7	
Payment on Interim Certificate to be Regarded as Advances	i)	No payment shall be made for work, estimated to cost Rs. One Lakh or less till after the whole of the work shall have been completed and certificate of completion given. For works estimated to cost over Rs. One Lakh, the interim or running account bills shall be submitted by the contractor for the work executed on the basis of such recorded measurements on the format of the Employer as provided in the proforma annexed hereto. The contractor shall not be entitled to be paid any such interim payment if the gross work done together with net payment/ adjustment of advances for material collected, if any, since the last such payment is less than the amount specified in Schedule 'F', in which case the interim bill shall be prepared only after the requisite progress is achieved. Engineer-in-Charge shall arrange to have the bill verified by taking or causing to be taken, where necessary, the requisite measurements of the work. In the event of the failure of the contractor to submit the bills, Engineer-in-Charge shall prepare or cause to be prepared such bills in which event no claims whatsoever due to

		<p>delays on payment including that of interest shall be payable to the contractor. Payment on account of amount admissible shall be made by the Engineer-in- Charge certifying the sum to which the contractor is considered entitled by way of interim payment at such rates as decided by the Engineer-in-Charge.</p> <p>The Contractor shall be paid by the Employer from time to time, by installments under Interim Certificates to be issued by the Engineer-in-Charge to the Contractor on account of the works executed as aforesaid in accordance with this contract, subject, however, to a retention of the percentage of such value named in the schedule 'F' as "Retention percentage for Interim Certificates" until the total amount retained shall reach the sum named in the schedule 'F' as "Total Retention Money". The Engineer-in-charge may in his discretion include in the Interim Certificate such amount as he may consider proper on account of materials delivered upon the site by the Contractor for use in the works. And when the works have been virtually completed and the Engineer-in-charge shall have certified in writing that they have been completed, the Contractor shall be paid by the Employer in accordance with the Certificate, the sum of money named in the schedule as "Installment after Virtual Completion" being a part of the said Total Retention Money. The Contractor shall be entitled to the payment of the Final Balance in accordance with the final certificate to be issued in writing by the Engineer-in-Charge at the expiry of the period referred to as "the Defects Liability Period" in clause 17 or as soon as after the expiration of such period as the works shall have been finally completed and all defects made good according to the true intent and meaning hereof whichever shall last happen, provided always that the issue by the Engineer-in-Charge of any Certificate during the progress of the works or at or after their completion shall not relieve the Contractor from his liability under this contract nor relieve the Contractor of his liability in case of fraud, dishonesty or fraudulent concealment relating to the works or materials or to any matter dealt with in the certificate, and in case of all defect and insufficiencies in the works or materials which a reasonable examination would not have disclosed. No certificate of the Engineer-in-charge shall of itself be conclusive evidence that any works or materials to which it relates are in accordance with the Contract neither will the Contractor have a claim for any amounts which the Engineer-in-charge might have certified in any interim bill and paid by the Employer and which might subsequently be discovered as not payable and in this respect the Employer's decision shall be final and binding.</p>
	a)	75% of the amount payable to the Contractor on the RA bills will be released as ad-hoc payment within 7 working days from the date of certification by the Engineer-in-charge, pending test checking of work

		and verification of detailed arithmetical accuracy by Employer. [NOT APPLICABLE]
	b)	The Employer shall have power to withhold any certificate if the works or any parts thereof are not being carried out to his satisfaction.
	c)	No payment shall be made to the Contractor if the Contractor fails to insure the works and keep them insured till the issue of the Completion Certificate.
	d)	The amount admissible shall be paid within the specified period of honouring certificates in the schedule 'F' after the day of presentation of the bill by the Contractor to the Engineer-in-Charge together with the account of the dismantled materials, if any and all required details/ documents. In case of delay in payment of Running Account bills after 45 days of submission of bill by the contractor, provided the bill submitted by the contractor found to be in order, a simple interest @ 3% per annum shall be paid to the contractor from the date of expiry of prescribed time limit.
	ii)	All such interim payments shall be regarded as payment by way of advances against final payment only and shall not preclude the requiring of bad, unsound and imperfect or unskilled work to be rejected, removed, taken away and reconstructed or re-erected. Any certificate given by the Engineer-in-Charge relating to the work done or materials delivered forming part of such payment, may be modified or corrected by any subsequent such certificate(s) or by the final certificate and shall not by itself be conclusive evidence that any work or materials to which it relates is/are in accordance with the contract and specifications. Any such interim payment, or any part thereof shall not in any respect conclude, determine or affect in any way powers of the Engineer-in-Charge under the contract or any of such payments be treated as final settlement and adjustment of accounts or in any way vary or affect the contract
	iii)	Pending consideration of extension of date of completion, interim payments shall continue to be made as herein provided without prejudice to the right of the Employer to take action under the terms of this contract for delay in the completion of work, if the extension of date of completion is not granted by the competent authority.
Payments in composite Contracts	iv)	In case of composite tenders, running payment for the major and minor components shall be made after certification of works by concerned engineers of respective discipline.
	v)	In case main contractor fails to make the payment to the contractor associated by him within 15 days of receipt of each running account payment, then on the written complaint of contractor associated for such minor component, Engineer-in-charge shall serve the show cause to

		the main contractor and if reply of main contractor either not received or found unsatisfactory, she/he may make the payment directly to the contractor associated for minor component as per the terms and conditions of the agreement drawn between main contractor and associate contractor fixed by him. Such payment made to the associate contractor shall be recovered by Engineer-in-charge from the next RA/ final bill due to main contractor as the case may be.
	CLAUSE 7A	
Unfixed materials when taken into account to be the property of the Employer		Where in any Certificate (of which the Contractor has received payment), the Engineer-in-Charge has included the value of any unfixed materials intended for and/or placed on or adjacent to the works such materials shall become the property of the Employer and they shall not be removed except for use upon the works, without the written authority of the Engineer-in-Charge. The Contractor shall be liable for any loss of, or damage to, such materials.
	CLAUSE 8	
Completion Certificate and Completion Plans	i)	Within ten days of the completion of the work, the contractor shall give notice of such completion to the Engineer-in-Charge and within thirty days of the receipt of such notice, the Engineer-in-Charge shall inspect the work if the work is found incomplete, the contractor shall be advised suitably. Further, in the completed work, if there is no defect, the Engineer-In-Charge shall furnish the contractor with a final certificate of completion, otherwise a provisional certificate of physical completion indicating defects (a) to be rectified by the contractor and/or (b) for which payment will be made at reduced rates, shall be issued. But no final certificate of completion shall be issued, nor shall the work be considered to be complete until the contractor shall have removed from the premises on which the work shall be executed all scaffolding, surplus materials, rubbish and all huts and sanitary arrangements required for his/their work people on the site in connection with the execution of the works as shall have been erected or constructed by the contractor(s) and cleaned off the dirt from all wood work, doors, windows, walls, floor or other parts of the building, in, upon, or about which the work is to be executed or of which he may have had possession for the purpose of the execution; thereof, and not until the work shall have been measured by the Engineer-in-Charge. If the contractor shall fail to comply with the requirements of this Clause as to removal of scaffolding, surplus materials and rubbish and all huts and sanitary arrangements as aforesaid and cleaning off dirt on or before the date fixed for the completion of work, the Engineer-in-Charge may at the expense of the contractor remove such scaffolding, surplus materials and rubbish etc., and dispose of the same as he thinks fit and clean off such dirt as aforesaid, and the contractor shall have no claim in respect of scaffolding or surplus materials as aforesaid except for any sum actually realized by the sale thereof.

	ii)	The works shall not be considered as completed until the Engineer-in-charge has certified in writing that they have been completed. The Defects Liability Period shall commence from the date of such certificate.
	CLAUSE 8A	
Contractor to Keep Site Clean		The splashes and droppings from white washing, colour washing, painting etc., on walls, floor, windows, etc shall be removed and the surface cleaned simultaneously with the completion of these items of work in the individual rooms, quarters or premises etc. where the work is done. The cleaning shall be carried out as soon as possible without waiting for the actual completion of all the other items of work in the contract. In case the contractor fails to comply with the requirements of this clause, the Engineer-in-Charge shall have the right to get this work done at the cost of the contractor through any other agency. Before taking such action, the Engineer-in-Charge shall give ten days' notice in writing to the contractor.
	CLAUSE 8B	
Completion Plans to be Submitted by the Contractor	i)	The contractor shall submit completion plan (as built drawing in AUTOCAD or GAD or any such approved software and one hard copy) for, structural drawings, water, sewerage and drainage line, Electrical, HVAC, Firefighting system works, etc. as applicable depending upon the scope of work within thirty days of the completion of the work.
	ii)	The contractor shall submit all the data and details as regards the work to enable the Employer to prepare the 'As built drawings' for layouts etc.
	iii)	The contractor shall also submit the operation and maintenance manuals and other technical literature/ warranty certificates provided by OEMs in respect of all the electrical/ electro-mechanical and electronic equipment/ systems etc.
	iv)	In case, the contractor fails to submit the completion plan as aforesaid, the Employer will not process its bills for payment till such time the completion plan is submitted.
	CLAUSE 9	
Payment of Final Bill		The final bill shall be submitted by the contractor in the same manner as specified in interim bills within three months of physical completion of the work or within one month of the date of the final certificate of completion furnished by the Engineer-in-Charge whichever is earlier. No further claims shall be made by the contractor after submission of the final bill and these shall be deemed to have been waived and extinguished. Payments of those items of the bill in respect of which there is no dispute and of items in dispute, for quantities and rates as

		approved by Engineer-in-Charge, will, as far as possible be made within the period specified hereunder, the period being reckoned from the date of receipt of the bill by the Engineer-in- Charge complete with account of materials wherever applicable.
	i)	If the Contract price of work is up to Rs. 50 lakh : 2 months
	ii)	If the Contract price of work is more than Rs.50 lakh : 3 months
		In case of delay in payment of final bills after prescribed time limit, a simple interest @ 3% per annum shall be paid to the contractor from the date of expiry of prescribed time limit, provided the final bill submitted by the contractor found to be in order.
	CLAUSE 9A	
Payment of Contractor's Bills through electronic means	i)	<p>Payments due to the contractor shall be made to his bank through NEFT. For this purpose, the contractor shall furnish to the Engineer-in-Charge</p> <p>(1) an authorization in the form of a legally valid document such as a power of attorney conferring authority on the bank; to receive payments and all other required particulars in the approved format</p> <p>(2) his own acceptance of the correctness of the amount made out as being due to him by Employer or his signature on the bill or other claim preferred against Employer before settlement by the Engineer-in-Charge of the account or claim by payment to the bank.</p> <p>While the NEFT transaction slip shall constitute a full and sufficient discharge for the payment, the contractor shall whenever possible, present his bills duly receipted and discharged through his bank.</p>
	ii)	Nothing herein contained shall operate to create in favour of the bank any rights or equities vis-a- vis the Employer.
	CLAUSE 10	
Materials to be provided by the Contractor	i)	The contractor shall, at his own expense, provide all materials, required for the works.
	ii)	<p>The contractor shall, at his own expense and without delay, supply to the Engineer-in- Charge samples of materials to be used on the work and shall get these approved in advance. All such materials to be provided by the Contractor shall be in conformity with the specifications laid down or referred to in the contract. The materials shall be selected from the list of approved makes of materials at Section VI and shall be in accordance with the requirements of IGBC rating system as specified in Schedule G. The contractor shall, if requested by the Engineer-in- Charge furnish proof, to the satisfaction of the Engineer-in-Charge that the materials so comply. The Engineer-in-Charge shall within thirty days of supply of samples or within such further period as he may require intimate to the Contractor in writing whether samples are approved by him or not. If samples are</p>

		not approved, the Contractor shall forthwith arrange to supply to the Engineer-in-Charge for his approval, fresh samples complying with the specifications laid down in the contract. When materials are required to be tested in accordance with specifications, approval of the Engineer-in-Charge shall be issued after the test results are received.
	iii)	The Contractor shall at his risk and cost submit the samples of materials to be tested or analyzed and shall not make use of or incorporate in the work any materials represented by the samples until the required tests or analysis have been made and materials finally accepted by the Engineer-in-Charge. The Contractor shall not be eligible for any claim or compensation either arising out of any delay in the work or due to any corrective measures required to be taken on account of and as a result of testing of materials.
	iv)	The contractor shall, at his risk and cost, make all arrangements and shall provide all facilities as the Engineer-in-Charge may require for collecting, and preparing the required number of samples for such tests at such time and to such place or places as may be directed by the Engineer-in-Charge and bear all charges and cost of testing unless specifically provided for otherwise elsewhere in the contract or specifications. The Engineer-in-Charge or his authorized representative shall at all times have access to the works and to all workshops, factories or/ and other places where work is being prepared or from where materials, manufactured articles or machinery are being obtained for the works and the contractor shall afford every facility and every assistance in obtaining the right to such access for inspections and examination and test of the materials and workmanship. No person not authorized by the employer except the representatives of public authorities shall be allowed on the works at any time.
	v)	The Engineer-in-Charge shall have full powers to require the removal from the premises of all materials which in his opinion are not in accordance with the specifications and in case of default, the Engineer-in-Charge shall be at liberty to employ at the expense of the contractor, other persons to remove the same without being answerable or accountable for any loss or damage that may happen or arise to such materials. The Engineer-in-Charge shall also have full powers to require other proper materials to be substituted thereof and in case of default, the Engineer-in-Charge may cause the same to be supplied and all costs which may attend such removal and substitution shall be borne by the Contractor.
	vi)	The contractor shall at his own expense, provide a material testing lab at the site for conducting routine field tests. The lab shall be equipped at

		least with the testing equipment as specified in Schedule 'F'.[NOT APPLICABLE]
	CLAUSE 10A	
Secured Advance on Non-perishable Materials delivered at site and its recovery (Not Applicable)	i)	<p>The contractor, on signing of an Indenture in the specified proforma, shall be entitled to be paid during the progress of the execution of the work up to 70% of the assessed value of any materials (The assessed value shall be the least of the purchase value supported by the tax paid vouchers, duly verified, or material price derived from the tender rate for the respective item) which are in the opinion of the Engineer-in-Charge non-perishable, non-fragile and non-combustible and are in accordance with the contract and which have been brought on the site in connection therewith as per the approved progress plan and are adequately stored and/or protected against damage by weather or other causes but which have not at the time of advance been incorporated in the works. When materials on account of which an advance has been made under this sub-clause are incorporated in the work, the amount of such advance shall be recovered /deducted from the next payment made under any of the clause or clauses of this contract.</p> <p>The decision of the Engineer- in-Charge shall be final and binding on the contractor in this matter. No secured advance, shall however, be paid on high-risk materials such as ordinary glass, sand, petrol, diesel etc.</p>
Mobilisation Advance (NOT APPLICABLE)	ii)	<p>Mobilization advance not exceeding 5% of the cost of project put to tender, subject to a maximum of Rs 100 lakh can be paid, if requested by the contractor in writing within one month of the date of the work order. Such advance shall be disbursed in following installments:</p> <p>If the amount of Mobilization advance is more than Rs 50 Lakh but less than Rs 75 Lakh - Two installments</p> <p>If the amount of Mobilization advance is more than Rs 75 Lakh - Three installments.</p> <p>The first installment of such advance shall be released by the Engineer-in-charge to the contractor on a request made by the contractor to the Engineer- in-Charge in this behalf after submission of the required Bank Guarantee as per proforma Guarantee annexed hereto. The stages of work, on attainment of which the second and third installments (if applicable) of 'Mobilization Advance' are going to be released, are stipulated in the schedule 'F'. The contractor shall be required to submit a utilization Certificate for the installment of the Mobilization advance received within thirty days from the date of disbursement. The second and subsequent installments shall be released by the Engineer- in- Charge only after the contractor furnishes</p>

		<p>a proof of the utilization of the earlier installment to the entire satisfaction of the Engineer-in-Charge.</p> <p>Before any installment of advance is released, the contractor shall execute a Bank Guarantee Bond from any Scheduled Bank for the amount equal to 110% of the amount of the installment and valid for atleast six months from the date of disbursement of installment and submit to the Employer.</p> <p>Provided always that provision of Clause 10 A (ii) shall be applicable only when so provided in 'Schedule F'.</p>
Interest & Recovery on Mobilization Advance	iii)	<p>The mobilization advance as above shall bear Simple Interest at Prime Lending Rate (PLR) of State Bank of India (SBI) on the date of payment of advance against bank guarantee/(s) and shall be calculated from the date of payment to the date of recovery, both days inclusive on the outstanding amount. Recovery of such sums advanced along with the accrued interest thereon shall be made installment-wise i.e. each installment of Mobilization advance plus the accrued interest thereon shall be recovered by deduction from the contractor's any Running account bill submitted to the Employer within 120 days from the date of disbursement of the installment of Mobilization advance, if acceptable to the contractor, or by encashing the Bank Guarantee submitted by the contractor for that installment immediately on the expiry of the one hundred twenty days period from the date of disbursement of the installment of Mobilization advance, if no Running account bill is submitted by the contractor to the Employer and is pending for payment by the Employer within 120 days from the disbursement of the Installment or the contractor requests the Employer not to recover the said mobilization advance from his running account bill.</p>
CLAUSE 10B		
Price Adjustment - Payment on Account of variation in Material Prices/Wages	i)	<p>Where scheduled period of completion is more than one year, in order to take in to account the variations in Material prices and wages during the contract period when the work is in progress, including the justified period extended under the provisions of clause 5 of the contract without any action under clause 2, adjustments in the costs of materials and labour shall be allowed on the basis of formulae as given below:</p> <p>(1) Materials</p> $V_M = 70/100 \{0.88V - (M)\} \times \{(W_I - W_{I0})/W_{I0}\}$ <p>Where</p> $V_M = \text{Variation in material cost, i.e., increase or decrease in the amount in Rs. to be paid or recovered.}$

		<p>V = Value of work done excluding advances on materials, if any, during the period under reckoning.</p> <p>M = Cost of materials for which basic rates, if any, are indicated in the tender</p> <p>WI = Average of All India Wholesale Price Index for all commodities for the period under reckoning as published in the RBI Bulletin.</p> <p>WIo = All India Wholesale Price Index for all commodities during the month of receipt of final Price Bid of the tender as published in the RBI Bulletin</p> <p>(2) Labour</p> <p>$V_L = 30/100 \{0.88V - (M)\} \times \{(CI - CIo)/CIo\}$</p> <p>Where</p> <p>$V_L$ = Variation in labour cost, <i>i.e.</i>, increase or decrease in the amount in Rs to be paid or recovered.</p> <p>V = As stated in (1) above</p> <p>M = As stated in (1) above</p> <p>CI = Average of All India Consumer Price Index for industrial workers declared by Labour Bureau, Government of India as published in the RBI Bulletin during the period under reckoning.</p> <p>CIo = All India Consumer Price Index for industrial workers declared by Labour Bureau, Government of India as published in RBI Bulletin during the month of receipt of final Price Bid of the tender.</p>
	ii)	The base date for working out such price adjustment shall be the last stipulated date of receipt of Final Price bid of the tenders.
	iii)	The cost of work on which price adjustment will be payable shall be reckoned as below :
	a)	Gross value of work done up to last price adjustment : (A)
	b)	Gross value of work done up to the current date : (B)
	c)	Gross value of work done during the period under reckoning (A-B) (C)

		d)	Extra items/deviated quantities of items paid as per Clause 12 Based on prevailing market rates during the period under reckoning:	(D)
		k)	Then, Cost of work for which price adjustment is applicable: $V = C - D$	
	iv)		Materials which are covered by the provision of basic prices/ rates are excluded from the purview under this adjustment.	
	v)		Adjustments based on the above formulae will be made for each bill as and when the indices are published. The Contractors shall submit the bill for price adjustment with detailed calculations.	
	vi)		The downward adjustment on account of labour element will be made only if the minimum wages also register corresponding fall compared to the minimum wages prevailing in the month of receipt of final price bid of the tenders.	
	vii)		The price adjustment clause shall be applicable only for the work executed during the contract period including authorized extension, if any. In case the work is not completed within the contract period including authorized extension and the provision of liquidated damages has to be enforced, this adjustment clause will not be applicable for work done during that period. It is also clarified that price adjustment clause will not be applicable to any extra variation items, the rates of which are based on prevailing market rate.	
	viii)		In view of the price adjustment in cost being covered as above, no other adjustments viz. increase or decrease due to statutory measures/levies etc. will be allowed for any reason whatsoever.	
	ix)		In case the bill is submitted to the Employer prior to 15th of a particular month, index for the previous month will be reckoned for calculating the average indices for arriving at the adjustment. If however, the bill is submitted on or after 15th, the Indices for that particular month shall be taken into consideration.	
Work to be Executed in Accordance with Specifications, Drawings, Orders etc.	CLAUSE 11			
	i)		The contractor shall execute the whole and every part of the work in the most substantial and workmanlike manner both as regards materials and otherwise in every respect in strict accordance with the specifications. The contractor shall also conform exactly, fully and faithfully to the design, drawings and instructions in writing in respect of the work signed by the Engineer-in-Charge and the contractor shall be furnished free of charge one copy of the contract documents together with specifications, designs, drawings and instructions as are not included in any Bureau of Indian Standard or any other, published	

		standard or code or, Schedule of Rates or any other printed publication referred to elsewhere in the contract.
	ii)	In the case of any class of work for which there is no such specifications as referred above, such work shall be carried out in accordance with the Bureau of Indian Standards Specifications. In case there are no such specifications in Bureau of Indian Standards, the work shall be carried out as per manufacturers' specifications. In case there are no such specifications as required above, the work shall be carried out in all respects in accordance with the instructions and requirements of the Engineer-in-Charge.
	iii)	The contractor shall comply with the provisions of the contract and with the care and diligence execute and maintain the works and provide all labour and materials, tools and plants including for measurements and supervision of all works, structural plans and other things of temporary or permanent nature required for such execution and maintenance in so far as the necessity for providing these, is specified or is reasonably inferred from the contract. The Contractor shall take full responsibility for adequacy, suitability and safety of all the works and methods of construction.
Action in case Work not done as per Specifications	CLAUSE 11 A	
	i)	All works under or in course of execution or executed in pursuance of the contract, shall at all times be open and accessible to the inspection and supervision of the Engineer-in-charge, his authorized subordinates in charge of the work and all the superior officers of the Employer or any organization engaged by the Employer for Quality Assurance and of the Chief Technical Examiner's Office, and the contractor shall, at all times, during the usual working hours and at all other times at which reasonable notice of the visit of such officers has been given to the contractor, either himself be present to receive orders and instructions or have a responsible agent duly accredited in writing, present for that purpose. Orders given to the Contractor's agent shall be considered to have the same force as if they had been given to the contractor himself.
	ii)	If it shall appear to the Engineer-in-charge or his authorized representatives or to the Superior Officers of the employer or the officers of the organization engaged by the Employer for Quality Assurance or to the Chief Technical Examiner or his subordinate officers, that any work has been executed with unsound, imperfect, or unskillful workmanship, or with materials or articles provided by him for the execution of the work which are unsound or of a quality inferior to that contracted or otherwise not in accordance with the contract, the contractor shall, on demand in writing which shall be made within Defects Liability Period stated in schedule 'F' or, if none stated, then within twelve months (six months in the case of work costing Rs Five Lakh and below) after

		completion of the work, from the Engineer-in-Charge specifying the work, materials or articles complained of notwithstanding that the same may have been passed, certified and paid for forthwith rectify, or remove and reconstruct the work so specified in whole or in part, as the case may require or as the case may be, remove the materials or articles so specified and provide other proper and suitable materials or articles at his own charge and cost. In the event of him failing to do so within a period specified by the Engineer-in-Charge in his demand aforesaid, then the contractor shall be liable to pay compensation at the same rate as under clause 2 of the contract (for non-completion of the work in time) for this default.
	iii)	In such case the Engineer-in-Charge may not accept the item of work at the rates applicable under the contract but may accept such items at reduced rates as the authority specified in Schedule 'F' may consider reasonable during the preparation of on account bills or final bill if the item is so acceptable without detriment to the safety and utility of the item and the structure or he may reject the work outright without any payment and/or get it and other connected and incidental items rectified, or removed and re-executed at the risk and cost of the contractor. Decision of the Engineer-in-Charge to be conveyed in writing in respect of the same will be final and binding on the contractor.
Deviations/ Variations Extent and Pricing	CLAUSE 12	
		<p>The Engineer-in-Charge shall have power (i) to make alteration in, omissions from, additions to, or substitutions for the original specifications, drawings, designs and instructions that may appear to him to be necessary or advisable during the progress of the work, and (ii) to omit a part of the works in case of non-availability of a portion of the site or for any other reasons and the contractor shall be bound to carry out the works in accordance with any instructions given to him in writing signed by the Engineer-in-Charge and such alterations, omissions, additions or substitutions shall form part of the contract as if originally provided therein and any altered, additional or substituted work which the contractor may be directed to do in the manner specified above as part of the works, shall be carried out by the contractor on the same conditions in all respects including price on which he agreed to do the main work except as hereafter provided.</p> <p>The Engineer-in-Charge shall be the final authority to decide whether any item of work is extra/ deviation/ substitution item.</p>
	12.1	The time for completion of the works shall, in the event of any deviations resulting in additional cost over the Contract price sum being ordered, be extended, if requested by the contractor, as follows
		i)

			of work(including the financial impact of all extra, substituted and deviated items but excluding the financial impact due to operation of price adjustment clause) and the Contract price), bears to the original Contract price plus
		ii)	25% of the time calculated in (i) above or such further additional time as may be considered reasonable by the Engineer-in-Charge.
Deviation - Extra Items and Pricing	12.2	A)	Items that are completely new, and are in addition to the items contained in the contract
			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 of works are carried out or if the amount of any omissions or additions relative to the amount of the whole of the contract works or to any part thereof shall be such that in the opinion of the Engineer-in-charge the net rate or price contained in the Priced Schedule of Quantities or tender or for any item of the works involves loss or expense beyond that reasonably contemplated by the Contractor or is by reason of such omission or addition rendered unreasonable or inapplicable, the Engineer-in-charge shall fix such other rate or price as in the circumstances he shall think reasonable and proper, with the prior approval in writing of the Employer.
			Where extra work cannot be properly measured or valued, the Contractor shall be allowed day work prices as the net rates stated in the tender of the Priced Schedule of Quantities 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 Engineer-in-charge, the workman's name) and materials employed be delivered for verification to the Engineer-in-charge or his representative at or before the end of the week following that in which the work has been executed.
			In the case of extra item(s) (items that are completely new, and are in addition to the items contained in the contract), the contractor may within fifteen days of receipt of order or occurrence of the item(s) claim rates, supported by proper rate analysis (CPWD method shall be followed as far as possible) worked on the "actual cost basis" plus 15% towards establishment charges, contractor's overhead and profit and the Engineer-in-charge shall within prescribed time limit of the receipt of the claims supported by analysis, after giving consideration to the analysis of the rates submitted by the contractor, determine the rates on the basis of

			<p>the market rates and the contractor shall be paid in accordance with the rates so determined.</p> <p>Such items will not be eligible for escalation.</p>	
Deviation - Substituted Items and Pricing		B)	Items that are taken up with partial substitution or in lieu of items of work in the contract	
			In the case of substituted items (items that are taken up with partial substitution or in lieu of items of work in the contract), the rate for the agreement item (to be substituted) and substituted item shall, wherever possible, be derived out of the rates given in priced schedule of quantities in the manner as mentioned in the following para.	
			a)	The net rates or prices in the original tender 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 therein.
			b)	The net prices of the original tender shall determine the value of the items omitted provided if omissions vary the conditions under which any remaining items of works are carried out the prices for the same shall be valued under sub-clause (A) thereof.
			c)	If the market rate for the substituted item so determined is more than the market rate of the agreement item (to be substituted), the rate payable to the contractor for the substituted item shall be the rate for the agreement item (to be substituted) so increased to the extent of the difference between the market rates of substituted item and the agreement item (to be substituted).
			d)	If the market rate for the substituted item so determined is less than the market rate of the agreement item (to be substituted), the rate payable to the contractor for the substituted item shall be the rate for the agreement item (to be substituted) so decreased to the extent of the difference between the market rates of substituted item and the agreement item (to be substituted).
Deviation - Deviated Quantities and Pricing		C)	In the case of contract items, substituted items, contract cum substituted items which exceed the pre-specified limits over the tender quantity	
			In the case of contract items, substituted items, contract cum substituted items, which exceed the pre-specified limits laid down in Schedule 'F', the contractor may within fifteen days of receipt of order or occurrence of the excess, claim revision of the rates,	

			supported by proper rate analysis (CPWD method shall be followed as far as possible) worked on the “actual cost basis” plus 15% towards establishment charges, contractor’s overhead and profit for the work in excess of the above mentioned limits, provided that if the rates so claimed are in excess of the rates specified in the schedule of quantities, the Engineer-in-Charge shall within prescribed time limit of receipt of the claims supported by analysis, after giving consideration to the analysis of the rates submitted by the contractor, determine the rates on the basis of the market rates and the contractor shall be paid in accordance with the rates so determined.			
			The provisions of the preceding paragraph shall also apply to the decrease in the rates of items for the work in excess of the limits laid down in Schedule F, and the Engineer-in-Charge shall after giving notice to the contractor within one month of occurrence of the excess and after taking into consideration any reply received from him within fifteen days of the receipt of the notice, revise the rates for the work in question within one month of the expiry of the said period of fifteen days having regard to the market rates.			
	12.3		The prescribed time limits for finalising rates for Extra Item(s), Substitute Item(s) and Deviated Quantities of contract items are as under:			
		i)	If the Contract price of work is up to Rs. 50 lac :	15 days.		
		ii)	If the Contract price of work exceeds Rs. 50 Lac:	30 days.		
	12.4	The contractor shall send to the Engineer-in-Charge once every three months, an up to date account giving complete details of all claims for additional payments to which the contractor may consider himself entitled and of all additional work ordered by the Engineer-in-Charge which he has executed during the preceding quarter failing which the contractor shall be deemed to have waived his right. However, the Employer may authorise consideration of such claims on merits.				
	12.5	For the purpose of operation of Schedule ‘F’, the following works shall be treated as works relating to foundation unless & otherwise defined in the contract:				
		i)	For Buildings : All works up to 1.2 metres above ground level or up to floor 1 level whichever is lower.			
		ii)	For abutments, piers and well staining : All works up to 1.2 m above the bed level.			

		iii)	For retaining walls, wing walls, compound walls, chimneys, overhead reservoirs/ tanks and other elevated structures : All works up to 1.2 metres above the ground level.
		iv)	For reservoirs/tanks (other than overhead reservoirs/tanks) : All works up to 1.2 metres above the ground level.
		v)	For basement: All works up to 1.2 m above ground level or up to floor 1 level whichever is lower
		vi)	For Roads, all items of excavation and filling including treatment of sub base.
	12.6	Any operation incidental to or necessarily has to be in contemplation of tenderer while filing tender, or necessary for proper execution of the item included in the Schedule of quantities or in the schedule of rates mentioned above, whether or not, specifically indicated in the description of the item and the relevant specifications, shall be deemed to be included in the rates quoted by the tenderer or the rate given in the said schedule of rates, as the case may be. Nothing extra shall be admissible for such operations.	
Foreclosure of contract due to Abandonment or Reduction in Scope of Work	CLAUSE 13		
	If at any time after acceptance of the tender, Employer shall decide to abandon or reduce the scope of the works for any reason whatsoever and hence not require the whole or any part of the works to be carried out, the Engineer-in-Charge shall give notice in writing to 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 whatsoever, on account of any profit or advantage which he might have derived from the execution of the works in full but which he did not derive in consequence of the foreclosure of the whole or part of the works.		
	The contractor shall be paid at contract rates, full amount for works executed at site and, in addition, a reasonable amount as certified by the Engineer-in-Charge for the items hereunder mentioned which could not be utilized on the work to the full extent in view of the foreclosure;		
	i)	Any expenditure incurred on preliminary site work, e.g. temporary access roads, temporary labour huts, staff quarters, Tools & Plant, site office; storage accommodation and water storage tanks etc.	
	ii)	Employer shall have the option to take over contractor's materials or any part thereof either brought to site or of which the contractor is legally bound to accept delivery from suppliers (for incorporation in or incidental to the work) provided, however Employer shall be bound to take over the materials or such portions thereof as the contractor does not desire to retain. For materials taken over or to be taken over by Employer, cost of such materials as detailed by Engineer-in- Charge shall be paid. The cost	

		shall, however, take into account purchase price, cost of transportation and deterioration or damage which may have been caused to materials whilst in the custody of the contractor.
	The contractor shall, if required by the Engineer- in-Charge, furnish to him, books of account, wage books, time sheets and other relevant documents and evidence as may be necessary to enable him to certify the reasonable amount payable under this condition.	
	The reasonable amount of items on (i) above shall not be in excess of 0.5% of the cost of the work remaining incomplete on the date of closure, i.e. total stipulated cost of the work as per accepted tender less the cost of work actually executed under the contract and less the cost of contractor's materials at site taken over by the Employer as per item (ii) above. Provided always that against any payments due to the contractor on this account or otherwise, the Engineer-in-Charge shall be entitled to recover or be credited with any outstanding balances due from the contractor for advance paid in respect of any tool, plants and materials and any other sums which at the date of termination were recoverable by the Employer from the contractor under the terms of the contract.	
Carrying out part work at risk & cost of contractor	CLAUSE 14	
	If contractor:	
	i)	At any time makes default during currency of work or does not execute any part of the work with due diligence and continues to do so even after a notice in writing of 7 days in this respect from the Engineer-in-Charge; or
	ii)	Commits default in complying with any of the terms and conditions of the contract and does not remedy it or takes effective steps to remedy it within 7 days even after a notice in writing is given in that behalf by the Engineer-in-Charge; or
	iii)	Fails to complete the work(s) or items of work with individual dates of completion, on or before the date(s) so determined, and does not complete them within the period specified in the notice given in writing in that behalf by the Engineer-in-Charge.
	The Engineer- in-Charge without invoking action under clause 3 may, without prejudice to any other right or remedy against the contractor which have either accrued or accrue thereafter to Employer, by a notice in writing to take the part work / part incomplete work of any item(s) out of his hands and shall have powers to:	
	a)	Take possession of the site and any materials, constructional plant, implements, stores, etc., thereon; and/or

	b)	Carry out the part work / part incomplete work of any item(s) by any means at the risk and cost of the contractor.
<p>The Engineer-in-Charge shall determine the amount, if any, is recoverable from the contractor for completion of the part work/ part incomplete work of any item(s) taken out of his hands and execute at the risk and cost of the contractor. The liability of contractor on account of loss or damage suffered by Employer because of action under this clause shall not exceed 10% of the Contract price of the work.</p> <p>In determining the amount, credit shall be given to the contractor with the value of work done in all respect in the same manner and at the same rate as if it had been carried out by the original contractor under the terms of his contract, the value of contractor's materials taken over and incorporated in the work and use of plant and machinery belonging to the contractor. The certificate of the Engineer-in-Charge as to the value of work done shall be final and conclusive against the contractor provided always that action under this clause shall only be taken after giving notice in writing to the contractor. Provided also that if the expenses incurred by the Employer are less than the amount payable to the contractor at his agreement rates, the difference shall not be payable to the contractor.</p> <p>Any excess expenditure incurred or to be incurred by Employer in completing the part work/ part incomplete work of any item(s) or the excess loss of damages suffered or may be suffered by Employer as aforesaid after allowing such credit shall without prejudice to any other right or remedy available to Employer in law or as per agreement be recovered from any money due to the contractor on any account, and if such money is insufficient, the contractor shall be called upon in writing and shall be liable to pay the same within 30 days.</p> <p>If the contractor fails to pay the required sum within the aforesaid period of 30 days, the Engineer-in-Charge shall have the right to sell any or all of the contractors' unused materials, constructional plant, implements, temporary building at site etc. and adjust the proceeds of sale thereof towards the dues recoverable from the contractor under the contract and if thereafter there remains any balance outstanding, it shall be recovered in accordance with the provisions of the contract.</p> <p>In the event of above course being adopted by the Engineer-in-Charge, the contractor shall have no claim to compensation for any loss sustained by him by reason of his having purchased or procured any materials or entered into any engagements or made any advance on any account or with a view to the execution of the work or the performance of the contract.</p>		
	CLAUSE 15	
	i)	The contractor shall, on receipt of the order in writing of the Engineer-in-Charge, (whose decision shall be final and binding on the contractor)

Suspension of Work		suspend the progress of the works or any part thereof for such time and in such manner as the Engineer-in-Charge 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 the following reasons:
	a)	on account of 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 of the contractor; or
	c)	for safety of the works or part thereof. The contractor shall, during such suspension, properly protect and secure the works to the extent necessary and carry out the instructions given in that behalf by the Engineer-in-Charge.
	ii)	If the suspension is ordered for reasons (b) and (c) in sub-para (i) above:
	a)	the contractor shall be entitled to an extension of time equal to the period of every such suspension PLUS 25%, for completion of the item or group of items of work for which a separate period of completion is specified in the contract and of which the suspended work forms a part, and;
	b)	If the total period of all such suspensions in respect of an item or group of items or work for which a separate period of completion is specified in the contract exceeds thirty days, the contractor shall, in addition, be entitled to such compensation as the Engineer-in-Charge may consider reasonable in respect of salaries and/or wages paid by the contractor to his employees and labour at site, remaining idle during the period of suspension, adding thereto 2% to cover indirect expenses of the contractor provided the contractor submits his claim supported by details to the Engineer-in-Charge within fifteen days of the expiry of the period of 30 days.
	iii)	If the works or part thereof is suspended on the orders of the Engineer-in-Charge for more than three months at a time, except when suspension is ordered for reason (a) in sub-para (i) above, the contractor may after receipt of such order serve a written notice on the Engineer-in-Charge requiring permission within fifteen days from receipt by the Engineer-in-Charge of the said notice, to proceed with the work or part thereof in regard to which progress has been suspended and if such permission is not granted within that time, the contractor, if he intends to treat the suspension, where it affects only a part of the works as an omission of such part by Employer or where it affects whole of the works, as an abandonment of the works by Employer, shall within ten days of expiry of such period of 15 days give notice in writing of his intention to the Engineer-in-Charge. In the event of the contractor treating the suspension as an abandonment of the contract by Employer, he shall have no claim to payment of any compensation on account of any profit

		or advantage which he might have derived from the execution of the work in full but which he could not derive in consequence of the abandonment. He shall, however, be entitled to such compensation, as the Engineer-in-Charge may consider reasonable, in respect of salaries and/or wages paid by him to his employees and labour at site, remaining idle in consequence adding to the total thereof 2% to cover indirect expenses of the contractor provided the contractor submits his claim supported by details to the Engineer-in-Charge within 30 days of the expiry of the period of 3 months.
Dismantled Material Employer's Property	CLAUSE 16	
	The contractor shall treat all materials obtained during dismantling of a structure, excavation of the site for a work, etc. as Employer's property and such materials shall be disposed off as per the specific instructions in this regard or in absence of the same to the best advantage of Employer according to the instructions in writing issued by the Engineer-in-Charge.	
Contractor Liable for Damages, defects during defect liability period	CLAUSE 17	
	i)	If the contractor or his working people shall break, deface, injure or destroy any part of building in which they may be working, or any building, road, road kerb, fence, enclosure, water pipe, cables, drains, electric or telephone post or wires, trees, grass or grassland, or cultivated ground contiguous to the premises on which the work or any part is being executed, or if any damage shall happen to the work while in progress, from any cause whatever or if any defect, shrinkage, settlement or other faults appear in the work within Defects Liability Period stated in schedule 'F' or, if none stated, then within twelve months (six months in the case of work costing Rs Five Lakh and below) after a certificate final or otherwise of its completion shall have been given by the Engineer- in-Charge as aforesaid arising out of defect or improper materials or workmanship, the contractor shall upon receipt of a notice in writing on that behalf and within such reasonable times as shall be specified therein, make the same good at his own expense or in case of default the Engineer-in-Charge may employ and pay other persons to amend and make good such defects, shrinkage, settlements or other faults and all damages, loss and expenses consequent thereon or incidental thereto shall be made good and borne by the Contractor and such damage, loss, expenses shall be recoverable from him by the Employer or may be deducted by the Employer, upon the Engineer-in-Charge's Certificate in writing, from any money due or may become due to the Contractor, or the Employer may in lieu of such amending and making good by the Contractor deduct from any money due to the Contractor, a sum, to be determined by the Engineer-in-Charge equivalent to the cost of amending such work and in the event of the amount retained as Security Deposit being insufficient, recover the balance from the Contractor, together with any expenses the Employer

		may have incurred in connection therewith. Should any defective work have been done or material supplied by any sub-contractor employed on the works who has been nominated or approved by the Employer, the Contractor shall be liable to make good in the same manner as if such work or material had been done or supplied by the Contractor and been subject to the provisions of this Clause. The Contractor shall remain liable under the provisions of this Clause notwithstanding the signing of any certificate or the passing of any accounts, by the Employer. . The security deposit of the contractor shall not be refunded before the expiry of the Defect Liability Period after the issue of the certificate final or otherwise, as provided elsewhere.
	ii)	In case of Maintenance and Operation works of E&M services, the security deposit deducted from contractors shall be refunded within one month from the date of final payment or within one month from the date of completion of the maintenance contract whichever is earlier.
Setting out of works	Clause 18	
	<p>The Contractor shall set out the works 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. If at any time, any error in this respect shall appear during the progress of the works or within the Defect Liability Period after completion of the works, the Contractor shall, if so required, at his own expense rectify such error to the satisfaction of the Engineer-in-Charge.</p> <p>The checking of any setting-out or of any line or level by the Engineer-in-charge or his representative shall not in any way relieve the Contractor of his responsibility for the correctness thereof and the Contractor shall carefully protect and preserve all bench-marks, sight rails, pegs and other things used in setting out the works.</p>	
All relevant Statutory Laws to be complied by the Contractor	CLAUSE 19	
	i)	The contractor shall obtain a valid license under the Contract Labour (R&A) Act, 1970, and the Contract Labour (Regulation and Abolition) Central Rules, 1971, before the commencement of the work, and continue to have a valid license until the completion of the work. The contractor shall also abide by the provisions of the Child Labour (Prohibition and Regulation) Act, 1986, Minimum Wages (Central) Rules, 1950.
	ii)	The contractor shall also comply with the provisions of the building and other Construction Workers (Regulation of Employment & Conditions of Service) Act, 1996 and the building and other Construction Workers Welfare Cess Act, 1996.
	iii)	The contractor shall comply with the provisions of the Payment of Wages Act, 1936, Minimum Wages Act, 1948, Employees Liability Act, 1938, Workmen's Compensation Act, 1923, Industrial Disputes Act, 1947,

		Maternity Benefits Act, 1961, or the modifications thereof or any other relevant laws and the rules made thereunder from time to time.			
	iv)	The contractor shall comply with provisions of any other relevant law in connection with the work, as may be applicable.			
	v)	Any failure to fulfill these requirements shall attract the penal provisions of the concerned Act and Contractor shall be liable to face the consequences thereof in addition to any other penal provisions of this contract. The contractor shall indemnify the Employer for any loss caused due to non-compliance with any of the provisions of laws applicable.			
Payment of wages:	CLAUSE 19 A				
	i)	The contractor shall pay to labour employed by him either directly or through subcontractors, wages not less than fair wages as per the provisions of the Contract Labour (Regulation and Abolition) Act, 1970 and the contract Labour (Regulation and Abolition) Central Rules, 1971, wherever applicable.			
	ii)	The contractor shall, notwithstanding the provisions of any contract to the contrary, cause to be paid fair wage to labour indirectly engaged on the work, including any labour engaged by his sub-contractors in connection with the said work, as if the labour had been immediately employed by him.			
	iii)	In respect of all labour directly or indirectly employed in the works for performance of the contractor's part of this contract, the contractor shall comply with or cause to be complied with the Labour Regulations made by Government from time to time in regard to payment of wages, wage period, deductions from wages, recovery of wages not paid and deductions unauthorizedly made, maintenance of wage books or wage slips, publication of scale of wages and other terms of employment, inspection and submission of periodical returns and all other matters of the like nature or as per the provisions of the Contract Labour (Regulation and Abolition) Act, 1970, and the Contract Labour (Regulation and Abolition) Central Rules, 1971, wherever applicable.			
	iv)	<table><tr><td>a)</td><td>The Engineer-in-Charge concerned shall have the right to deduct from the moneys due to the contractor any sum required or estimated to be required for making good the loss suffered by a worker or workers by reason of non-fulfilment of the conditions of the contract for the benefit of the workers, non-payment of wages or of deductions made from his or their wages which are not justified by their terms of the contract or non-observance of the Regulations.</td></tr><tr><td>b)</td><td>Under the provision of Minimum Wages (Central) Rules, 1950, the contractor is bound to allow to the labours directly or indirectly employed in the works one day rest for 6 days continuous work and</td></tr></table>	a)	The Engineer-in-Charge concerned shall have the right to deduct from the moneys due to the contractor any sum required or estimated to be required for making good the loss suffered by a worker or workers by reason of non-fulfilment of the conditions of the contract for the benefit of the workers, non-payment of wages or of deductions made from his or their wages which are not justified by their terms of the contract or non-observance of the Regulations.	b)
a)	The Engineer-in-Charge concerned shall have the right to deduct from the moneys due to the contractor any sum required or estimated to be required for making good the loss suffered by a worker or workers by reason of non-fulfilment of the conditions of the contract for the benefit of the workers, non-payment of wages or of deductions made from his or their wages which are not justified by their terms of the contract or non-observance of the Regulations.				
b)	Under the provision of Minimum Wages (Central) Rules, 1950, the contractor is bound to allow to the labours directly or indirectly employed in the works one day rest for 6 days continuous work and				

		pay wages at the same rate as for duty. In the event of default, the Engineer-in-Charge shall have the right to deduct the sum or sums not paid on account of wages for weekly holidays to any labours and pay the same to the persons entitled thereto from any money due to the contractor.
	v)	The contractor shall indemnify as per the approved format and keep indemnified the Employer against payments to be made under and for the observance of the laws aforesaid without prejudice to his right to claim indemnity from his sub-contractors.
	vi)	The laws aforesaid shall be deemed to be a part of this contract and any breach thereof shall be deemed to be a breach of this contract.
	vii)	The contractor shall ensure that no amount by way of commission or otherwise is deducted or recovered from the wage of workmen.
	CLAUSE 19 B	
	In respect of all labour directly or indirectly employed in the work for the performance of the contractor's part of this contract, the contractor shall at his own expense arrange for the safety provisions as per the Safety Code annexed and shall also at his own expense provide for all facilities in connection therewith.	
	CLAUSE 19 C (NOT APPLICABLE)	
	The contractor shall submit by the 4th and 19th of every month, to the Engineer-in-Charge, a true statement showing in respect of the second half of the preceding month and the first half of the current month respectively:-	
	1)	the number of labourers employed by him on the work,
	2)	their working hours,
	3)	the wages paid to them,
	4)	the accidents that occurred during the said fortnight showing the circumstances under which they happened and the extent of damage and injury caused by them, and
	Failing which the contractor shall be liable to pay to Employer, a sum not exceeding Rs.200/- for each default or materially incorrect statement. The decision of the Employer shall be final in deducting from any bill due to the contractor, the amount levied as fine and be binding on the contractor.	
	CLAUSE 19 D	
	In respect of all labour directly or indirectly employed in the works for the performance of the contractor's part of this contract, the contractor shall comply with or cause to be complied with all the rules framed by Government	

	from time to time for the protection of health and sanitary arrangements for workers employed by him/her..	
	CLAUSE 19 E	
	The Engineer-in-Charge may require the contractor to dismiss or remove from the site of the work any person or persons in the contractor's employment upon the work who may be incompetent or misconduct himself and the contractor shall forthwith comply with such requirements. In respect of maintenance/repair or renovation works etc. where the labour have an easy access to the individual houses, the contractor shall issue identity cards to the labourers, whether temporary or permanent and he shall be responsible for any untoward action on the part of such labour.	
	CLAUSE 19 F	
	i)	It shall be the responsibility of the contractor to see that the building under construction is not occupied by anybody unauthorizedly during construction, and is handed over to the Engineer-in-Charge with vacant possession of complete building. If such building though completed is occupied illegally, then the Engineer-in-Charge shall have the option to refuse to accept the said building/buildings in that position. Any delay in acceptance on this account will be treated as the delay in completion and for such delay, the provisions of clause 2 shall be applied by the Employer whose decision shall be final both with regard to the justification and quantum and be binding on the contractor.
	ii)	However, the Employer, through a notice, may require the contractor to remove the illegal occupation any time on or before construction and delivery.
	CLAUSE 19 G	
Employment of skilled/semi skilled workers	i)	The contractor shall, at all stages of work, deploy skilled/semi-skilled tradesmen who are qualified in particular trade. If the tradesmen are found to have inadequate skill to execute the work of respective trade, the contractor shall substitute such tradesmen within two days of written notice from Engineer-in- Charge. Decision of Engineer-in-Charge as to whether particular tradesman possesses requisite skill shall be final and binding.
	ii)	Provided always, that the provisions of this clause, shall not be applicable for works with estimated cost put to tender being less than Rs. 5 crores.
Contribution of EPF and ESI	CLAUSE 19 H	
	The ESI and EPF contributions on the part of employer in respect of this contract shall be paid by the contractor. The quoted rate shall be inclusive of these amounts. The contractor shall submit the details of registration of labour for	

	EPF and ESI and documents evidencing these payments shall be submitted every month.	
Ensuring Payment and Amenities to Workers if Contractor fails	CLAUSE 19 I	
	<p>In every case in which by virtue of the provisions of the Contract Labour (Regulation and Abolition) Act, 1970, and of the Contract Labour (Regulation and Abolition) Central Rules, 1971, Employer is obliged to pay any amounts of wages to a workman employed by the contractor in execution of the works, or to incur any expenditure in providing welfare and health amenities required to be provided under the above said Act and under the rules framed by Government from time to time for the protection of health and sanitary arrangements for workers employed by Contractors. Employer will recover from the contractor, the amount of wages so paid or the amount of expenditure so incurred; and without prejudice to the rights of the Employer under sub-section(2) of Section 20, and sub-section (4) of Section 21, of the Contract Labour (Regulation and Abolition) Act, 1970, Employer shall be at liberty to recover such amount or any part thereof by deducting it from the security deposit or from any sum due by Employer to the contractor whether under this contract or otherwise Employer shall not be bound to contest any claim made against it under sub-section (1) of Section 20, sub-section (4) of Section 21, of the said Act, except on the written request of the contractor and upon his giving to the Employer full security for all costs for which Employer might become liable in contesting such claim.</p>	
Authorities and Notices	CLAUSE 20	
	(i)	<p>The Contractor shall conform to the provisions of any Act of the Legislature relating to the work, and to the regulations and bye-laws of any authority, and of any water, electric supply and other companies and/or authorities with whose systems the structure is proposed to be connected and shall before making any variations from the Drawing or Specifications that may be necessitated by so conforming give to the Employer written notice, specifying the variation proposed to be made and the reason for making it and apply for instructions thereon.</p> <p>In case the Contractor shall not within ten days receive such instructions he shall proceed with the work conforming to the provisions, regulations or bye-laws in question, and any variation so necessitated shall be dealt with under Clause 12 thereof.</p>
	(ii)	<p>The Contractor shall bring to the attention of the Employer all notices required by the said Acts, regulations or bye-laws to be given to any authority and pay to such authority, or to any public office all fees that may be properly chargeable in respect of the works, and lodge the receipts with the Employer.</p>

Work not to be sublet. Action in case of insolvency	<p>CLAUSE 21</p> <p>The whole of the works included in the contract shall be executed by the Contractor and the Contract or any part/share thereof or any interest therein shall not be assigned or sublet without the prior written consent of the Employer, and no undertaking shall relieve the Contractor from the full and entire responsibility of the Contract or from active superintendence of the works during their progress.</p> <p>And if the contractor shall assign or sublet his contract, or attempt to do so, or become insolvent or commence any insolvency proceedings or make any composition with his creditors or attempt to do so, or if any bribe, gratuity, gift, loan, perquisite, reward or advantage pecuniary or otherwise, shall either directly or indirectly, be given, promised or offered by the contractor, or any of his servants or agent to any public officer or person in the employment of the Employer in any way relating to his office or employment, or if any such officer or person shall become in any way directly or indirectly interested in the contract, the Engineer-in-Charge on behalf of the Employer shall have power to adopt the course specified in Clause 3 hereof in the interest of Employer and in the event of such course being adopted, the consequences specified in the said Clause 3 shall ensue.</p>
Recovery of Compensation paid to Workmen	<p>CLAUSE 22</p> <p>In every case in which by virtue of the provisions of the Workmen's Compensation Act, 1923, or any statutory modification or re-enactment thereof, Employer is obliged to pay compensation to a workman employed by the contractor, in execution of the works, Employer shall be entitled to recover from the contractor, the amount of the compensation so paid; and, without prejudice to the rights of the Employer under the provisions of the said Act, Employer shall be at liberty to recover such amount or any part thereof by deducting it from the security deposit or from any sum due by Employer to the contractor whether under this contract or otherwise. Employer shall not be bound to contest any claim made against it under the provisions of the said Act, except on the written request of the contractor and upon his giving to Employer full security for all costs for which Employer might become liable in consequence of contesting such claim.</p>
Changes in firm's Constitution to be intimated	<p>CLAUSE 23</p> <p>Where the contractor is a partnership firm, the previous approval in writing of the Engineer-in-Charge shall be obtained before any change is made in the constitution of the firm. Where the contractor is an individual or a Hindu undivided family business concern, such approval as aforesaid shall likewise be obtained before the contractor enters into any partnership agreement where under the partnership firm would have the right to carry out the works hereby undertaken by the contractor. If previous approval as aforesaid is not obtained, the contract shall be deemed to have been assigned in</p>

	contravention of Clause 21 hereof and the same action may be taken, and the same consequences shall ensue as provided in the said Clause 21.	
Contractor to Supply Material, Machinery, Equipment, Tools & Plants etc.	CLAUSE 24	
	The contractor shall arrange at his own expense all materials (including consumables such as welding rods etc.), all tools, plant, machinery and equipment (hereinafter referred to as T&P) required for execution of the work. In addition to this, appliances, implements, other plants, ladders, cordage, tackle, steel scaffolding and temporary works required for the proper execution of the work, whether original, altered or substituted and whether included in the specifications or other documents forming part of the contract or referred to in these conditions or not, or which may be necessary for the purpose of satisfying or complying with the requirements of the Engineer-in-Charge as to any matter as to which under these conditions he is entitled to be satisfied, or which he is entitled to require together with carriage therefor to and from the work. The contractor shall also supply without charge the requisite number of persons with the means and materials, necessary for the purpose of setting out works, and counting, weighing and assisting the measurement for examination at any time and from time to time of the work or materials.	
Settlement of Disputes & Arbitration	CLAUSE 25	
	Except where otherwise provided in the contract, all questions and disputes relating to the meaning of the specifications, design, drawings and instructions here-in 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 works 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)	The decision, opinion, direction, certificate of payment issued by the Engineer-in-Charge in respect of all or any of the excepted matters as provided in the contract shall be final, conclusive and binding on the parties hereto and shall be without appeal. Such decision may be in the form of a final certificate or otherwise.
	ii)	All other disputes and differences of any kind whatsoever arising out of or in connection with the contract or the carrying out of the works (whether during the progress of the works or after their completion and whether before or after the determination abandonment or breach of the contract) shall be referred to and settled by the Competent Authority of the Employer as specified in the schedule 'F'. The designated

		authority shall state its decision in writing within 28 days from the date of receipt of reference from the contractor.
	iii)	<p>But If the Competent Authority (CA) fails to give his decision within the aforesaid period or if either party be dissatisfied on any matter it may, within 28 days after receiving notice of such decision, give a written notice to the other party requiring that the matters in dispute be arbitrated upon. Such written notice shall specify the matters, which are in dispute or difference of which such written notice has been given. If both the parties agree, a single arbitrator would be appointed for the purpose. In case there is no agreement on the appointment of arbitrator, the employer shall prepare a panel of three persons' names and forward to the contractor to select one among them as arbitrator.</p> <p>The arbitrator so appointed/selected shall confine himself only to the dispute/difference referred to him while adjudicating and pronouncing his decision.</p> <p>The arbitrator shall make his or their award within one year (or such further extended time as may be decided by him or them as the case may be with the consent of the parties) from the date of entering on the reference. In case during the arbitration proceedings the parties mutually settle or compromise their dispute or difference, on the parties filing their joint memorandum of the settlement or compromise, the arbitrator or the arbitrators as the case may be, shall make an award in terms of such settlement or compromise.</p> <p>Upon any such reference, the decision on the cost incidental to the reference and award respectively shall be in the discretion of the arbitrator as the case may be, who may determine the amount thereof or direct the same to be taxed as between the party and party, and shall direct by whom and to whom and in what manner the same shall be borne and paid. This submission shall be deemed to be a submission to arbitration within the meaning of the Indian Arbitration and Conciliation Act, 1996 or any statutory modification thereof. The award of the arbitrator shall be final and binding on the parties. It is agreed that the Contractor shall not delay the carrying out of the works by reason of any such matter, question or dispute being referred to arbitration, but shall proceed with the works with all due diligence and shall until the decision of the arbitrator is given, abide by the decision of the Employer. No award of the arbitrator shall relieve the Contractor of his obligations to adhere strictly to the Employer's instructions with regard to the actual carrying out of the works. The Employer and the Contractor hereby also agree that arbitration under this clause shall be a condition precedent to any right of action under the contract. The place of Arbitration shall be as specified in Schedule 'F'.</p>
	CLAUSE 26	

Contractor to indemnify Employer against Patent Rights	The contractor shall fully indemnify and keep indemnified the Employer 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 himself pay any royalties, license fees etc. which may be payable in respect of any article or part thereof included in the contract or damages cost and charges of all and every sort that may be legally incurred in respect thereof. In the event of any claims made under or action brought against Employer in respect of any such matters as aforesaid, the contractor shall be immediately notified thereof and the contractor shall be at liberty, at his own expense, to settle any dispute or to conduct any litigation that may arise therefrom, provided that the contractor shall not be liable to indemnify the Employer 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 Engineer-in-Charge in this behalf.		
Lump sum Provisions in Tender	CLAUSE 27 When the estimate on which a tender is made includes lump sum in respect of parts of the work, the contractor shall be entitled to payment in respect of the items of work involved or the part of the work in question at the same rates as are payable under this contract for such items, or if the part of the work in question is not, in the opinion of the Engineer-in-Charge payable of measurement, the Engineer-in-Charge may at his discretion pay the lump-sum amount entered in the estimate, and the certificate in writing of the Engineer-in-Charge shall be final and conclusive against the contractor with regard to any sum or sums payable to him under the provisions of the clause.		
Nominated Sub-Contractors	CLAUSE 28 (i) All Specialists, Merchants, Tradesman and other executing any work of supplying and fixing any goods for which prime cost prices or provisional sums are included in the Schedule of Quantities and/or Specifications who may be nominated or selected by the Engineer-in-charge are hereby declared to be Sub-Contractors employed by the Contractor and are herein referred to as nominated Sub-Contractors.		
	(ii)	No nominated Sub-Contractor shall be employed on or in connection with the works against whom the Contractor shall make reasonable objection or (save where the Employer and Contractor shall otherwise agree) who will not enter into a Contract provided :	
		a)	That the nominated Sub-Contractor shall indemnify the Contractor against the same obligation in respect of the Sub-Contract as the Contractor is under in respect of this contract.
		b)	That the nominated Sub-Contractor shall indemnify the Contractor against claims in respect of any negligence by the Sub-Contractor, his servants or agents or any misuse by him or them of any scaffolding or other plant, the property of the Contractor or under any Workmen's Compensation Act in force.

		c)	Payment shall be made to the nominated Sub-Contractor within fourteen days of his receipt of the Engineer-in-charge's Certificate provided that before any certificate is issued, the Contractor shall, upon request, furnish to the Engineer-in-charge proof that all nominated Sub-Contractor's accounts included in previous Certificates have been duly discharged, on the default whereof, the Employer may pay the same upon a Certificate of the Engineer-in-charge and deduct the amount thereof from any sum due to the Contractor. The exercise of this power shall not create brevity of contract as between Employer and Sub-Contractor.
Withholding and lien in respect of sum due from contractor	CLAUSE 29		
	i)	<p>Whenever any claim or claims for payment of a sum of money arises out of or under the contract or against the contractor, the Employer shall be entitled to withhold and also have a lien to retain such sum or sums in whole or in part from the security, if any deposited by the contractor and for the purpose aforesaid, the Employer shall be entitled to withhold the security deposit, if any, furnished as the case may be and also have a lien over the same pending finalization or adjudication of any such claim. In the event of the security being insufficient to cover the claimed amount or amounts or if no security has been taken from the contractor, the Employer shall be entitled to withhold and have a lien to retain to the extent of such claimed amount or amounts referred to above, from any sum or sums found payable or which may at any time thereafter become payable to the contractor under the same contract or any other contract elsewhere with the R E S E R V E B A N K O F I N D I A pending finalization of adjudication of any such claim.</p> <p>It is an agreed term of the contract that the sum of money or moneys so withheld or retained under the lien referred to above by Employer will be kept withheld or retained as such by the Employer till the claim arising out of or under the contract is determined by the arbitrator(if the contract is governed by the arbitration clause) or by the competent court, as the case may be and that the contractor will have no claim for interest or damages whatsoever on any account in respect of such withholding or retention under the lien referred to above and duly notified as such to the contractor. For the purpose of this clause, where the contractor is a partnership firm or a limited company, the Employer shall be entitled to withhold and also have a lien to retain towards such claimed amount or amounts in whole or in part from any sum found payable to any partner/limited company as the case may be, whether in his individual capacity or otherwise.</p>	
	ii)	Employer shall have the right to cause an audit and technical examination of the works and the final bills of the contractor including all supporting vouchers, abstract, etc., to be made after payment of	

		<p>the final bill and if as a result of such audit and technical examination any sum is found to have been overpaid in respect of any work done by the contractor under the contract or any work claimed to have been done by him under the contract and found not to have been executed, the contractor shall be liable to refund the amount of over-payment and it shall be lawful for Employer to recover the same from him in the manner prescribed in sub-clause (i) of this clause or in any other manner legally permissible; and if it is found that the contractor was paid less than what was due to him under the contract in respect of any work executed by him under it, the amount of such under payment shall be duly paid by Employer to the contractor, without any interest thereon whatsoever.</p>
Lien in respect of claims in other Contracts	CLAUSE 29A	<p>Any sum of money due and payable to the contractor (including the security deposit returnable to him) under the contract may be withheld or retained by way of lien by the Employer against any claim of the Employer in respect of payment of a sum of money arising out of or under any other contract made by the contractor with the Employer or RESERVE BANK OF INDIA elsewhere.</p> <p>It is an agreed term of the contract that the sum of money so withheld or retained under this clause by the Employer will be kept withheld or retained as such by the Employer or till his claim arising out of the same contract or any other contract is either mutually settled or determined by the arbitration clause or by the competent court, as the case may be and that the contractor shall have no claim for interest or damages whatsoever on this account or on any other ground in respect of any sum of money withheld or retained under this clause and duly notified as such to the contractor.</p>
Return of Surplus materials	CLAUSE 30	<p>Notwithstanding anything contained to the contrary in this contract, where any materials for the execution of the contract are procured with the assistance of Employer by purchases made under orders or permits or licenses issued by Government, the contractor shall hold the said materials economically and solely for the purpose of the contract and not dispose them off without the written permission of the Employer and return it to Employer, if required by the Employer, all surplus materials that may be left with him after the completion of the contract or at its termination for any reason whatsoever on being paid or credited such price as the Engineer-in-Charge shall determine having due regard to the condition of the materials. The price allowed to the contractor however shall not exceed the purchase price thereof inclusive of sales tax, octroi and other such levies paid by Contractor in respect thereof. The decision of the Engineer-in-Charge shall be final and conclusive. In the event of breach of the aforesaid condition, the contractor shall in addition to throwing himself open to action for contravention of the terms of the license or permit and/or for criminal</p>

	breach of trust, be liable to Employer for all moneys, advantages or profits resulting or which in the usual course would have resulted to him by reason of such breach.	
Water and Electric power supply for work	CLAUSE 31	
	The contractor(s) shall make his/their own arrangements for water and Electric power supply required for the work and nothing extra will be paid for the same. This will be subject to the following conditions.	
	i)	That the water used by the contractor(s) shall be fit for construction purposes to the satisfaction of the Engineer-in-Charge.
	ii)	The Engineer-in-Charge shall make alternative arrangements for supply of water at the risk and cost of contractor(s) if the arrangements made by the contractor(s) for procurement of water are in the opinion of the Engineer-in-Charge, unsatisfactory.
Employer's water supply, if available	CLAUSE 31A	
	Water if available may be supplied to the contractor by the Employer subject to the following conditions:-	
	i)	The water charges @ 1 % shall be recovered on gross amount of the work done.
	ii)	The contractor(s) shall make his/their own arrangement of water connection and laying of pipelines from existing main source of supply.
Alternate water arrangements	iii)	The Employer do not guarantee to maintain uninterrupted supply of water and it will be incumbent on the contractor(s) to make alternative arrangements for water at his/ their own cost in the event of any temporary break down in the water mains so that the progress of his/their work is not held up for want of water. No claim of damage or refund of water charges will be entertained on account of such break down.
	CLAUSE 32 [NOT APPLICABLE]	
	i)	Where there is no piped water supply arrangement and the water is taken by the contractor from the wells or hand pump constructed by the Government, no charge shall be recovered from the contractor on that account. The contractor shall, however, draw water at such hours of the day that it does not interfere with the normal use for which the hand pumps and wells are intended. He will also be responsible for all damage and abnormal repairs arising out of his use, the cost of which shall be recoverable from him. The Engineer-in-Charge shall be the final authority to determine the cost recoverable from the contractor on this account and his decision shall be binding on the contractor.

	ii)	The contractor shall be allowed to construct temporary wells in Employer's land for taking water for construction purposes only after he has got permission of the Engineer-in- Charge in writing. No charges shall be recovered from the contractor on this account, but the contractor shall be required to provide necessary safety arrangements to avoid any accidents or damage to adjacent buildings, roads and service lines. He shall be responsible for any accidents or damage caused due to construction and subsequent maintenance of the wells and shall restore the ground to its original condition after the wells are dismantled on completion of the work. He shall also be responsible for obtaining any permissions required in this connection from the statutory authorities at his own cost.
Insurance in respect of damages to Persons and Property	CLAUSE 33	
		<p>The Contractor shall be responsible for all injury or damage to persons, animals or things, and for all damage to property which may arise from any factor omission on the part of the Contractor or any Sub-Contractor or any nominated Sub-Contractor or any of their employees. The liability under this clause shall cover also inter-alia any damage to structures, whether immediately adjacent to the works or otherwise, any damage to roads, streets, footpaths, bridges as well as damage caused to the building and other structures and works forming the subject matter of this contract. The contractor shall also be responsible for any damage caused to the buildings and other structures and works forming the subject matter of this contract due to rain, wind, frost or other inclemency of weather. The Contractor shall indemnify and keep indemnified the Employer and hold him harmless in respect of all and any loss and expenses arising from any such injury or damage to persons or property as aforesaid and also against any claim made in respect of injury or damage, whether under any statute or otherwise and also in respect of any award or compensation or damage consequent upon such claims. The Contractor shall, at his own expense, effect and maintain till issue of the virtual completion certificate under this contract, with an insurance company approved by the Employer, an All Risks Policy for Insurance for the full amount of the contract including earth quake & Fire risk in the joint names of the Employer and the Contractor (the name of the former being placed first in the policy) against all risks as per the standard all risk policy for Contractors and deposit such policy or policies with the Employer before commencing the works.</p> <p>The Contractor shall reinstate all damage of every sort mentioned in this clause so as to do delivery of the whole of the works complete and</p>

		perfect in every respect and so as to make good or otherwise satisfy all claims for damage to property or third parties.
		<p>The Contractor shall also indemnify and keep indemnified the Employer against all claims which may be made against the Employer by any person in respect of anything which may arise in respect of the works or in consequence thereof and shall at his own expense, effect and maintain until the virtual completion of the contract, with an Insurance Company approved by the Employer a policy of Insurance (Third Party Liability) in the joint names of the Employer and the Contractor (name of the former being placed first in the policy) against such risks and deposit such policy or policies before commencement of the works.</p> <p>The minimum limit of the coverage under the policy shall be Rs.2 lakhs per person for any one accident or occurrence and Rs.5 lakhs in respect of damage to property for any one accident or occurrence. The ceiling for such claims will be Rs 10Lakh without number of occurrences.The Contractor shall also indemnify the Employer against all claims which may be made upon the Employer, whether under the Workmen's Compensation Act or any other statute in force, during the currency of this contract or at Common Law in respect of any employee of the Contractor or Sub-Contractor and shall at his own expense effect and maintain until the Virtual Completion of the Contract with an Insurance Company approved by the Employer a policy of Insurance against such risks and deposit such policy or policies with the Employer from time to time during the currency of this contract.</p> <p>In default of the Contractor insuring as provided above, the Employer may so insure and may deduct the premiums paid from any money due or which may become due to the Contractor.</p>
		<p>The Contractor shall be responsible for any liability which may not be covered by the insurance policies referred to above and also for all other damages to any person, animal or defective carrying out of this contract, whatever, may be the reasons due to which the damage shall have been caused.</p> <p>The Contractor shall also indemnify and keep indemnified the Employer against all and any costs, charges or expenses arising out of any claim or proceedings relating to the works and also in respect of any award of damage or compensation arising therefrom.</p> <p>Without prejudice to the other rights of the Employer 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, compensation costs, charges and other expenses paid by</p>

		the Employer and which are payable by the Contractor under this clause.
Employment of Technical Staff and employees	CLAUSE 34	
	Contractor's Superintendence, Supervision, Technical Staff & Employees	
	i)	<p>The contractor shall provide all necessary superintendence during execution of the work and all along thereafter as may be necessary for proper fulfillment of the obligations under the contract until the expiry of the "Defects Liability Period" stated in schedule 'F'.</p> <p>The contractor shall immediately after receiving letter of award of work and before commencement of the work, intimate in writing to the Engineer-in-Charge, the name(s), qualifications, experience, age, address(s) and other particulars along with certificates, of the Project Manager, to be in charge of the work, Principal technical representative and other technical representative(s) who will be supervising the work. Minimum requirement of such Project Manager and technical representative(s) and their qualifications and experience shall not be lower than specified in Schedule 'F'. The Engineer-in-Charge shall within 3 days of receipt of such communication intimate in writing his approval or otherwise of such a representative(s) to the contractor. Any such approval may at any time be withdrawn and in case of such withdrawal, the contractor shall appoint another such representative(s) according to the provisions of this clause. Decision of the Employer shall be final and binding on the contractor in this respect. Such a Project Manager, Principal technical representative and other technical representative(s) shall be appointed by the contractor soon after receipt of the approval from Engineer-in-charge and shall be available at site before start of work.</p> <p>All the provisions applicable to the principal technical representative under the Clause will also be applicable to other technical representative(s). The principal technical representative and other technical representative(s) shall be present at the site of work for supervision at all times when any construction activity is in progress and also present himself/themselves, as required, to the Engineer-in-Charge and/or his designated representative to take instructions. Instructions given to the principal technical representative or other technical representative(s) shall be deemed to have the same force as if these have been given to the contractor. The principal technical representative and other technical representative(s) shall be actually available at site fully during all stages of execution of work, during recording/checking/test checking of measurements of works and whenever so required by the Engineer-in-Charge and shall also note down instructions conveyed by the Engineer-in-Charge or his</p>

		<p>designated representative(s) in the site order book and shall affix his/their signature in token of noting down the instructions and in token of acceptance of measurements/ checked measurements/ test checked measurements. Necessary site Registers viz. Material receipt/consumption register/Hindrance Register/Labour Register etc. shall be strictly maintained by him on daily basis and got duly authenticated from Engineer-in-charge. The representative(s) shall not look after any other work. Substitutes, duly approved by Engineer-in-Charge of the work in similar manner as aforesaid shall be provided in event of absence of any of the representative(s) by more than two consecutive days.</p> <p>If the Engineer-in-Charge, whose decision in this respect is final and binding on the contractor, is convinced that no such technical representative(s) is/are effectively appointed or is/are effectively attending or fulfilling the provision of this clause, a recovery (non-refundable) shall be effected from the contractor as specified in Schedule 'F' and the decision of the Engineer-In-Charge as recorded in the site order book and measurement recorded checked/test checked in Measurement Books shall be final and binding on the contractor. Further if the contractor fails to appoint suitable Project Manager, Principal technical representative and/or other technical representative(s) and if such appointed persons are not effectively present or are absent by more than two continuous days without duly approved substitute or do not discharge their responsibilities satisfactorily, the Engineer-in-Charge shall have full powers to suspend the execution of the work until such date as suitable other technical representative(s) is/are appointed and the contractor shall be held responsible for the delay so caused to the work. The contractor shall submit a certificate of employment of the technical representative(s) (in the form of copy of Form-16 or CPF deduction issued to the Technical staff and employees employed by him) along with every on account bill and final bill and shall produce evidence if at any time so required by the Engineer-in-Charge.</p>
	ii)	<p>The contractor shall provide and employ on the site only such technical assistants as are skilled and experienced in their respective fields and such foremen and supervisory staff as are competent to give proper supervision to the work.</p> <p>The contractor shall provide and employ skilled, semiskilled and unskilled labour as is necessary for proper and timely execution of the work.</p>
	iii)	<p>The Engineer-in-Charge shall be at liberty to object to and require the contractor to remove from the works any person who in his opinion misconducts himself, or is incompetent or negligent in the performance of his duties or whose employment is otherwise considered by the Engineer-in-Charge to be undesirable. Such person</p>

		shall not be employed again at works site without the written permission of the Engineer- in-Charge and the persons so removed shall be replaced as soon as possible by competent substitutes.
Levy/Taxes payable by Contractor	CLAUSE 35	
	i)	Sales Tax/GST, Building and other Construction Workers Welfare Cess or any other tax or Cess in respect of this contract shall be payable by the contractor and Employer shall not entertain any claim whatsoever in this respect.
	ii)	The contractor shall deposit royalty and obtain necessary permit for supply of the red bajri, sand, stone, kankar, etc. from local authorities.
	If pursuant to or under any law, notification or order any royalty, cess or the like becomes payable by the Employer and does not any time become payable by the contractor to the State Government/ Local authorities in respect of any material used by the contractor in the works, then in such a case, it shall be lawful to the Employer and it will have the right and be entitled to recover the amount paid in the circumstances as aforesaid from dues of the contractor.	
Conditions for reimbursement of levy/taxes if levied after receipt of tenders	CLAUSE 36	
	i)	All tendered rates shall be inclusive of all taxes and levies payable under respective statutes. However, if any further tax or levy or cess is imposed by Statute, after the last stipulated date for the receipt of tender including extensions, if any, and the contractor thereupon necessarily and properly pays such taxes/levies/cess, the contractor shall be reimbursed the amount so paid, provided such payments, if any, is not, in the opinion of the Employer (whose decision shall be final and binding on the contractor) attributable to delay in execution of work within the control of the contractor.
	ii)	The contractor shall keep necessary books of accounts and other documents for the purpose of this condition as may be necessary and shall allow inspection of the same by a duly authorized representative of the Employer and/or the Engineer-in-Charge and shall also furnish such other information/document as the Engineer-in-Charge may require from time to time.
	iii)	The contractor shall, within a period of 30 days of the imposition of any such further tax or levy or cess, give a written notice thereof to the Engineer-in-charge that the same is given pursuant to this condition, together with all necessary information relating thereto.
	CLAUSE 37	

Other Persons employed by Employer	The Employer reserves the right to use premises and any portions of the site for the execution of any work not included in this Contract which it may desire to have carried out by other persons and the Contractor shall allow all reasonable facilities for the execution of such work but shall not be required to provide any plant or material for the execution of such work except by special arrangement with the Employer. Such work shall be carried out in such manner as not to impede the progress of the works included in the Contract and the Contractor shall not be responsible for any damage or delay which may happen to or occasioned by such work.
If relative working with the Employer then the contractor not allowed to tender	<p>CLAUSE 38</p> <p>The contractor shall not be permitted to tender for works in the office of the Employer responsible for award and execution of contracts in which his near relative is posted as an officer (in any grade) or assistant (including Junior Engineer). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any Officer of the Employer. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of the Employer. If, however, the contractor is registered in any other organization, he shall be debarred from tendering by the Employer for any breach of this condition.</p> <p>NOTE: By the term “near relatives” is meant wife, husband, parents and grandparents, children and grandchildren, brothers and sisters, uncles, aunts and cousins and their corresponding in-laws.</p>
No Employee of the Employer to work as Contractor within one year of retirement	<p>CLAUSE 39</p> <p>No Technical or other officer or assistant (including Junior Engineer) employed with the Employer shall work as a contractor or employee of a contractor for a period of one year after his retirement from the service without the previous permission of Employer in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found at any time to be such a person who had not obtained the permission of the Employer as aforesaid, before submission of the tender or engagement in the contractor's service, as the case may be.</p>
Compensation during warlike situations	<p>CLAUSE 40</p> <p>The work (whether fully constructed or not) and all materials, machines, tools and plants, scaffolding, temporary buildings and other things connected therewith shall be at the risk of the contractor until the work has been delivered to the Engineer-in-Charge and a certificate from him to that effect obtained. In the event of the work or any materials properly brought to the site for incorporation in the work being damaged or destroyed in consequence of hostilities or warlike operation, the contractor shall when ordered (in writing) by the Engineer-in-Charge to remove any debris from the site, collect and properly</p>

	<p>stack or remove in store all serviceable materials salvaged from the damaged work and shall be paid at the contract rates in accordance with the provision of this agreement for the work of clearing the site of debris, stacking or removal of serviceable material and for reconstruction of all works ordered by the Engineer-in-Charge, such payments being in addition to compensation up to the value of the work originally executed before being damaged or destroyed and not paid for. In case of works damaged or destroyed but not already measured and paid for, the compensation shall be assessed by the Engineer-in-Charge. The contractor shall be paid for the damages/destruction suffered and for restoring the material at the rate based on analysis of rates tendered for in accordance with the provision of the contract. The certificate of the Engineer-in-Charge regarding the quality and quantity of materials and the purpose for which they were collected shall be final and binding on all parties to this contract.</p> <p>Provided always that no compensation shall be payable for any loss in consequence of hostilities or warlike operations (a) unless the contractor had taken all such precautions against air raid as are deemed necessary by the Engineer-in-Charge (b) for any material etc. not on the site of the work or for any tools, plant, machinery, scaffolding, temporary building and other things not intended for the work.</p> <p>In the event of the contractor having to carry out reconstruction as aforesaid, he shall be allowed such extension of time for its completion as is considered reasonable by the Engineer-in-Charge.</p>
Direction and approval of Engineer-in-charge	<p>CLAUSE 41</p> <p>All works to be executed under the contract shall be executed under the direction and subject to the approval in all respects of the Engineer-in-Charge who shall be entitled to direct at what point or points and in what manner they are to be commenced, and from time to time carried on.</p>
	<p>CLAUSE 42</p> <p>All sums payable by way of compensation under any of these conditions shall be considered as reasonable compensation to be applied to the use of Employer without reference to the actual loss or damage sustained and whether or not any damage shall have been sustained.</p>
Release of Security deposit after labour clearance	<p>CLAUSE 43</p> <p>Security Deposit of the work shall not be refunded till the contractor produces a clearance deposit after labour certificate from the Labour Officer. As soon as the work is virtually complete the contractor shall apply for the clearance certificate to the Labour Officer under intimation to the Engineer-in-Charge. The Engineer-in-Charge, on receipt of the said communication, shall write to the Labour Officer to intimate if any complaint is pending against the contractor in respect of the work. If no complaint is pending, on record till after 3 months after completion of the work and/or no communication is received</p>

	from the Labour Officer to this effect till six months after the date of completion, it will be deemed to have received the clearance certificate and the Security Deposit will be released, if otherwise due.
	CLAUSE 44
Non-Disclosure Clause	The contractor shall not disclose directly or indirectly any information, materials and of the Employer's infrastructure/ system/equipment etc. which may come to the possession or knowledge of the contractor during the course of discharging its contractual obligations in connection with the agreement, to any third party and shall at all times hold the same in strictest confidence. The contractor shall treat the details of the contract as private and confidential, except to the extent necessary to carry out the obligations under it or to comply with applicable laws. The contractor shall not publish, permit to be published, or disclose any particulars of the works in any trade or technical paper or elsewhere without the previous written consent of the Employer. The contractor shall indemnify the Employer for any loss suffered by the Employer as a result of disclosure of any confidential information. Failure to observe the above shall be treated as breach of contract on the part of the contractor and the Employer shall be entitled to claim damages and pursue legal remedies. The contractor shall take all appropriate actions with respect to its employees to ensure that the obligations of non-disclosure of confidential information under this agreement are fully satisfied. The contractor's obligations with respect to non-disclosure and confidentiality will survive the expiry or termination of this agreement for whatever reason.
Prevention of Sexual Harassment at Work place:	CLAUSE 45 a) The firm shall be solely responsible in case of any complaint of sexual harassment against its employee within the premises of the Bank. The complaint will be filed before the Regional Committee constituted by the Reserve Bank of India and Bank shall ensure appropriate action under the said Act in respect of the complaint. b) Any complaint of sexual harassment from any aggrieved employee of the firm against any employee of the Bank / DICGC shall be taken cognizance of by the Regional Complaint Committee constituted by the Bank. c) The firm shall be responsible for any monetary compensation that may need to be paid in case the incident involves the employees of the firm, for instance any monetary relief to Bank's employees, if sexual violence by the employee of the firm is proved. d) The firm shall be responsible for educating its employees about prevention of sexual harassment at work place and related issues. e) The firm shall provide a complete and updated list of its employees who are deployed within the Bank's premises.

I/We hereby declare that I/we have read and understood the above conditions.

**Place
Date**

Signature

Section V

SPECIAL CONDITIONS OF CONTRACT

General	CLAUSE SC 1	
	i)	Special conditions of Contract shall be read in conjunction with the General Conditions of Contract, specifications of work, drawings and any other documents forming part of this contract, wherever the context so requires.
	ii)	Notwithstanding the sub-divisions of the document into separate sections, schedules, annexures etc., every part of each shall be deemed to be supplementary to and complementary of every other part and shall be read with and into the contract so far as it may be practicable to do so.
	iii)	Where any portion of the Special Conditions of Contract is repugnant to or at variance with any provisions of the General Conditions of Contract then unless a different intention appears, the provision(s) of the Special Conditions shall be deemed to override the provision(s) of the General conditions of Contract only to the extent that such repugnance or variations cannot and shall be to the extent that such repugnance or variance cannot be reconciled with the General Conditions of Contract.
	iv)	Wherever it is stated anywhere in this tender document that such and such supply is to be effected or such and such work is to be carried out, it shall be understood that the same shall be effected / carried out by the Contractor at his own cost, unless a different intention is specifically stated.
	v)	The items given in Schedule of Quantities shall be read in conjunction with materials and job specifications and relevant drawings.
Responsibilities of contractor	CLAUSE SC 2	
	i)	The CONTRACTOR is bound to carry out all the items of works necessary for completion of the job even if the same is not exclusively mentioned in the document but can be reasonably inferred from the scope of work and other details/ conditions provided in the tender document. The contractor shall be entirely responsible for executing the work covered under this Tender document in a safe, efficient and expeditious manner as per the time schedule, specifications and the necessary supervisory personnel, skilled, semi-skilled and unskilled labour shall be

		provided by the CONTRACTOR to achieve the monthly/weekly targets and the overall time schedule.
	ii)	The CONTRACTOR shall ensure that local labour, unskilled as well as skilled, to the extent possible and available from local resources are preferably employed on the work.
	iii)	All expenses towards mobilization at site and demobilization including bringing in equipment, work force, materials, dismantling the equipment, clearing the site etc shall be deemed to be included in the prices quoted and no separate payments on account of such expenses shall be entertained.
	iv)	The procurement and supply in sequence and at the appropriate time of all materials and consumables shall be entirely the CONTRACTOR's responsibility and his/her rates for execution of work will be inclusive of supply of all these items.
	v)	Responsibility for obtaining all statutory approvals related to the work lies with the CONTRACTOR. The contractor shall obtain and pay for necessary inspection fee levied by the Government and/or any other authorities and obtain necessary permit as required and also conduct such tests as are called for by the regulation of the authorities without any extra cost to the Employer. The inspection fee will be reimbursed by the Bank on submission of the original receipt issued by the competent authority.
	vi)	The CONTRACTOR shall ensure that normal working of office is not affected due to his work.
	ix)	CONTRACTOR shall be responsible for implementing the requirements of Maharashtra State Pollution Control Board [NOT APPLICABLE].
	x)	The works to be undertaken by the Contractor shall inter-alia include the following:
	a)	Preparation of detailed SHOP drawings and AS BUILT drawings wherever applicable.
	b)	Obtaining of Statutory permissions, where ever applicable and required.
	c)	Pre-commissioning tests as per relevant standard specifications, code of practice, Acts and Rules wherever required.
	xi)	The Contractor shall ensure that proper and timely after sales support shall be provided in respect of all equipments/ systems

		supplied and installed under the contract through the authorized representatives of OEMs/ system integrators/ approved dealers.
Role of employer	CLAUSE SC 3	
	The Employer (Reserve Bank of India, Chennai) shall administer and directly arrange for supervision of works, to test and examine any materials to be used or workmanship employed in connection with the works, monitoring of progress, inspection, certification of bills, making payments and implementation of various terms, conditions and stipulations of the contract.	
Performance Bank Guarantee (PBG)	CLAUSE SC 4	
	<p>As security against due fulfillment of the terms and obligations of the Contract, Defect Liability Period (Warranty period) and Annual Maintenance Service Contract for the entire life cycle of the equipment, the successful tenderer shall furnish on award of the works, an amount equal to 10% (Ten percent) of the contract value for the work in the form of a Bank Guarantee (BG) from any scheduled Bank in the form prescribed by the Bank towards Security Deposit for the due fulfilment of the terms and obligations of the contract, DLP and the first year of CAMC contract. This BG should be valid for a period of the contract completion period up to the date of handing over of the newly installed lifts (till the last lift) and a further period of TWO (2) years i.e. (one year DLP plus One year CAMC). In case of any delay in submission of the PBG beyond 28 days, penalty will be deducted from the bills of the contractor at Bank rate.</p> <p>After Completion of two years (one year DLP and one year CAMC), the Bank Guarantee submitted above shall be further extended for an amount to be reduced by 1/20th of initial guarantee amount year after year for a further period of Eighteen (18) years thereafter for due fulfilment of the contract conditions. The Bank reserves the right to enforce the Bank Guarantee in case of unsatisfactory performance of the terms, conditions of the DLP and CAMC set out in the tender at any time during the currency of committed period of Twenty (20) years (One year DLP and 19 years CAMC).</p> <p>RBI has the right to invoke the PBG to compensate any fault/ penalty by the contractor.</p>	
Shop Drawings	CLAUSE SC 5	
	i)	Wherever General Arrangement drawings are required for approval before execution of work or the work has to be carried out as per manufacturer's specifications, GA drawing shall be got prepared by the Contractor as per the actual site measurements based on

		Architectural drawings and submitted to Engineer-in-charge for approval before execution of work.
Works to be carried out by licensed technicians under supervision of licensed Supervisors	CLAUSE SC 6	
	a)	All electrical works shall be carried out through a licensed Electrician under the supervision of licensed supervisor. The electrical connections carried out by the CONTRACTOR shall meet the statutory requirements. Changes, if any, as incorporated in the statutory rules and regulations from time to time shall be applicable to the electrical works done by the CONTRACTOR.
	b)	Wherever any statutory approval/ license/ NOC is required at any stage either before commissioning or after commissioning of the equipment/ system, the Contractor shall obtain the same by paying the requisite statutory fees/ deposit to the statutory authority directly and shall submit the original receipt to the employer for reimbursement. The Contractor shall be responsible for the liaison and follow-up with the statutory authority concerned for the purpose.
Documents to be maintained at site	CLAUSE SC 7	
	a)	The Registers/ Documents specified at Schedule 'D' shall be maintained at site by the Contractor at his own cost and updated regularly.
	b)	These documents shall be available for inspection by Employer's representative or Engineer-in-charge or his representative during his site visit at all reasonable times.
Inspection of materials/work at site	c)	After completion of work, the Contractor shall submit the duly completed registers/ documents along with all the relevant drawings to the Engineer-in-charge before submission of the Final bill.
	CLAUSE SC 8	
		The Employer's engineer shall inspect the materials at site after delivery before the same is used in the work.
		The Employer's engineer shall have free and full access at any time during execution of the contract to the contractor's works or site in case of the execution of work for the aforesaid purpose, and he may require the contractor to make arrangements for inspection of work or any part thereof or any material at his premises or at any other place specified by the Bank's Engineer and if the contractor has been permitted to employ the service of a sub-contractor, reserve to the Employer 's Engineer a similar right.

		The above will, however, not in any way absolve the contractor of his responsibility about proper performance of the system/ components after erection and commissioning at the designated place
		<p>The Employer 's Engineer shall have the power-</p> <p>a) Before any equipment or part thereof are submitted for inspection to certify that they or any portion thereof are not in accordance with the contract owing to adoption of any unsatisfactory method of manufacture;</p> <p>b) To reject any equipment or parts submitted as not being in accordance with the specification;</p> <p>c) To reject the whole of the equipment tendered for inspection, if after inspection of such portion thereof as he may in his discretion think fit, he is satisfied that the same is unsatisfactory; and</p> <p>d) To mark the rejected equipment or parts with a rejection mark so that it may easily be identified if re-submitted</p>
		<p><u>Consequence of rejection</u> : If on the equipment or a part thereof, being rejected by the Employer 's Engineer, the contractor fails to make satisfactory supplies or rectify the faulty work thus executed within the stipulated period of delivery/completion period, the Employer shall be at liberty to :</p> <p>i) Allow the contractor to re-submit the equipment or parts in replacement of those rejected, within a time to be specified, the contractor bearing the cost of freight if any, on such replacement without being entitled to any extra payments on that account; or</p> <p>ii) Purchase/execute or authorise the purchase/execution of quantity/work of the equipment or parts rejected or others of a similar description (when equipment or parts exactly complying with specifications are not, in the opinion of the Employer which shall be final, readily available) to the contractor at his risk and cost and without affecting the contractor's liability as regards supply under the contract; or</p> <p>iii) Cancel the contract and purchase/execute or authorise the purchase/execution of the equipment or others of a similar description (when equipment or parts exactly complying with specifications are not in the opinion of the Employer, which shall be final, readily available) at the risk and cost of the contractor. In the event of action being taken under such clause (ii) above or this clause, the provision of delivery clause apply as far as applicable</p>
		Employer 's Engineer's decision as to rejection final : - The Bank's Engineer's decision as regards the rejection shall be final and binding on the contractor subject to contractor's appeal.

Progress Monitoring by the Engineer-in-charge	CLAUSE SC 9		
	i)	<p>The contractor shall submit his programme for approval of Engineer-in-charge within 14 days from the date of award of work. Only Bar Chart with details of all major activities shall be submitted.</p> <p>This being an occupied premises, the work is to be planned and executed in phased manner. The delivery of equipment should also be planned in phased manner as the storage space at site is limited.</p>	
	ii)	<p>On the basis of the approved programme, the Engineer-in-charge shall monitor/ review the progress through site meetings on monthly interval or earlier, as and when required. The meeting should be attended by the contractor himself (in case of proprietorship firm) or authorized partner/ senior official in case of partnership firm/ limited company along with contractor's site in-charge.</p>	
	iii)	<p>For this purpose, the contractor shall prepare and submit a progress report indicating following:</p>	
		A	Progress for the previous month (duration under review) and the planning for the next month and materials received during the month (duration under review) and expected to be received during next month.
		B	The reasons for major deviations in planned schedule and the actual progress achieved along with any hindrances/ decisions required from the Employer/ Engineer-in-charge.
		C	Procurement schedule for long lead items and status of finalization of purchase order for such items/ materials
		D	List of Variations / extra items carried out during the previous month(period under review)
Scope of Work during Warranty Period and AMC	CLAUSE SC 10		
	<p>The project comprises of 3 lifts which will be completed in two phases (two lifts in first phase and other one lift in second phase) and handed over at different point of time. To avoid complications, the date of Defect Liability Period (DLP) will be the date of handing over of each lift to Bank.</p> <p>A single agreement shall be executed by the successful bidder for providing the equipment/system, providing services during Defect Liability Period and entering into CAMC for the period of 19 years after 1 year of Defect Liability Period. No consent for renewal shall</p>		

be sought from the firm, as the performance of CAMC during this period is a contractual obligation on the part of the firm. Also, the firm has to submit the renewed BG as per provisions of the contract well in advance (at least 1 month before) that is before expiry of existing BG. If the firm fails to submit the renewed BG before expiry of existing BG, the Bank may take appropriate action including but not limited to encashment of existing BG.

The entire equipment shall be guaranteed to be free from defective workmanship or materials for 12 months from the date of handover of the last lift (Defect Liability Period – DLP) and any defects that may appear within 12 months from the date of issue of completion certificate for the work/ hand over of the lift, which in the opinion of the Bank have arisen from bad workmanship or materials, shall upon intimation by the Bank, be made good by the Contractor at his own cost within the time specified. During the said period of 12 months (DLP), the contractor shall make periodical inspection of the working of the lifts free of charge at least once a month or earlier, if required, and attend to the lubrication of the various parts and such other service that may be required for the same.

Immediately after successful completion of DLP, the contractor shall enter in to Comprehensive Annual Maintenance Contract (CAMC) with the Bank at the quoted/ approved rates for CAMC.

Scope of works during CAMC

(A) The scope of work shall include the following:

(i) Routine servicing/ troubleshooting/ setting/ adjustments/ cleaning/ lubrication/ checking of safeties etc. to ensure smooth and trouble free working of the lifts.

(ii) Repairs/ replacement to the lifts including re-loading software etc. in the event of any breakdown including replacement of spares/ components/ sub-system/ cards/ motors/ ropes and any other component, part or whole, which may need replacement/ repairs.

(iii) Procurement, including Import, wherever required, of spares and stocking them shall be responsibility of the tenderer. **Non availability of spares/ components will not be accepted as a reason for waiving of penalty towards delay in rendering prompt service.**

(iv) All manufacturers preventive maintenance schedules/ replacement periodicity of components like ropes, electrical/electronics parts including checking of safety devices, protections like rope slip, load testing etc. shall be strictly followed

	<p>as per the manufacturer's periodicity or as required in addition to the scope of maintenance indicated above.</p> <p>(v) The scope of maintenance in addition to periodic maintenance will also include attending to any number of breakdown calls.</p> <p>(vi) <u>In case of breakdown due to water entry in pit due to rain or water entry from upper floor landings during fire drills, pit switch and other equipment if become defective, same shall be replaced at extra without any charge and to be covered under CAMC.As such it is responsibility of firm to make suitable IP rating of the boxes to prevent ingress of water and breakdown.</u></p> <p>(B) Penalty for delay in service during warranty and AMC period:</p> <p>During the currency of the Annual Maintenance Service Contract, all care shall be taken so that the downtime of any lift is kept minimum and the lift shall be attended within 3 hours of receiving the complaint. In case, the lift remains under breakdown for more than a day, then a penalty equivalent to 2 times the daily rate of service contract (annual rate of CAMC of the said lift/ 365) shall be recovered from the payment due to the contractor.</p> <p>They shall also ensure that the required spares etc. for proper maintenance are readily available with them for the complete life span of the lift.</p> <p>The payment towards AMC charges will be made every quarter after satisfactory completion of the service and submitting a bill for the quarter along with the Service report of the respective period duly signed by the caretaker.</p>	
Renewal of CAMC	CLAUSE SC 11	
	<p>Immediately after successful completion of DLP, the contractor shall enter in to Comprehensive Annual Maintenance Contract (CAMC) with the Bank at the quoted/ approved rates for CAMC. One time agreement for CAMC for 19 years will be entered into in Bank approved format. Rates will be revised for further 18 years as given below:</p> <p>The CAMC rate shall be revised after first year of CAMC and the contract shall be renewed based on the revised AMC amount calculated as per the following formula:</p>	
	$A_C = A_P [(50 \times (EPI_C/EPI_P) + 50 \times (CPI_C/CPI_P))] / 100$	
	A_C	The contract amount for the current year

	AP	The contract amount for the previous year
	EPI _C	Wholesale Price Index for Lifting and Handling Equipment 6 months prior to the commencement date of contract for the current year
	EPI _P	Wholesale Price Index for Lifting and Handling Equipment 6 months prior to the commencement date of contract for the previous year
	CPI _C	Consumer Price Index for Industrial Workers (All India Average) 6 months prior to the commencement date of contract for the current year
	CPI _P	Consumer Price Index for Industrial Workers (All India Average) 6 months prior to the commencement date of contract for the previous year
Measurement, Billing and Terms of payment	CLAUSE SC 12	
	i)	The work shall be measured from time to time as provided in the General Conditions of Contract and Special conditions of contract. As and when the Contractor feels that the gross value of work done after adjustment of the value of work already received in any previous bill and adjustment of advances, if any, has crossed the threshold value specified in the Schedule 'F' for Running Account Bill, he may raise a bill and submit to the Engineer-in-charge for payment. The bill shall invariably be accompanied with following documents:
	a)	The progress reports of the concerned period, indicating that the approved milestone has been reached.
	b)	Manufacturer's Test certificates/ Inspection reports of any component/ assemblies, as applicable, considered for the first time in the Contractor's bill
	c)	Checklist indicating validity of the labour license(if any), all the Insurance Policies, PBGs etc.
	d)	Delivery challans of the materials.
	e)	An undertaking on the contractor's letterhead that all the materials required for the commissioning of respective lift/(s) have been received at site in good condition and during execution of work, if any other material is required or any shortfall is observed, the same shall be supplied by Contractor at no extra cost to the Employer

	ii)	The Engineer-in-charge reserves the right to refuse to accept the Running Account bill, if any of the document as above is not submitted along with the bill.
	iii)	Once the bill is received along with all the required documents, the Engineer-in-charge shall arrange to process the bill and the payments due to the Contractor shall be released through NEFT within the specified period for honouring the certificates.
	iv)	After completion of work and completing all the contractual responsibility, the measurement sheets shall be signed jointly by the Contractor or his authorized representative and Engineer-in-charge or his authorized representatives. The Contractor shall then submit the Final bill to the Engineer-in-charge. The Final Bill shall necessarily be submitted along with the following documents:
	a)	The signed measurements
	b)	The copy of last progress report, evidencing the completion of work.
	c)	Manufacturer's Test certificates/ Inspection reports of any component/ assemblies, as applicable, considered for the first time in the Contractor's bill
	d)	Final Testing/ Commissioning report for the Project
	e)	All the lift licenses in original [on line copy] and other required certificates from statutory authorities, if any
	f)	Checklist indicating validity of the labour license(if any), all the Insurance Policies, PBGs
	g)	Delivery challans for the materials
	h)	All the required documents of Guarantees/ warranties
	i)	"No claim" certificate by the Contractor except as included in the Final bill.
	v)	The Engineer-in-charge reserves the right to refuse to accept the Final bill, if any of the document, as above, is not submitted along with the bill.
	vi)	Once the Final bill is received along with all the required documents, the Engineer-in-charge shall arrange to process the bill and the payments due to the Contractor shall be released through NEFT within the specified period for honoring the certificates. No revised Final Bill shall be considered by the Employer.

	vii)	All statutory deductions shall be made from the payments due to the Contractor.
	viii)	<p>The following terms of payment shall be applicable to this contract subject to statutory deductions:</p> <p>a. First Stage Payment: 60% of the quoted rates pro rata against Delivery of material at site and on submission of following:</p> <p>Submission of the test certificates of the various equipment as listed in the tender.</p> <p>Submission of Contractor's Certificate that all components, parts, sub systems, consumables etc. for successful installation, commissioning and testing of the systems have been received at site in good condition and if any shortfall is noticed during installation, commissioning and testing they will be supplied without any additional charge to the Bank.</p> <p>All the Insurance Policies as per tender.</p> <p>Performance Bank Guarantee(PBG) towards Security Deposit (<u>Annex 6</u>)</p> <p>b. Second Stage Payment: 25% of the quoted rate pro rata against erection, testing and successful commissioning of each lift.</p> <p>c. Final Stage Payment: Balance 15% payment shall be released after submission of Lift licenses if any and the Bank guarantee for DLP and CAMC.</p> <p><u>Subject to a minimum Bil value of Rs 10 Lakh for RA Bills</u></p>

I/We hereby declare that I/we have read and understood the above conditions.

Place

Signature of Bidder

Date

Section VI

SPECIAL INSTRUCTIONS TO BIDDERS

1	General	
i)	Special Instructions to bidders shall be read in conjunction with the General Rules and instructions to Bidders, General Conditions of Contract, Special Conditions of Contract, Specifications of work and any other documents forming part of this contract, wherever the context so requires.	
ii)	Notwithstanding the sub-divisions of the document into separate sections, schedules, annexures etc., every part of each shall be deemed to be supplementary to and complementary of every other part and shall be read with and into the contract so far as it may be practicable to do so.	
iii)	Where any portion of the Special Instructions to bidders is repugnant to or at variance with any provisions of the General Rules and Instructions to bidders then unless a different intention appears, the provision(s) of the Special Instructions to bidders shall be deemed to override the provision(s) of the General Rules and Instructions to bidders only to the extent that such repugnance or variance cannot be reconciled with the General Rules and Instructions to bidders.	
iv)	As the work is to be executed in an occupied building, the program for carrying out the work should be framed to cause minimal disturbance to the normal functioning. The work may also be planned on all Saturdays, Sundays and holidays including extended working hours during week days.	
v)	The successful tenderer must co-operate with the other contractors appointed by the Bank so that the work shall proceed smoothly with the least possible delay. He should make his own arrangement for storage and protection of all materials supplied by him.	
vi)	All debris generated during execution should be removed on the same day including taking adequate precautions to prevent dust / debris falling on Bank's/ Residents properties etc.	
vii)	The work has to be planned in phased manner. The successful bidder will be given two lifts at a time out of total 3 lifts in the first phase for dismantling and SITC of the new lifts. Work plan is to be made in such a way that SITC of the lifts can be taken up and the entire work can be completed as specified.	
2	Visit to Site before preparing Tender	
i)	Tenderers are advised to visit the site of installations and acquaint themselves of the site conditions before tendering. A confirmation in this respect needs to be furnished in the enclosed annexure along with Part I of the tender.	
ii)	Tenderers should be specific and offer comments only if their system differs from the Bank's detailed specifications/ features in any manner.	

	iii)	Brief specifications and design data mentioned in the tender is not to be accepted as final by any means. The bidders should check and verify the data at site in their own interest. Bidders may explain in detail any design issues along with the tender.												
3	Retention Money/ Security Deposit													
	i)	No money shall be deducted from the bills of contractor as Retention Money. Only the Performance Bank Guarantee (PBG) shall be held as Security Deposit for the due fulfillment of the contract conditions.												
	ii)	The EMD submitted by the successful bidder shall be returned after receipt of the PBG of the specified amount and duration.												
4	Evaluation of Tender													
	<p>The tenders will be evaluated not only on the basis of capital cost quoted for the lifts less buyback value of the old lifts but also taking into account the effect of rates quoted for comprehensive all inclusive Annual Maintenance Contract (CAMC) for a period of 19 years after expiry of one year warranty period (Defect Liability Period), by using Net Present Value (NPV) method. For arriving at the NPV of CAMC amount, the following will be considered:</p> <table border="1"> <tr> <td>(a)</td><td>Discount factor</td><td>8 % per annum</td></tr> <tr> <td>(b)</td><td>Annual Escalation in CAMC</td><td>5 % per annum</td></tr> <tr> <td>(c)</td><td>Period of CAMC</td><td>19 years</td></tr> <tr> <td>(d)</td><td>Payment terms of AMC</td><td>Quarterly payment after satisfactory completion of the service</td></tr> </table>		(a)	Discount factor	8 % per annum	(b)	Annual Escalation in CAMC	5 % per annum	(c)	Period of CAMC	19 years	(d)	Payment terms of AMC	Quarterly payment after satisfactory completion of the service
(a)	Discount factor	8 % per annum												
(b)	Annual Escalation in CAMC	5 % per annum												
(c)	Period of CAMC	19 years												
(d)	Payment terms of AMC	Quarterly payment after satisfactory completion of the service												
	<p>Total Cost of Ownership = $A + (-B) + F \times C$</p> <p>Where, A=Capital Cost of all the three new lifts</p> <p>B= Buy Back Value of all the three old lifts</p> <p>C= Comprehensive AMC Value of all new lifts</p> <p>F=13.17 (Multiplying Factor)</p> <p>Minimum Base Rate for Comprehensive CAMC:</p> <p>In case, the tenderer quotes the rates for comprehensive AMC lower than 5% (Five) of the quoted capital Cost (Excluding Buyback), then 5% (Five) of the quoted capital cost (Excluding Buyback) shall be considered for Calculation of Total Cost of Ownership.</p>													

	<p>Note: Notwithstanding the above, the Bank shall pay only the quoted rate of the AMC during the currency of the committed contract period of 19 years subject only to escalation formulae indicated in the tender.</p> <p>To decide final lowest bidder, revised manual calculation using above formula after e tendering shall also be done to verify actual Lowest bidder.</p>			
5	Completion Period and time schedule			
	The completion period for the project shall be as specified under schedule 'E'. A macro level time schedule shall also be prepared and submitted by the bidder along with the tender as per following table:			
	(a)	Submission of layout drawing		
	i)			Weeks after 10 th day of the date of issue of work order
	(b)	Approval of layout drawings by Bank	1	Weeks from above (Bank Engineer)
	(c)	Delivery of materials at site		
	i)	For 2 nos. 16 Passenger lifts		Weeks from above
	ii)	For 3 rd 16 Passenger lift		Weeks from above
	(d)	Installation, testing & commissioning and handing over with operating license		
	i)	Two nos. 16 Passenger lifts		Weeks from c(i)
	ii)	Third 16 Passenger lift		Weeks from d(i)
		TOTAL Completion Period in weeks	32	(total from (a) to (d))
	(Note) – The number of weeks required for items a, c and d above to be filled in by the Tenderer. The total completion period should be as specified in the tender.			
	The contractor shall submit a Bar Chart for completion of the work (both sites) within the contractual completion period from the tenth day of issue of work order. Such chart shall include all activities like the date of supply of material at site, item wise completion of work etc., and obtain the approval of the Bank			
	Bank will provide open storage space within the compound of the building. However, the responsibility and safety of the materials stored will be with the contractor. No accommodation will be provided for any worker by the Bank.			
6	Compliance with the Rule 144(xi) of GFR 2017 inserted vide Office Memorandum (OM) F. No. 6/18/2019-PPD dated July 23, 2020 issued by Public Procurement Division, Department of Expenditure, Ministry of Finance, Government of India, the Public			

Procurement Orders issued in furtherance thereto, and their subsequent revisions shall be mandatory. In this regard, Bidder shall submit a copy of Undertaking / Declaration / Certificate on their letter head duly sealed and signed by the authorized signatory in the format given at Annexure 13.

If the Undertaking / Declaration / Certificate submitted by the bidder is found to be false, his/her/its tender / work order will be immediately terminated, and legal action in accordance with law including forfeiting of Earnest Money Deposit / Performance Bank Guarantee / Security Deposit may be initiated and the Bank may also debar the bidder from participating in the tenders invited by the Bank in future.

I/We hereby declare that I/we have read and understood the above instructions.

Place :

Signature of Bidder

Date :

Section VII

Section (VIII) – Technical Specifications

1. General; These specifications are intended to cover the complete installation of the lift with all materials in accordance with the drawings and specifications. As individual lift companies are updating their specifications continuously, they should check and highlight their variations in the pre –Bid meeting.

1.1 Applicable codes

Compliance with Regulatory Agencies: Comply with most stringent applicable provisions of following Codes, laws, and/or Authorities, including most recent amendments in effect.

Codes for Lifts IS-14665 Parts 1, 2, 3, 4 and 5 including all relevant parts, codes of practice and national variations as appropriate.

Comply to the requirements of all other Codes, Ordinances and Laws applicable within the governing jurisdiction and latest Indian Standards, as applicable. Earthing shall be as per IS 3043. The Electrical wiring shall strictly comply to IS:732 and the entire installation shall be in accordance with the Indian Electricity Act 2003 and Indian Electricity Rules 1956 or latest amendments thereof. The Contractor shall arrange to obtain the sanction of the lift authorities for commissioning of the lift and hand-over for operation.

1.2 Staging area

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

2. General Submittals

Along with the shop drawings, required material samples shall also be submitted for approval.

- a) Scaled or Fully Dimensioned Layout: Plan of pit, lift well and machine room indicating equipment arrangement and elevation section of lift well. Provide detail drawings of all new equipment provided as part of this specification including car enclosures, landing entrances, and car/landing signal fixtures.
- b) Design Information: Indicate equipment lists, reactions, and design information on layouts.
- c) Power Confirmation Information designed for existing conditions.
- d) Fixtures: Cuts, samples, or shop drawings.

- e) **Finish Material:** Submit samples of actual finished material for review of colour, pattern, and texture. Compliance with other requirements is the exclusive responsibility of the Contractor. Include, if requested, signal fixtures, lights, graphics, Braille plates, and details of mounting provisions.

The submittal review shall not be construed as approval that the submittal is correct or suitable, or that the work represented by the submittal complies with the Specification. Complete compliance with the Specifications, code requirements, dimensions, fit, and interface with other work is the Contractor's responsibility.

Acknowledge and/or respond to review comments within 5 calendar days of return. Promptly incorporate required changes due to inaccurate data or incomplete definition so that delivery and installation schedules are not affected. Identify and carry-out drawing revisions, including the Contractor elective revisions on each re-submittal. Contractor's revision response time is not justification for delay in equipment delivery or installation.

3. Painting

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

4. Site condition inspection

4.01 Prior to beginning installation of equipment, examine lift well and machine room areas. Verify that no irregularities exist which may affect execution of the works specified.

4.02 Do not proceed with the installation until work in place conforms to the project requirements.

5. Product delivery, Storage and handling

5.01 Deliver material in Contractor's original, unopened protective packaging.

5.02 Store material in original protective packaging. Prevent soiling, physical damage, or moisture damage.

5.03 Protect equipment and exposed finishes from damage and stains during transportation, erection, and construction.

5.04 Allocate available site storage areas and coordinate their use with Client and other Trades.

5.05 Provide suitable temporary weather-tight storage facilities as may be required for materials that will be stored in the open. No material shall be stored on landings.

6. Installation Requirements

6.01 Install all equipment in accordance with Contractor's instructions, referenced codes, specifications and approved submittals.

6.02 Install machine room equipment with clearances in accordance with referenced codes and specification.

6.03 Install all equipment so it may be easily removed for maintenance and repair.

6.04 Install all equipment for ease of maintenance.

6.05 Install all equipment to afford maximum accessibility, safety, and continuity of operation.

6.06 Remove oil, grease, scale, and other foreign matter from the following equipment and apply one coat of field-applied machinery enamel.

a) All exposed equipment and metal work installed as part of this work, which does not have architectural finish.

b) Machine room equipment, lift well equipment including guide rails, guide rail brackets, and pit equipment.

c) Neatly touch up damaged factory-painted surfaces with original paint color. Protect machine-finish surfaces against corrosion.

d) Adjacent work areas that adjoin with new equipment installed as part of this specification.

7. Manufacturer's Nameplates

7.01 Manufacturer's nameplates and other identifying markings shall not be affixed on surfaces exposed to public view. This requirement does not apply to code required labels.

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

8. Colours of factory-finished equipment

8.01 All colours will be selected from the manufacturer's standard range unless custom colours are specified herein.

8.02 Submit samples of all standard colours available and/or specified custom colours for review and approval. See Section 2, Submittals

8.03 Submit samples of all specified architectural metals specified for review and approval.

9. Materials and finishes

9.01 Steel:

- ☐ Sheet Steel (Furniture Steel for Exposed Work): Stretcher-leveled, cold-rolled, commercial quality carbon steel.
- ☐ Sheet Steel (for Unexposed Work): Hot-rolled, commercial quality carbon steel, pickled and oiled.
- ☐ Structural Steel Shapes and Plates.

9.02 Stainless Steel: Type 304, with standard tempers and hardness required for fabrication, strength and durability. Apply mechanical finish on fabricated work in the locations shown or specified with texture and reflectivity required to match Architect's sample. Protect with adhesive paper covering.

- ☐ Satin: Directional polish finishes. Graining directions as shown or, if not shown, in longest dimension.
- ☐ Textured Linen Pattern as manufactured by Rigidized Metals or approved with bright directional polish (satin finish).
- ☐ Mirror: Laminated Mirror with Reflective polish finish with no visible graining as per IS standard 15330:2003.
- ☐ Hand Rail: At least one side wall of the car, a hand rail shall be provided as per IS standard 15330:2003.

9.03 Aluminum: Extrusions plus sheet and plate as per code.

9.04 Paint: Clean exposed metal parts and assemblies of oil, grease, scale, and other foreign matter and factory paint one shop coat of standard rust-resistant primer. After erection, provide one finish coat of industrial enamel paint. Galvanized metal need not be painted.

9.05 Prime Finish: Clean all metal surfaces receiving baked enamel paint finish of oil, grease, and scale. Apply one coat of rust-resistant primer followed by a filler coat over uneven surfaces. Sand smooth and apply final coat of primer.

9.06 Powder Coat Finish: Prime finish as per above. Unless specified, "prime finish" only, apply and bake three (3) additional coats of enamel in the selected solid colour.

9.07 Entrance Field Paint: Clean all surfaces of dirt and grease. Sand and finish surfaces as necessary to remove pits and scratches and prepare surface for

painting. Apply filler to ensure smooth surface, sand and apply two coats of sprayed on cellulose paint finish in the selected solid colour.

9.08 Refinishing of natural metals: Remove existing protective finish. Buff as necessary to remove scratches. Re-grain or finish as specified and protect as indicated for particular metal type.

10. Maintenance

10.01 Use competent personnel, acceptable to the Client, employed and supervised by the Contractor.

10.02 Warranty maintenance :

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

11. Products

11.01 16 Passengers Lift(s) **Data Sheet**/ details are as under:

A. Reserve Bank of India Main Office Premises – 3 lifts

	Existing Equipment	Proposed Equipment
NUMBER:	Total 3 Nos	Total 3 Nos
TYPE OF LIFT	Verify by site visits	AC Gearless with machine room
CAPACITY	16 Passengers	16 Passengers
CONTRACT SPEED:	Verify by site visits	1 MPS Minimum
MACHINE:	Verify by site visits	AC Gearless Permanent magnet synchronous motor (PMSM) controlled by variable voltage variable frequency based drive with Digital Closed-Loop Feedback. Provide New Machines Beams as per requirement and new Support beam of MS for Rope break test. In case of raised machine platform, MS step ladder for easy access.
MACHINE LOCATION:	At Top- Inside Machine Room	At Top- Inside Machine Room
OPERATIONAL CONTROL:	Verify by site visits	Microcomputer (Microprocessor) based Selective collective control fully programmable, with/without attendant capable of at least meeting the minimum performance as mentioned in the specifications. The Grouping shall be as follows 1) Two lifts to be operated in

		<p>Duplex</p> <p>2) One lift as Simplex</p> <p>The controller shall have provision for enabling the lifts to be operated under triplex grouping upon requirement by the Bank without any additional cost.</p>
MOTOR CONTROL:	Verify by site visits	<p>Provide New AC Variable Voltage Variable Frequency Microprocessor Based control with Digital Closed-Loop Feedback.</p> <p>THD should be maintained within limits as per standards.</p>
LEVELLING		Precise levelling accuracy (+/- 4mm in any load condition) with Close Loop Control, Velocity Transducers etc.
POWER CHARACTERISTICS:	Field Verify	415V 3 Phase 50 HZ
STOPS AND OPENINGS CAR (0-4)	FRONT	FRONT
FLOOR SERVED	G+ 4	G+ 4
TRAVEL:	15.90 mtr (approx.) Verify at site.	As per Site Condition/Field Verify based on OEM's design (Travel shall be measured actual as per site and shall be confirmed).
HOIST WAY	2300 X 1950 mm (Approx) Verify at site.	As per Site Condition/Field Verify. (Hoist way shall be measured actual as per site and shall be confirmed)
PIT	2000mm (Approx) Verify at site.	As per Site Condition/Field Verify based on OEM's design
OVERHEAD	5000mm (Approx) Verify at site.	As per Site Condition/Field Verify.
CAR SIZE (W X D X H)	1900 x 1370 x 2300 mm (Approx) Verify at site.	As per site condition, confirm the maximum Car Size that can be provided in the shaft Sizes available, which shall be in line with relevant standards.

ENTRANCE SIZE:	1000x 2000 mm (Approx.) Verify at site.	As per Site Condition/Field Verify based on OEM's design. But not less than 1000mmx2000mm.
ENTRANCE TYPE:	Centre Opening Sliding Door	VVVF controlled centre opening with min 2 hrs fire rating.
CAR DOORS AND LANDING DOORS	Centre opening	SS 304 Car and Landing Doors centre opening with 2 hrs fire rating. Door Jamb of required dimensions shall be provided.
DOOR OPERATION:	Automatic	Provide New AC VVVF Door Operator
DOOR PROTECTION:	--	Provide New Infrared Full screen device
SAFETY GEAR:	GOVERNOR ACTUATED	Provide New OSG actuated progressive safety gear system for Car
GUIDE RAILS:	PLANED STEEL TEES	Provide New Car and Counterweight Guide Rails as per IS Standard.
BUFFERS:	SPRING	Provide New Spring/Oil Buffers For Car And Counterweight as per IS Standard.
CAR ENCLOSURE:		<p>Provide New SS 304 hairline wall panels with SS mirror finished ceiling of modern design with adequate ventilation and lighting arrangements. Flooring with approved shade of minimum 15 mm thick Engineering Granite/Marble tiles as approved by the Bank.</p> <p>Lux level shall be minimum 150 lux to be provided for the car cabin.</p> <p>Minimum 2 Nos of cross flow rectangular air blower, low noise / mild air flow maintaining air flow rate as per relevant Standard.</p>

SIGNAL FIXTURES:		Contractor's Standard Upgraded Fixtures
	(a) On all landings and ground floor lobby	<p>1) Digital Car position indicator with direction car position for each lift.</p> <p>2) Common Up / Down luminous call buttons (only up buttons on the ground floor and down button on highest floor) with Braille marking or floor selector key pad on each floor with Braille marking.</p> <p>3) Hall lantern: Illuminated arrows to indicate the next travel direction of arriving / available car to be provided. Electronic chime that sounds when the car arrives at a landing to serve a landing call to be provided.</p> <p>4) Digital Car position and Direction indicators at all Landings above the Entrance, with LCD display in Ground floor and in all other floors.</p> <p>5) Provision for displaying "Out of Service/ Maintenance" in the LCD display in Ground floor and all other floors with single switch control provided at the ground floor lobby.</p>
	(b) In car	<ul style="list-style-type: none"> <input type="checkbox"/> Auto/manual selector key switch <input type="checkbox"/> Blower/ Fan switch <input type="checkbox"/> Luminous floor selector button <input type="checkbox"/> Floor Position Voice announcement <input type="checkbox"/> Overload warning device with annunciation (lift should not take a start under overload condition) <input type="checkbox"/> Emergency alarm button <input type="checkbox"/> Provision of integrating existing EPABX system along with

		<p>provision of additional Wiring for EPBAX, piped music with speakers and telephone instrument</p> <ul style="list-style-type: none"> <input type="checkbox"/> Lighting, emergency alarm and fan are to be provided with emergency supply through inverter of required capacity having at least an hour battery backup. <input type="checkbox"/> Combined luminous digital position and direction indicator <input type="checkbox"/> SS Handrail Round on one side wall of the car <input type="checkbox"/> Door Open/Close Buttons <input type="checkbox"/> Braille marking on all buttons <input type="checkbox"/> Laminated Mirror with Reflective polish finish with no visible graining as per IS standard 15330:2003. <input type="checkbox"/> Appropriate positioning of car operating panel inside lift car and on all landings should be made for differently abled persons as per relevant Standards.
COMMUNICATION SYSTEM:		<p>Self-Dialing (Press & Speak type) Two-Way Communication System actuated from Car to the designated (pre-programmed as directed by the Bank) locations or as per manufacturer standard.</p> <p>Provide an EPABX Telephone instrument in car with dialling facility;</p> <p>Wiring and necessary equipment required for the above facility has to be carried out by the lift contractor.</p>

ADDITIONAL FEATURES —		—
CAR		Car And Counterweight Roller/sliding Guides shoes, Provide New
		Car Top Inspection Station, Provide New
		1. Braille markings on all buttons inside car 2. Voice announcement system with all necessary equipment
		Lift Well Access Switches Top And Bottom Floors
		Lift Well Door Unlocking Device
		Under Platform Load-Weighing Device, Provide New
		<u>Fireman switch:</u> All lifts irrespective of grouping to be operated exclusively as fire rescue lift. Provision for Fireman drive to be made to bring the car to the ground floor immediately after the fireman switch is operated ignoring all landing calls. Emergency alarm hooters on ground floor.
		In case of mains power failure, the Lift's own rechargeable and maintenance free battery power shall move the car to the nearest floor and

		<p>the door shall open automatically for automatic rescue of passengers. The ARD shall also function in case of any abnormality in power viz. single phasing, under voltage, overvoltage etc. leading the lift unable to work on normal power supply.</p> <p>Phase failure relay shall be provided to protect the machine against failure of any one phase and shall be integrated to operate with ARD.</p>
		Auto Fan/light Off in the car
<p>Note The successful bidder will submit a drawing showing the design of the car interior panels and false ceiling along with samples of mirror finish, mat, hair line, etched, clad stainless steel patterns proposed in the drawing. All the samples of the proposed fixtures such as push buttons, position indicators, hand rail, fan/blower, light fittings, flooring pattern etc. shall be shown to and got approved from the Bank's officials before using in the work.</p>		

B.

11.02 Car performance:

- ☐ Car Capacity: Safely lower, stop and hold 125% of rated load.
- ☐ Car Stopping Zone: $\pm 4\text{mm}$ under any loading condition.
- ☐ Door Opening Time and Door Closing Time: Adjustable;

11.03 Operation:

a) Selective Collective Microprocessor Based: Operate car without attendant from pushbuttons in car and located at each floor. When car is available, automatically start

car and dispatch it to floor corresponding to registered car or hall call. Once car starts, respond to registered calls in direction of travel and in the order the floors are reached.

Do not reverse car direction until all car calls have been answered, or until all hall calls ahead of car and corresponding to the direction of car travel have been answered.

Slow car and stop automatically at floors corresponding to registered calls, in the order in which they are approached in either direction of travel. As slowdown is initiated for a hall call, automatically cancel hall call. Cancel car calls in the same manner. Hold car at arrival floor for an adjustable time interval to allow 16 Passengers transfer.

Answer calls corresponding to direction in which car is travelling unless call in the opposite direction is highest (or lowest) call registered.

Illuminate appropriate pushbutton to indicate call registration. Extinguish light when call is answered.

b) Control for Car(s):

The Grouping shall be as follows

- 1) Two lifts to be operated in Duplex
- 2) One lift as Simplex

The controller shall have provision for enabling the lifts to be operated under triplex grouping upon requirement by the Bank without any additional cost.

- i. Load Weighing: Provide means for weighing car 16 Passengers load. Provide hall call by-pass when the car is filled to preset percentage of rated capacity and travelling in down direction. In case of overloading of the car, an audio alarm should sound and the car doors should not close and car should not take start.
- ii. Independent Service: Provide controls for operation of the car from its pushbuttons only. Close doors by constant pressure on desired destination floor button or door close button and open doors automatically upon arrival at selected floor.

c) Firefighters' Service: Provide equipment and operation in accordance with Code requirements.

d) Automatic Car Stopping Zone: Stop car within 4mm above or below the landing sill. Maintain stopping zone regardless of load in car, direction of travel, distance between landings, hoist rope slippage or stretch.

e) Door Operation: Automatically open doors when car arrives at selected floor. At expiration of normal dwell time, close doors.

f) Standby Lighting and Alarm: Solid-state charger to operate alarm bell and car emergency lighting with battery of required rating. Battery shall be rechargeable. Include required transformers, etc.

11.04 MACHINE ROOM EQUIPMENT

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

Traction Hoist Machine:

Provide new P.M.S.M. AC VVVF gearless traction type motor with brake, drive sheave, and deflector sheave mounted in proper alignment on a common, isolated bedplate. Provide bedplate blocking to elevate secondary or deflector sheave above machine room floor if required.

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

Hoist machine installations, which require block outs through machine room floor for other than hoist ropes shall be provided with a 14 gauge galvanized sheet metal enclosure over entire block out on underside of floor slab.

Solid State Power Conversion and Regulation Unit:

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

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.

Isolate unit to minimize noise and vibration transmission

Encoder: Direct drive, solid-state, digital type. Update car position at each floor and automatically restore after power loss.

Controller:

Compartment: Securely mount all assemblies, power supplies, chassis switches, relays, etc., on a substantial, self-supporting steel frame. Completely enclose equipment with covers. Provide means to prevent overheating. The components should conform to manufacturers standard specifications.

Wiring: Labeled copper wire for factory wiring. Neatly route all wiring interconnections and securely attach wiring connections to studs or terminals.

Permanently mark components (relays, fuses, PC boards, etc.) with symbols shown on wiring diagrams.

Provide controller or machine mounted auxiliary, lockable “open,” disconnect if mainline disconnect is not in sight of controller and/or machine.

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 dead-end hitch assemblies.

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

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

Governor: Provide new over speed governor. Tripping of the safety gear shall be adjusted to 120 percent of the rated speed.

Emergency Brake:

Provide means to prevent ascending car over-speed and unintended car movement as per Code. Mount the auxiliary brake on suitable structural steel supports. Provide control circuits to enable the device to function as required by Code.

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

Sound Isolation:

Noise level relating to lift equipment operation in machine room shall not exceed 75 dBA. All dBA readings shall be taken one metre off the floor and one metre from equipment using the "A" weighted scale.

11.05 LIFT WELL EQUIPMENT

Guide Rails: Provide new, 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.

Buffers, Car and Counterweight: Provide new Oil/spring type with blocking and support channels. **Demolishing of existing buffer block if required and construction of new buffer block, if required shall be done by the contractor.**

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

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

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

Hoist and Governor Ropes: Provide New

Traction steel wire belt type to suit machine manufacturer's requirements. Fasten with staggered length, adjustable, spring isolated wedge type shackles.

Terminal Stopping: Provide normal and final devices.

Electrical Wiring and Wiring Connections:

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

Note: i) Bank shall provide main power supply including earthing terminal in machine room near entrance. All other cabling work in the machine room related to SITC of lifts shall be in vendor scope of work.

ii) The power & lighting cabling work inside the lift shaft and the machine room shall be in the Banks scope of works.

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

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

Entrance Equipment: Provide the following new equipment:

Door Hangers.

Door Tracks

Door Interlocks.

Door Closers.

11.06 LIFT WELL ENTRANCES

Architraves: Retain/replace existing in Employer's scope.

Door Panels: Provide new steel, sandwich construction without binder angles. Provide new entrances finished in hairline stainless steel 304

Sills: Provide new manufactured of extruded aluminum.

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

Finish of Doors: Hairline Stainless Steel

11.07 CAR EQUIPMENT

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

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

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

Guide Shoes: Provide new flexible sliding or roller type shoes.

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

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

Door Operator: Provide new High speed, heavy-duty door operator capable of opening doors. Provide solid-state door control with ACVVVF closed loop circuitry to constantly monitor and automatically adjust door operation based upon velocity, position, and motor current. Maintain consistent, smooth and quiet door operation at all floors, regardless of door weight or varying air pressure.

Door Control Device: Provide New Infrared Reopening Device: Black, fully enclosed device with full screen infrared matrix or multiple beams extending vertically along leading edge of each door panel to minimum height of 2 M above finished floor. Device shall prevent doors from closing and reverse doors at normal opening speed if beams are obstructed while doors are closing, except during nudging operation. In event of device failure, provide for automatic shutdown of car at floor level with doors open.

Nudging Operation: After beams of door control device are obstructed for a predetermined time interval, warning signal shall sound and doors shall attempt to close. Activation of the door open button shall override nudging operation and reopen doors.

Car Operating Panel:

One new car operating panel per car with stainless steel faceplate(s),

Suitably identify and locate floor buttons, alarm button, door open button and door close button in accordance with statutory requirements.

Provide alarm button to ring bell located on car and actuate two-way communication systems.

Provide “door open” button to stop and reopen doors or hold doors in open position.

Provide “door close” button to activate door close cycle.

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

Communication System:

Provide a two-way communication instrument in car with automatic dialing, actuated by pressing the alarm bell.

Provide an EPABX Telephone instrument in car with dialing facility.

CAR ENCLOSURE

16 Passengers Lift Car Enclosure: Provide new and complete as specified herein.

Provide the following features:

Shell, Canopy: steel formed panels as per manufacturer’s standard specifications with baked enamel interior finish as selected.

Front Return Panels and Integral Entrance Columns, Transom, Car Door Panels and Interior Wall Finish: stainless steel hairline finish, as approved by the Employer

Base: 15 mm Engineering granite/Marble tiles with design and inlays as approved by Employer.

Ventilation: Fan of adequate CFM, mounted to car ceiling on isolated rubber grommets with louvers.

Lighting: Recessed type LED fixtures of reputed make meeting the lux level of 150.

Fans: Minimum 2 Nos of cross flow rectangular air blower, low noise / mild air flow maintaining air flow rate as per relevant Standard.

Suspended Ceiling: Mirror finish stainless steel 304

Handrails: Stainless steel 304 finish

LANDING CONTROL STATIONS

Pushbuttons: Provide new riser 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.

SIGNALS

Car Position Indicator: Digital indicator containing floor designations and 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. Illuminate proper direction arrow to indicate direction of travel.

Faceplate Material and Finish: stainless steel all fixtures.

Two-position firefighters' emergency return switches and indicators with engraved instructions filled red.

11.08 EXECUTION

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 with tolerance of 3mm in 30.0 meters or as per relevant IS. 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.

11.10 The lift shall be protected as follows.

- (a) Electrically against overload
- (b) By safety gear on car so that in the event of rope breaking or loosening, the car will be brought to rest immediately by means of grips on the glides.

- (c) By car and landing door locks so that in the event of any door kept opened, the lift will not start.
- (d) By speed governor operating on the control circuit and applying the brakes in case of over-speeding of car in any direction.
- (e) By means of over travel limit switches in both downward and upward direction.
- (f) By means of a 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 either automatically or by pressing door open push button when the lift car is not within the levelling limits.
- (k) All switches and devices in pit/ shaft /machine room should be housed in suitable IP rated enclosures to prevent damage due to rain water inrush.
- (k) Any other safety device as per the statutory requirements

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

- (a) All protection and safety devices shall be tested for its proper functioning.
- (b) The lift will be loaded for its full capacity and the following will be tested.
 - (i) Speed
 - (ii) Levelling at all landings
- (c) The lift will be kept empty and the following will be tested
 - (i) Speed
 - (ii) Levelling
- (d) Overload – No start and overload annunciation.
- (e) Test for rope slip under 100% load plus 20% in standstill condition.
- (f) Reduced voltage and both direction rotation
- (g) Controller function test

13. Test certificates for guide rails, ropes, buffers, trailing cable and motor routine test and controller function test reports from the manufacturer shall be submitted.

SECTION VIII

List of Schedules

(A to F)

Schedule A

Notes for Schedule of Quantities

- 1 The Schedule of Quantities shall be read in conjunction with the specifications, GCC and SCC and other instructions given in the bid documents. CONTRACTOR shall not rely merely on the description given in the Schedule of Quantities.
- 2 The Engineer-in-charge reserves the right to modify any aspect of the scope of Tender at any time during the course of work.
- 3 The contractor shall fill his rates and amounts for all the items for the specified quantities indicated in Schedule of Quantity issued by the Employer.
- 4 Quoted Prices shall be in Indian Rupees only.
- 5 Rates and amounts shall be entered in both figures and words. Non-compliance of these conditions may render the Bid invalid at the discretion of the Employer.
- 6 Unit Rates shall be submitted for all Items and they shall be firm for the entire duration of the contract and any approved extended period.
- 7 The quantities of work actually carried out against each item shall be measured and paid at the rates quoted in the Schedule of Quantities where applicable or otherwise at such rates and prices as may be fixed within the terms of the Contract.
- 8 The contractor shall note that the rates quoted by him shall be including all taxes/ duties/ levies except GST. The applicable GST shall be quoted against each item in the respective column.
- 9 BIDDER shall be deemed to have allowed in his rates the provision, maintenance and final removal of all temporary works of whatsoever nature required for the proper execution of the works, except for those temporary works for which specific items have been provided in Schedule of Quantities.
- 10 Abbreviations used are as under :

i)	No.	Number
ii)	M	Meter
iii)	LS	Lump sum

SCHEDULE B

Information/ Compliances to be submitted by the Bidders

General Check List of Documents

S.No.	Description	Bidder's Confirmation
1	Duly filled-in Tender Part-I and Part-II	
2	Bank Guarantee or Demand Draft towards EMD	
3	Power of Attorney	
4	Letter of Authorization from OEM as per annexure 3	
5	Undertakings as per annexure 2 (regarding site visit) and annexure 4 (regarding maintenance confirmation)	
6	Technical literature of various components and write-up of system	
7	Compliance to all the commercial terms and conditions of the tender	
8	Compliance to all the technical specifications and conditions of the tender	

Details of Service Set up in Chennai

1	Address	
2	Telephone / Mobile numbers	
3	FAX numbers	
4	Email address	
5	Details of engineers, technicians etc. including qualifications and designation, contact numbers etc.	

Signature of Tenderer and Seal

Date:

SCHEDULE C

SAFETY CODE

Suitable scaffolds should be provided for workmen for all works that cannot safely be done from the ground, or from solid construction except such short period work as can be done safely from ladders. When a ladder is used, an extra mazdoor shall be engaged for holding the ladder and if the ladder is used for carrying materials as well suitable footholds and handhold shall be provided on the ladder and the ladder shall be given an inclination not steeper than $\frac{1}{4}$ to 1 ($\frac{1}{4}$ horizontal and 1 vertical.)

Scaffolding of staging more than 3.6 m (12ft.) above the ground or floor, swung or suspended from an overhead support or erected with stationary support shall have a guard rail properly attached or bolted, braced and otherwise secured at least 90 cm. (3ft.) high above the floor or platform of such scaffolding or staging and extending along the entire length of the outside and ends thereof with only such opening as may be necessary for the delivery of materials. Such scaffolding or staging shall be so fastened as to prevent it from swaying from the building or structure.

Working platforms, gangways and stairways should be so constructed that they should not sag unduly or unequally, and if the height of the platform or the gangway or the stairway is more than 3.6 m (12ft.) above ground level or floor level, they should be closely boarded, should have adequate width and should be suitably fastened as described in (2) above.

Every opening in the floor of a building or in a working platform shall be provided with suitable means to prevent the fall of person or materials by providing suitable fencing or railing whose minimum height shall be 90 cm. (3ft.)

Safe means of access shall be provided to all working platforms and other working places. Every ladder shall be securely fixed. No portable single ladder shall be over 9m. (30ft.) in length while the width between side rails in rung ladder shall in no case be less than 29 cm. (11½") for ladder up to and including 3 m. (10 ft.) in length. For longer ladders, this width should be increased at least $\frac{1}{4}$ " for each additional 30 cm. (1 foot) of length. Uniform step spacing of not more than 30 cm shall be kept. Adequate precautions shall be taken to prevent danger from electrical equipment. No materials on any of the sites or work shall be so stacked or placed as to cause danger or inconvenience to any person or the public. The contractor shall provide all necessary fencing and lights to protect the public from accident and shall be bound to bear the expenses of defence of every suit, action or other proceedings at law that may be brought by any person for injury sustained owing to neglect of the above precautions and to pay any damages and cost which may be awarded in any such suit; action or proceedings to any such person or which may, with the consent of the contractor, be paid to compensate any claim by any such person.

(a) Excavation and Trenching - All trenches 1.2 m. (4ft.) or more in depth, shall at all times be supplied with at least one ladder for each 30 m. (100 ft.) in length or fraction thereof, Ladder shall extend from bottom of the trench to at least 90 cm. (3ft.) above

the surface of the ground. The side of the trenches which are 1.5 m. (5ft.) or more in depth shall be stepped back to give suitable slope or securely held by timber bracing, so as to avoid the danger of sides collapsing. The excavated materials shall not be placed within 1.5 m. (5ft.) of the edges of the trench or half of the depth of the trench whichever is more. Cutting shall be done from top to bottom. Under no circumstances, undermining or undercutting shall be done.

(b) Safety Measures for digging bore holes:-

(i). If the bore well is successful, it should be safely capped to avoid caving and collapse of the bore well. The failed and the abandoned ones should be completely refilled to avoid caving and collapse;

(ii). During drilling, Sign boards should be erected near the site with the address of the drilling contractor and the Engineer in-charge of the work;

(iii). Suitable fencing should be erected around the well during the drilling and after the installation of the rig on the point of drilling, flags shall be put 50m around the point of drilling to avoid entry of people;

(iv). After drilling the borewell, a cement platform (0.50m x 0.50m x 1.20m) 0.60m above ground level and 0.60m below ground level should be constructed around the well casing;

(v). After the completion of the borewell, the contractor should cap the bore well properly by welding steel plate, cover the bore well with the drilled wet soil and fix thorny shrubs over the soil. This should be done even while repairing the pump;

(vi). After the borewell is drilled the entire site should be brought to the ground level.

Demolition - Before any demolition work is commenced and also during the progress of the work,

All roads and open areas adjacent to the work site shall either be closed or suitably protected.

No electric cable or apparatus which is liable to be a source of danger or a cable or apparatus used by the operator shall remain electrically charged.

All practical steps shall be taken to prevent danger to persons employed from risk of fire or explosion or flooding. No floor, roof or other part of the building shall be so overloaded with debris or materials as to render it unsafe.

All necessary personal safety equipment as considered adequate by the Engineer-in-Charge should be kept available for the use of the person employed on the site and maintained in a condition suitable for immediate use, and the contractor should take adequate steps to ensure proper use of equipment by those concerned. The following safety equipment shall invariably be provided:

Workers employed on mixing asphaltic materials, cement and lime mortars shall be provided with protective footwear and protective goggles.

Those engaged in white washing and mixing or stacking of cement bags or any material which is injurious to the eyes, shall be provided with protective goggles.

Those engaged in welding works shall be provided with welder's protective eye shields.

Stone breaker shall be provided with protective goggles and protective clothing and seated at sufficiently safe intervals.

When workers are employed in sewers and manholes, which are in active use, the contractors shall ensure that the manhole covers are opened and ventilated at least for an hour before the workers are allowed to get into the manholes, and the manholes so opened shall be cordoned off with suitable railing and provided with warning signals or boards to prevent accident to the public. In addition, the contractor shall ensure that the following safety measure are adhered to :-

Entry for workers into the line shall not be allowed except under supervision of the JE or any other higher officer.

At least 5 to 6 manholes upstream and downstream should be kept open for at least 2 to 3 hours before any man is allowed to enter into the manhole for working inside.

Before entry, presence of Toxic gases should be tested by inserting wet lead acetate paper which changes colour in the presence of such gases and gives indication of their presence.

Presence of Oxygen should be verified by lowering a detector lamp into the manhole. In case, no Oxygen is found inside the sewer line, workers should be sent only with Oxygen kit.

Safety belt with rope should be provided to the workers. While working inside the manholes, such rope should be handled by two men standing outside to enable him to be pulled out during emergency.

The area should be barricaded or cordoned off by suitable means to avoid mishaps of any kind. Proper warning signs should be displayed for the safety of the public whenever cleaning works are undertaken during night or day.

No smoking or open flames shall be allowed near the blocked manhole being cleaned.

The malba obtained on account of cleaning of blocked manholes and sewer lines should be immediately removed to avoid accidents on account of slippery nature of the malba.

Workers should not be allowed to work inside the manhole continuously. He should be given rest intermittently. The Engineer-in-Charge may decide the time up to which a worker may be allowed to work continuously inside the manhole.

Gas masks with Oxygen Cylinder should be kept at site for use in emergency.

Air-blowers should be used for flow of fresh air through the manholes. Whenever called for, portable air blowers are recommended for ventilating the manholes. The Motors for these shall be vapour proof and of totally enclosed type. Non sparking gas engines also could be used but they should be placed at least 2 meters away from the opening

and on the leeward side protected from wind so that they will not be a source of friction on any inflammable gas that might be present.

The workers engaged for cleaning the manholes/sewers should be properly trained before allowing to work in the manhole.

The workers shall be provided with Gumboots or non-sparking shoes bump helmets and gloves non sparking tools safety lights and gas masks and portable air blowers (when necessary). They must be supplied with barrier cream for anointing the limbs before working inside the sewer lines.

Workmen descending a manhole shall try each ladder stop or rung carefully before putting his full weight on it to guard against insecure fastening due to corrosion of the rung fixed to manhole well.

If a man has received a physical injury, he should be brought out of the sewer immediately and adequate medical aid should be provided to him.

The extent to which these precautions are to be taken depend on individual situation but the decision of the Engineer-in-Charge regarding the steps to be taken in this regard in an individual case will be final.

The Contractor shall not employ men and women below the age of 18 years on the work of painting with products containing lead in any form. Wherever men above the age of 18 are employed on the work of lead painting, the following precaution should be taken:-

No paint containing lead or lead products or product containing these pigment shall be used except in the form of paste or ready-made paint.

Suitable face masks should be supplied for use by the workers when paint is applied in the form of spray or a surface having paint is dry rubbed and scrapped.

Overalls shall be supplied by the contractors to the workmen and shall be worn by working painters during the whole of working period.

Adequate facilities shall be provided to enable the working painters to wash during and on the cessation of work.

Suitable arrangements shall be made to prevent clothing put off during working hours being spoiled by painting materials.

Cases of lead poisoning and suspected lead poisoning shall be notified and shall be subsequently verified by medical man appointed by competent authority.

Instructions with regard to special hygienic precautions to be taken in the painting trade shall be distributed to working painters.

Employer may require medical examination of workers, when necessary.

When the work is done near any place where there is risk of drowning, all necessary equipment's should be provided and kept ready for use and all necessary steps taken for prompt rescue of any person in danger and adequate provision, should be made

for prompt first aid treatment of all injuries likely to be obtained during the course of the work.

Use of hoisting machines and tackle including their attachments, anchorage and supports shall conform to the following standards or conditions :-

(a) These shall be of good mechanical construction, sound materials and adequate strength and free from patent defects and shall be kept repaired and in good working order.

(b) Every rope used in hoisting or lowering materials or as a means of suspension shall be of durable quality and adequate strength, and free from patent defects.

Every crane driver or hoisting appliance operator, shall be properly qualified and no person under the age of 21 years should be in charge of any hoisting machine including any scaffolding winch or give signals to operator.

In case of every hoisting machine and of every chain ring hook, shackle swivel and pulley block used in hoisting or as means of suspension, the safe working load shall be ascertained by adequate means. Every hoisting machine and all gear referred to above shall be plainly marked with the safe working load. In case of a hoisting machine having a variable safe working load, each safe working load and the condition under which it is applicable shall be clearly indicated. No part of any machine or any gear referred to above in this paragraph shall be loaded beyond the safe working load except for the purpose of testing.

The contractor shall notify the safe working load of the machine to the Engineer-in-Charge whenever he brings any machinery to site of work.

Motors, gearing, transmission, electric wiring and other dangerous parts of hoisting appliances should be provided with efficient safeguards. Hoisting appliances should be provided with such means as will reduce to the minimum the risk of accidental descent of the load. Adequate precautions should be taken to reduce to the minimum the risk of any part of a suspended load becoming accidentally displaced. When workers are employed on electrical installations which are already energized, insulating mats, wearing apparel, such as gloves, sleeves and boots as may be necessary should be provided. The worker should not wear any rings, watches and carry keys or other materials which are good conductors of electricity.

All scaffolds, ladders and other safety devices mentioned or described herein shall be maintained in safe condition and no scaffold, ladder or equipment shall be altered or removed while it is in use. Adequate washing facilities should be provided at or near places of work.

These safety provisions should be brought to the notice of all concerned by display on a notice board at a prominent place at work spot. The person responsible for compliance of the safety code shall be named therein by the contractor. First-aid appliances, including adequate supply of sterilized dressings and cotton wool, shall be maintained in a readily accessible place.

To ensure effective enforcement of the rules and regulations relating to safety precautions the arrangements made by the contractor shall be open to inspection by the Labour Officer or Engineer-in-Charge of the Employer or their representatives.

Notwithstanding the above clauses from (1) to (14), there is nothing in these to exempt the contractor from the operations of any other Act or Rule in force in the country.

SCHEDULE D

LIST OF DOCUMENTS TO BE MAINTAINED AT SITE

S. No.	Description of the Document	Remarks
1	Contract Agreement.	Certified true copies of the contracts
2	Drawings	Set of all relevant drawings prepared and approved for the work
3	Work Programme Chart	Showing latest approved item wise progress plan
4	Work instruction / Site order Book	For issue of instructions by Engineer-in-charge or his representative at site in the course of day-to-day supervision. This book shall be in the form of Triplicate book with machine numbered pages. After recording the instructions, one copy shall be taken by Engineer-in-Charge or his representative, another by the contractor and the third copy shall remain in the book on which the compliance shall be recorded by Contractor after taking required action.
7	Test Reports/ certificates for Materials/ equipment's	To maintain record of test reports/ certificates received from manufacturers
8	Progress Review reports	To maintain record of progress
9	File and Register for Extra/Variation Order	To maintain record of extra/ variation items
10	Hindrance register	For recording the details of hindrances, reasons & its clearance with time period jointly signed by the Site Engineer/ Engineer-in-charge representative and the contractor's representative

11	Logbook of defects	To record defects noticed during inspection
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After completion of work, the contractor shall submit all the above records/ documents to the Engineer-in-charge of the Bank.

Schedule E

General Rules and Instructions to Bidders - Information

Bids in Two Bids System	1	Tender Inviting Authority – The Regional Director Reserve Bank of India Estate Department, Fort Glacis-16, Rajaji Salai, P.B.No 40 Chennai-600 001
		Name of the Work - Design, Supply, Installation, Testing and Commissioning of 3 Nos. 16 Passenger Lifts in Main Office Building at Reserve Bank of India, Chennai.
		Office – Estate Department Reserve Bank of India, Chennai
		Due Date and Time for receipt of Tender/ Bid : As per SOT
Integrity pact	2	Not applicable
Tender Fee	3	Tender Fee – Nil
Clarifications and pre-Bid Meeting	4	Date and Time of Pre-Bid Meeting - As per SOT
Earnest Money Deposit	10	EMD – Rs 1,35,000/- (One lakh Thirty-Five Thousand Only) in the form of NEFT/DD/ Bank Guarantee as per proforma annexed hereto or online transfer to Reserve Bank of India. The account details for NEFT / RTGS transactions are as follows.

		Beneficiary Name: RBI CHENNAI IFSC: RBIS0CNPA01 Account No: 186003001
Opening of Bids	15	Date of opening of tenders/ bids(Part-I) - As per SOT
Bid validity	16	Bid validity – Ninety Days from the date of opening of Part I
Time for Completion of work	22	Time allowed to complete the work – 32 weeks from the 14 th day of date of issue of work order

Schedule F

General Conditions of the Contract - Information

Definitions		
	2.	
	i)	Design, Supply, Installation, Testing and Commissioning of 3 Nos. 16 Passenger Lifts in Main Office Building at Reserve Bank of India, Chennai.
	ii)	The Site – Bank's Main Office Premises, Chennai.
	iii)	Employer - The Regional Director, Reserve Bank of India, Chennai.
	xiii)	The Engineer-in-charge – As deputed by Bank from time to time
	ix)	The percentage mentioned to cover all overheads and profits – 15%
Discrepancies and Adjustment of Errors (order of preference)	8.2	The Competent Authority - Regional Director, Reserve Bank of India, Chennai

CLAUSES OF CONTRACT

Performance Guarantee	CLAUSE 1	
	(i)	Time allowed for submission of Performance Guarantee from the date of award of work – 14 days
	(ii)	Maximum allowable extension of time for submission of Performance Guarantee beyond the period specified in (i) above without penalty – 14 days
	(iii)	Allowable extension of time for submission of Performance Guarantee beyond the period specified in (ii) above with late fee @ 0.1% of the amount of Performance Guarantee per day
Recovery of Security Deposit	CLAUSE 1 A	
	Retention percentage – No retention (0%) from Bills	
Compensation for Delay	CLAUSE 2	
	Authority for fixing compensation under clause 2 – The Regional Director, Reserve Bank of India, Chennai	
Incentive for early completion	CLAUSE 2 A	
	Not applicable for this contract.	
Time and Extension for Delay	CLAUSE 5	
	Date of commencement – 14 th day from the date of award of work	
	Time allowed for completion of work – 32 Weeks from the date of commencement	
	Milestones are specified in the table below:	

	Milestone No.	Milestone Financial Progress	Time achieving for	Amount to be withheld in case of Non-achievement of the Milestone
	First	3/8 th amount of the contract Value	16 weeks from the date of commencement	In the event of not maintaining desired pace of progress and not achieving Milestone Financial Progress (as assessed from running payments), an amount of equal to 2.5% of the contract value shall be immediately withheld from the dues of the contractor for failure to achieve (on stipulated date) the first milestone
	Second	3/4 th of contract value	24 weeks from the date of commencement	In the event of not maintaining desired pace of progress and not achieving Milestone Financial Progress (as assessed from running payments), amount withheld, if any, for not achieving first milestone + another amount of Rs 2.5% of contract value shall be immediately withheld from the dues of the contractor for failure to achieve (on stipulated date) the second milestone

	Third	Full and Final Value of the work done	32 weeks from the date of commencement	LD shall be levied depending upon overall actual extent of delays attributable to the contractor's actions to a maximum of 10% of the accepted tender amount for the delayed/incomplete lift. Any amount withheld against non-achievement of any milestone shall be adjusted in the LD. If the overall project is delayed by the contractor, he shall not be entitled to any reduction in the amount of the liquidity damages to be recovered from his dues by the employer notwithstanding successful attainment of certain earlier milestones.
Milestones approving authority – Engineer-in-charge				
	(i)	Authority for granting Extension of Time – Regional Director, Reserve Bank of India, Chennai		
	(ii)	Rescheduling of Milestones – Engineer-in-charge		
	(iii)	Shifting of date of commencement in case of delay in handing over of site – Engineer-in-charge		
Measurements of Work Done	CLAUSE 6 or CLAUSE 6A			
	Clause applicable – 6			
Payment on Interim Certificate to	CLAUSE 7			
		Gross value of work done together with net payment/ adjustment of advances for material collected, if any,		

be Regarded as Advances		since the last such payment eligible for raising Running Account bill (Interim payment) – Rs 10 Lakh
		Retention percentage for Interim Certificates – 0%
		Total Retention Money – Nil (Only PBG)
		Retention period for the Retention Money – PBG validity period
		Period of honouring interim certificates – 1 month from the date of receipt of complete bill along with all the documents as specified in Special Conditions of Contract
Materials to be provided by the Contractor	CLAUSE 10	
	List of Testing equipment to be provided by the contractor at site may be furnished	
Advances and Price Adjustments	CLAUSE 10 A & 10 B	
	Not applicable	
Action in case Work not done as per Specifications	CLAUSE 11 A	
	Authority for accepting reduced rate – Regional Director, Reserve Bank of India, Chennai.	
Deviations/ Variations Extent and Pricing	CLAUSE 12	
	Deviation limit beyond which clause 12.2 C shall apply – 20% beyond the tender item quantity specified in the Schedule of Quantity	
Deviation - Deviated Quantities and Pricing		
Contractor Liable for Damages, defects during defect liability period	CLAUSE 17	
	Defects Liability Period – 12 months from the date of completion and handing over the lifts to the Employer	
	Competent Authority for deciding reduced rates – Regional Director, Reserve bank of India, Chennai	

	CLAUSE 19 C, 19 D & 19 F
	No report needs to be submitted as per clause 19C. Clauses 19 D & 19 F are not applicable as no labour shall be allowed to stay in premises.
Settlement of Disputes & Arbitration	CLAUSE 25
	Competent Authority for referring the dispute – The Regional Director Reserve Bank of India, Estate Department, Fort Glacis-16, Rajaji Salai, P.B.No 40, Chennai-600 001 Place of Arbitration – Chennai, India
Return of surplus Material	CLAUSE 30
	Clause 30 is not applicable.
Water and Power for Work	CLAUSE 31, 31 A and 32
	Clauses 31, 31A & 32 are not applicable. Water and Power for work shall be provided free of cost.
Insurance	CLAUSE 33
	<p>Contractor shall take following Insurance Policies with effect from the date on or before the start of work at site</p> <p>Contractor's All Risk Policy for the full Contract Value, including Earthquake and Fire Risk</p> <p>Workmen Compensation Policy for all workmen deployed at site.</p> <p>Third Party Liability Policy either separate policy or in CAR policy and having description as per following details:</p> <p>For injury to persons – Rs 2 Lakh per person per accident</p> <p>For damage to property – Rs 5 Lakh per accident</p> <p>Subject to overall ceiling of Rs 10 Lakh separately for a & b.</p>
Employment of Technical Staff and employees	CLAUSE 34
	Minimum required Personnel at site shall be as below, failing which recovery at the specified rates as below shall be effected from the contractor:

Sr. No.	Designation	Minimum No. of personnel	Minimum Professional/Technical Qualification	Minimum years of Relevant Experience	Rate of recovery per head per day for non-compliance
1	Project Manager (Part time)	1	B.E.	5	NIL
			or Diploma in Engineering	10	
2	Site Supervisor (Full time when the work is in progress)	1	Trained personnel	10	Rs 1000/-

I/We hereby declare that I/we have read and understood the information provided in Schedule A to Schedule F above.

Place

Signature of Bidder

Date

SECTION IX

Formats and ANNEXURES

TO

VARIOUS SECTIONS AND SCHEDULES

Basic Information.

1(a)	Name of the Contractor / firm.	
2.	Details of registration of the firm: whether Sole Proprietorship / Partnership firm / Private Limited / Limited or Co-operative Body etc, or MSME Registration etc., (upload the relevant documents in support thereof).	
2(a)	Name of the proprietor or Partners / directors of the organization / firm.	
3(a)	Registered Address.	
3(b)	Address for correspondence.	
4(a)	Contact person.	
4(b)	Designation.	
4(c)	Telephone No.	
4(d)	Mobile No.	
4(e)	FAX / Tele-fax:	
4(f)	e-mail id.	
5(a)	(i). GST Registration details and No. (ii). PAN No. (Upload relevant documents)	
5(b)	Details of registration of labour, ESI, EPF if any.	
6	Number of years of experience of contractor / Firm of contractor in the field. (Upload relevant documents as per Format 2).	

Place:

Signature of bidder:

Date:

Address & seal:

PREVIOUS WORK EXPERIENCE List of important similar works executed by the contractor / firm**(Works completed before May 31, 2016).**

Sl. No.	Name of similar work and location	Nature of work involved in the contract	Name of the owner/ client Also indicate whether Government or Semi-Government or Private Body with full postal address.	Cost of work		Period of completion			Reason for delay, if any	Whether work was left incomplete, or contract was terminated from either side?	Litigation/ Arbitration, if any with details.	Any other relevant information.
				Contract Amount (₹ lakh)	Actual value of work done (in ₹ lakh)	Date of commencement of work	Scheduled date of completion	Actual date of completion				
1.	2.	3.	4.	5 a	5 b	6a	6b	6c	7	8	9	10

Signature of the bidder with seal

List of important similar works 'in hand'

Sl no	Name of the work and location	Nature of work involved in the contract	Name of the owner and Whether Government or Semi- Government or Private Body with full postal address.	Contract Amount in ₹	Completion Period		Present stage of work with reasons if the work is getting delayed	Any other relevant information
					Stipulated	Expected		
1	2	3	4	5	6(a)	6(b)	7	8

Signature of the bidder with seal

Details of similar eligible work(s) (qualifying) completed during last five years ending May 31, 2023, from June 01, 2018**[Work(s) costing above the minimum value specified in pre-qualification criteria].**

Sl no	Name of similar work and location	Nature of work involved in the contract.	Name of the owner/ client and Also indicate whether Government or Semi-Government or Private Body with full postal address.	Name, e-mail ID, telephone (land line and mobile) nos., Fax no. of the contact executive (the person of bidders client who can be contacted by the bank in case it is so needed).	Cost of work		Period of completion			Reason for delay, if any	Whether work was left incomplete or contract was terminated from either side?	Litigation/Arbitration, if any with details.	Any other relevant information.
					Contract Amount (₹ lakh)	Actual value of work done (in ₹ lakh)	Date of commencement of work	Scheduled date of completion	Actual date of completion				
					6 a	6b	7a	7b	7c	8	9	10	11

This list of work is for each qualifying works as specified in section C of Pre-qualification criteria.

For each of the qualifying works, client certificate as per Format 3A shall be submitted.

Signature of the Bidder with seal

CLIENT's CERTIFICATE REG. PERFORMANCE OF CONTRACTOR (On Client's Letter Head)

Name & address of the Client:

Details of Works executed by Shri./Smt./M/s

1	Name of work with brief particulars	
2	Agreement No. and date	
3	Agreement amount	
4	Date of commencement of work	
5	Stipulated date of completion	
6	Actual date of completion	
7	Details of compensation levied for delay(indicate amount) if any	
8	Gross amount of the work completed and paid	
9	Name and address of the authority under whom works executed	
10	Whether the contractor employed qualified Engineer/Overseer during execution of work?	
11	i) Quality of work (indicate grading)	Outstanding/Very Good/ Good/Satisfactory/poor
	ii) Amt. of work paid on reduced rates, if any.	
12	i) Did the contractor go for arbitration?	
	ii) If yes, total amount of claim	
	iii) Total amount awarded	
13	Comments on the capabilities of the contractor.	
	a) Technical proficiency	Outstanding/Very Good/ Good/Satisfactory/poor
	b) Financial soundness	Outstanding/Very Good/ Good/Satisfactory/poor
	c) Mobilization of adequate T&P	Outstanding/Very Good/ Good/Satisfactory/poor
	d) Mobilization of manpower	Outstanding/Very Good/

		Good/Satisfactory/poor
	e) General behavior	Outstanding/Very Good/ Good/Satisfactory/poor

Signature & Seal of authorized signatory

Regarding performance report/clients' certificate, for works carried out for Government/ public sector companies, the certificate should be signed by the concerned Executive Engineer or an officer in an equivalent or higher rank. For works carried out for Private companies, Copy of TDS has to be submitted for proving the credentials/contract amount.

(i) All columns should be filled .in properly

(ii) The Client Certificates should be submitted in a sealed cover addressed to the Shri Reserve Bank of India, Chennai for each of the Prequalification work/s

Note: The performance/completion certificates obtained from clients can be in any format other than the one specified above, but the certificates should mandatorily contain the information sought above. If the certificates uploaded are not able to establish the information sought above, those will not be accepted

FINANCIAL INFORMATION

Sr.no.	Details	Financial Year		
		2019-20 ₹ in lakh	2020-21 ₹ in lakh	2021-22 ₹ in lakh
1	Gross Annual financial turn over certified by Chartered Accountant.			
2	Profit/ Loss			

Note:

Statement shall be supported by figures in balance sheet/ profit & loss account with copies of audited annual financial statements/ accounts of the business of the bidder duly certified by a Chartered Accountant. The Income Tax Clearance Certificates / Income Tax Assessment orders along with the latest final accounts of the business of the contractor duly certified by a Chartered Accountant, as a proof of creditworthiness.

Submit supporting documents

Signature of the bidder with seal

FORM OF BANKERS' SOLVENCY CERTIFICATE FROM A SCHEDULED BANK
(On Bankers' Letter Head)

Place:

Date:

Smt. Uma Sankar
Regional Director for Tamil Nadu & Puducherry
Reserve Bank of India
Estate Department
Fort Glacis, Rajaji Salai
Chennai - 600 001.

This is to certify that to the best of our knowledge and information M/s. /Shri..... a customer of our bank having marginally noted address, are/is respectable and can be treated as good for any engagement up to a limit of ₹.....(Rupees).

This certificate is issued without any guarantee or responsibility on the bank or any of its officers.

For the Bank with Name, Designation & Seal

Note:-

- (i) Bankers' certificates should be on letter head of the Bank
- (ii) In case of partnership firm, certificate to include names of all partners as recorded with the Bank.

Details of Bidder's Banker

1	Name and full Address of the Banker	
2	Name of contact executives, Email ID, contact numbers (land line and mobile), Fax number etc. (The person can be contacted at the office of their banker by the Bank in case it is needed.)	

Signature of the bidder with seal

FORMAT FOR POWER OF ATTORNEY FOR AUTHORIZED SIGNATORY

(On Non-Judicial Stamp Paper of appropriate value)

To

The Regional Director

Reserve Bank of India

Estate Department, Fort Glacis-16,

Rajaji Salai, P.B.No 40

Chennai-600 001

Dear Sir

NAME OF WORK: Design, Supply, Installation, Testing and Commissioning of 3 Nos. 16 Passenger Lifts in Main Office Building at Reserve Bank of India, Chennai.

We.....(Name of the Bidder and address of their registered office) do hereby constitute, appoint and authorise Mr. / Ms.
.....(Name and residential address of Power of Attorney holder) who is presently employed with us and holding the position of as our attorney, to do in our name and on our behalf, all such acts, deeds and things necessary in connection with or incidental to our bid for the captioned Project, including signing and submission of all documents and providing information / responses to the Reserve Bank of India (RBI), representing us in all matters before RBI, and generally dealing with RBI in all matters in connection with our proposal for the said Project.

We hereby agree to ratify all acts, deeds and things lawfully done by our said attorney pursuant to this Power of Attorney and that all acts, deeds and things done by our aforesaid attorney shall and shall always be deemed to have been done by us.

Signature of Mr./ Ms is attested below:

Signature/(s) of the Bidder

Name/(s)

Stamp/Seal of the Bidder

Note:

Power of Attorney should be properly stamped and notarized

Power of Attorney furnished by Contractor shall be irrevocable.

UNDERTAKING

(Regarding site visit by the tenderer in order to understand the work)

To,

The Regional Director

Reserve Bank of India

Estate Department, Fort Glacis-16,

Rajaji Salai, P.B.No 40

Chennai-600 001

Dear Sir,

NAME OF WORK: Design, Supply, Installation, Testing and Commissioning of 3 Nos. 16 Passenger Lifts in Main Office Building at Reserve Bank of India, Chennai.

We, _____, the tenderer for the above work confirm that we have visited the site and understood the proper details of the existing lifts working presently and also the scope of work for the proposed new lifts.

Yours faithfully,

()

Authorised signatory

(Name and address of the company with Company Seal)

Date:

Proforma of undertaking for maintenance confirmation by the bidder

(To be issued by the manufacturer of offered make of equipment on his letterhead)

To

The Regional Director

Reserve Bank of India

Estate Department, Fort Glacis-16,

Rajaji Salai, P.B.No 40

Chennai-600 001

Dear Sir,

Tender for Design, Supply, Installation, Testing and Commissioning of 3 Nos. 16 Passenger Lifts in Main Office Building at Reserve Bank of India, Chennai.

We hereby undertake to maintain the lifts to be installed by us in your above premises satisfactorily, for a period of not less than 19 years after expiry of the defect liability/warranty period at the quoted rates towards all inclusive annual maintenance contract and terms and conditions as per the contract conditions, subject only to the price revision on the basis of the relevant RBI indices based formula, as provided in the tender document.

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 _____

Authorised signatory

(Name and address of the company with Company Seal)

Date:

**PROFORMA OF BANK GUARANTEE FOR EARNEST MONEY DEPOSIT/ BID
SECURITY**

(On Non-Judicial Stamp Paper of appropriate value)

Place: _____

Date: _____

To

The Regional Director

Reserve Bank of India

Estate Department, Fort Glacis-16,

Rajaji Salai, P.B.No 40

Chennai-600 001

Dear Sir,

Name of Work Design, Supply, Installation, Testing and Commissioning of 3 Nos. 16 Passenger Lifts in Main Office Building at Reserve Bank of India, Chennai.

Ref.: NIT/Advt.No. _____ date _____

WHEREAS

The Reserve Bank of India, having its Central Office at Shahid Bhagat Singh Road, Mumbai (hereinafter called the 'RBI') has invited tenders for the captioned work (hereinafter called "the said tender") on the terms and conditions mentioned in the said tender documents.

It is one of the terms of invitation of tenders that the tenderer shall furnish a Bank Guarantee for a sum of Rs. _____ (Rupees _____ only) as Earnest Money Deposit (EMD).

M/s. (Name of the Tenderer/Bidder) _____, (hereinafter called as "the Tenderer/ Bidder"), who are our Clients/Constituents intend to submit their tender/ Bid for the said work and have requested us to furnish Bank Guarantee to RBI in respect of the said sum of Rs. _____ (Rupees _____ only) in respect of EMD.

NOW THIS GUARANTEE WITNESSETH

We _____ (Name of the Bank) do hereby agree with and undertake to RBI, their Successors, Assigns that in the event of the RBI coming to the conclusion that the Tenderer have not performed their obligations under the said conditions of the tender or have committed a breach thereof, which conclusion shall be binding on us as well as the said Tenderer; we shall on demand by the RBI, pay without demur to the RBI, a sum of Rs. _____ (Rupees _____ only) or any lower amount that may be demanded by the RBI. Our guarantee shall be treated as equivalent to the Earnest Money Deposit for the due performance of the obligations of the Tenderer under the said Conditions, provided, however, that our liability against such sum shall not exceed the sum of Rs. _____ (Rupees _____ only).

We also agree to undertake to and confirm that the sum not exceeding Rs. _____ (Rupees _____ only) as aforesaid shall be paid by us without any demur or protest, merely on demand from the RBI on receipt of a notice in writing stating that the amount is due to them and we shall not ask for any further proof or evidence and the notice from the RBI shall be conclusive and binding on us and shall not be questioned by us in any respect or manner whatsoever. We undertake to pay the amount claimed by the RBI within a period of one week from the date of receipt of the notice as aforesaid.

We confirm that our obligation to the RBI under this guarantee shall be independent of the agreement or agreements or other understandings between the RBI and the Tenderer.

This guarantee shall not be revoked by us without prior consent in writing of the RBI.

We hereby further agree that –

Any forbearance or commission on the part of the RBI in enforcing the conditions of the said agreement or in compliance with any of the terms and conditions stipulated in the said tender and/or hereunder or granting of any time or showing of any indulgence by the RBI to the Tenderer or any other matters in connection therewith shall not discharge us in any way and our obligation under this guarantee. This guarantee shall be discharged only by the performance by the Tenderers of their obligations and in the event of their failure to do so, by payment by us of the sum not exceeding Rs. _____ (Rupees _____ only).

Our liability under these presents shall not exceed the sum of Rs. _____ (Rupees _____ only) .

Our liability under this agreement shall not be affected by any infirmity or irregularity on the part of our said constituents/clients in tendering for the said work or their obligations there under or by dissolution or change in the constitution of our said constituents.

This guarantee shall remain in force up to _____ (six months from the last date of receipt of tender) provided that if so desired by the RBI, this guarantee shall be renewed for a further period as may be indicated by them on the same terms and conditions as contained herein.

Our liability under these presents will terminate unless these presents are renewed as provided hereinabove on the _____ or on the day when our said constituents comply with their obligations, as to which a certificate in writing by the RBI alone is the conclusive proof whichever date is later. Unless a claim or suit or action is filed against

us within _____ or any extended period, all the rights of the RBI against us under this guarantee shall be forfeited and we shall be released and discharged from all our obligations and liabilities hereunder.

Yours faithfully,

For and on behalf of _____ Bank.

Authorised Official (with seal)

Signature of authorized Bank official

Name:

Designation

Stamp/ Seal of the Bank

Signed, sealed and delivered for and on behalf of the Bank by the above named in the presence of :

Witness 1	Witness 2
Signature	Signature
Name	Name
Address	Address

(NB: This guarantee will require stamp duty as applicable in the state, where it is executed and shall be signed by the official whose signature and authority shall be verified).

Draft Articles of Agreement

(On Non Judicial Stamp Paper of appropriate value)

यह करार एक ओर भारतीय रिज़र्व बैंक, फोर्ट ग्लेसिस, राजाजी साल्लै, चेन्नै-600 001 जिसका केंद्रीय कार्यालय मुंबई में है) जिसे इसके बाद "बैंक" कहा गया है (और दूसरी ओर _____) जिसे इसके बाद संविदाकार कहा गया है (के बीच _____ को किया गया।

ARTICLES OF AGREEMENT made the _____ day of _____ between the Reserve Bank of India, Chennai Regional Office, Rajaji Salai, Fort Glacis, Chennai-600001, having its Central Office at Shahid Bhagat Singh Marg, Fort, Mumbai 400001 (hereinafter called "the Employer") of the one part and _____ (hereinafter called "the Contractor") of the other part.

जबकि नियोक्ता " बैंक के चेन्नै कार्यालय परिसर में तीन लिफ्ट (16 पैसेंजर क्षमता) के डिजाइन, आपूर्ति, इंस्टालेशन, परिक्षण और कमीशनिंग (डि एस आई टी सी) के कार्य हेतु प्रस्ताव" का काम करने का इच्छुक है और कार्यों का वर्णन करने वाले विनिर्देशों और मात्राओं की अनुसूची का कारण बना है किया गया है जिस पर इसके पक्षकारों द्वारा या उनकी ओर से हस्ताक्षर किए गए हैं।

WHEREAS the Employer is desirous of carrying out the work of "Design, Supply, Installation, Testing and Commissioning of three passenger lifts (16 persons capacity) in Bank's Main Office Premises, Chennai" and has caused specifications and schedule of quantities describing the works to be done.

और जबकि कार्य का वर्णन करने वाले विनिर्देशनों और मात्राओं की अनुसूची पर इसके पक्षकारों द्वारा अथवा उनकी ओर से हस्ताक्षर किए गए हैं।

AND WHEREAS the said Specifications and the Schedule of Quantities have been signed by or on behalf of the parties hereto.

और जबकि संविदाकार शर्तों के अधीन आगे यहाँ नियत शर्तों और विशेष शर्तों में निर्धारित शर्तों और काम की मात्रा की अनुसूची और संविदा की शर्तों (जिन्हें इसके बाद सामूहिक रूप से " तथाकथित शर्तें " कहा जाएगा) के अनुसार काम को उक्त ड्राइंग और/या उक्त विनिर्देशन में वर्णित है और काम की मात्रा की अनुसूची में शामिल है , पर उसमें निर्धारित संबंधित दर पर गणना की गई कुल राशि पर या ऐसी अन्य देय राशि पर (इसके बाद इसे " तथाकथित संविदा राशि " कहा जाएगा) कार्य करने के लिए सहमत है।

AND WHEREAS the Contractor has agreed to execute upon and subject to the Conditions set forth herein and to the Conditions set forth in the Special Conditions and in the Schedule of Quantities and Conditions of Contract (all of which are collectively hereinafter referred to as "the said Conditions") the works described in the said Specification and included in the Schedule of Quantities at the Respective rate therein set forth amounting to the sum as therein arrived at or such other sum as shall become payable there under (hereinafter referred to as "the said Contract Amount").

एतद्वारा अब निम्नानुसार सहमति हुई है:-

NOW IT IS HEREBY AGREED AS FOLLOWS:

1. संविदाकार तथाकथित शर्तों में उल्लिखित समय और नियत तरीके से तथाकथित संविदा राशि के भुगतान करने के मद्देनज़र ,तथाकथित शर्तों के अधीन विनिर्देशनों के अनुसार नियत ड्राइंग और काम की मात्राओं की अनुसूची में दर्शाया गया काम पूरा करेगा।

In considerations 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 described in the said Specifications and the Schedule of Quantities.

2. बैंक संविदाकार को कथित संविदा राशि अथवा समय-समय पर देय होनेवाली अन्य राशि तथाकथित शर्तों मेंविनिर्दिष्ट तरीके से अदा करेगा।

The Employer shall pay 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 Reserve Bank of India shall administer and directly arrange for supervision of works, certification of bills, making payments and implementation of various terms, conditions and stipulations of the contract.
4. तथाकथित शर्तें और साथ में दी गई परिशिष्ट इसके साथ पढ़ी जाएंगी और इस करार का हिस्सा मानी जाएंगी और संबंधित पक्ष इस करार की तथाकथित शर्तों के अधीन रहेंगे और अपनी ओर से क्रमशः तथाकथित शर्तों के अपने-अपने कर्तव्य का पालन करेंगे।

The said conditions and various schedules 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.

5. इसमें उल्लिखित प्लान ,करार एवं दस्तावेज इस संविदा के आधारभूत घटक होंगे।
The agreement and documents mentioned herein shall form the basis of this Contract.

6. This Contract is neither a fixed Lump sum contract nor a Piece Work Contract but is a Contract to carry out the work in respect of **“Design, Supply, Installation, Testing and Commissioning of three passenger lifts (16 persons capacity) in Bank’s Main Office Premises, Chennai”** to be paid for according to actual measured quantities at the rate contained in the Schedule of rates and Probable Quantities or as provided in the said Conditions.

7. The Contractor shall afford every reasonable facility for the carrying out of all works relating to the said works in the manner laid down in the said conditions and shall make good any damages done to walls, floors etc. after the completion of such works.

8. बैंक के पास इस संविदा पर प्रतिकूल प्रभाव डाले बिना काम की किसी भी मद की ड्राइंग और काम की प्रकृति बदलने ,कोई मद जोड़ने या किए गए काम की मद को निकालने का अधिकार सुरक्षित होगा।

The Employer reserves to itself the right of altering the 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.

9. समय इस संविदा का महत्वपूर्ण कारक है और संविदाकार एतद्वारा सहमत है कि समय विस्तार का प्रावधान होते हुए भी वह कार्य आदेश जारी करने की दिनांक से दसवें दिन से तथाकथित शर्तों में उल्लिखित किए गए अनुसार जो भी बाद में हो, काम शुरू कर देगा और उसके बाद **कार्य आदेश की तारीख के 10 वें दिन से 32 हफ्तों की अवधि के भीतर पूरा काम करेगा।**

Time shall be considered as the essence of this Contract and the Contractor hereby agrees to commence the work soon after the site is handed over to him or from the scheduled date of commencement as provided for in the said Conditions whichever is later and to complete the entire work within **32 weeks** subject nevertheless to the provisions for extension of time.

10. All payments by the Employer under this Contract shall be made only at Chennai.
11. All disputes arising out of or in any way connected with this agreement shall be deemed to have arisen at Chennai and only Courts in Chennai shall have jurisdiction to determine the same.
12. That the several parts of this Contract have been read by the Contractor and fully understood by the Contractor. The Contractor shall not be entitled for the payment for the quantities beyond the tendered quantities unless ordered for by specific written instructions from the Bank's Engineer-in-Charge.
13. As security against due fulfillment of the terms and obligations of the Contract, Defect Liability Period (Warranty period) and Annual Maintenance Service Contract, the successful tenderer shall furnish on award of the works, an amount equal to 10% (Ten percent) of the contract value for the work in the form of a Bank Guarantee (BG) from any scheduled Bank in the form prescribed by the Bank towards **Security Deposit**, within 14 days from the date of work order. **This BG should be valid for a period of the contract completion period up to the date of handing over of the newly installed lifts (all the lifts) and a further period of TWO (2) years i.e. (one year DLP plus One year CAMC).** In case of any delay in submission of the PBG beyond 28 days, penalty will be deducted from the bills of the contractor at Bank rate.

After Completion of two years (one year DLP and one year CAMC), the Bank Guarantee submitted above shall be further extended for an amount to be reduced by 1/20th of initial guarantee amount year after year for a further

period of Eighteen (18) years thereafter for due fulfilment of the contract conditions. The Bank reserves the right to enforce the Bank Guarantee in case of unsatisfactory performance of the terms, conditions of the DLP and CAMC set out in the tender at any time during the currency of committed period of Twenty (20) years (One year DLP and 19 years CAMC).

RBI has the right to invoke the PBG to compensate any fault/ penalty by the contractor

- 14 The entire equipment shall be guaranteed to be free from defective workmanship or materials for 12 months from the date of handover of the last lift (Defect Liability Period – DLP) and any defects that may appear within 12 months from the date of issue of completion certificate for the work/ hand over of the lift, which in the opinion of the Bank have arisen from bad workmanship or materials, shall upon intimation by the Bank, be made good by the Contractor at his own cost within the time specified. During the said period of 12 months (DLP), the contractor shall make periodical inspection of the working of the lifts free of charge at least once a month or earlier, if required, and attend to the lubrication of the various parts and such other service that may be required for the same.

- 15 **Comprehensive annual maintenance Contract:** After successful completion of DLP, the contractor shall enter in to Comprehensive Annual Maintenance Contract (CAMC) with the Bank at the quoted/ approved rates for CAMC.

Comprehensive annual maintenance Contract shall be valid for a period of **19 years** from successful completion of Defect Liability Period.

Comprehensive Annual Maintenance rates for 1st year after completion of Defect Liability Period: Rs. (inclusive of taxes).

During the currency of the Annual Maintenance Service Contract, all care shall be taken so that the downtime of any lift is kept minimum and the lift shall be attended within 3 hours of receiving the complaint. In case, the lift remains under breakdown for more than a day, then a penalty equivalent to 2 times the daily rate of service contract (annual rate of CAMC of the said lift/ 365) shall be recovered from the payment due to the contractor.

They shall also ensure that the required spares etc. for proper maintenance are readily available with them for the complete life span of the lift.

The payment towards AMC charges will be made every quarter after satisfactory completion of the service and submitting a bill for the quarter

along with the Service report of the respective period duly signed by the caretaker.

Rates will be revised for further 18 years as given below:

The CAMC rate shall be revised after first year of CAMC and the contract shall be renewed based on the revised AMC amount calculated as per the following formula:

$$\mathbf{AC = AP [(50x(EPIC/EPIP)+50x(CPIC/CPIP))] / 100}$$

AC The contract amount for the current year

AP The contract amount for the previous year

EPIC Wholesale Price Index for Metal Products 6 months prior to the commencement date of contract for the current year

EPIP Wholesale Price Index for Metal Products 6 months prior to the commencement date of contract for the previous year

CPIC Consumer Price Index for Industrial Workers (All India Average) 6 months prior to the commencement date of contract for the current year

CPIP Consumer Price Index for Industrial Workers (All India Average) 6 months prior to the commencement date of contract for the previous year

Immediately after successful completion of DLP, the contractor shall enter in to Comprehensive Annual Maintenance Contract (CAMC) with the Bank at the quoted/ approved rates for CAMC.

Scope of works during CAMC:

(A) The scope of work shall include the following:

(i) Routine servicing/ troubleshooting/ setting/ adjustments/ cleaning/ lubrication/ checking of safeties etc. to ensure smooth and trouble free working of the lifts.

(ii) Repairs/ replacement to the lifts including re-loading software etc. in the event of any breakdown including replacement of spares/ components/ sub-system/ cards/ motors/ ropes and any other component, part or whole, which may need replacement/ repairs.

(iii) Procurement, including Import, wherever required, of spares and stocking them shall be responsibility of the tenderer. Non availability of spares/ components will not be accepted as a reason for waiving of penalty towards delay in rendering prompt service.

(iv) All manufacturers preventive maintenance schedules/ replacement periodicity of components like ropes, electrical/electronics parts including

checking of safety devices, protections like rope slip, load testing etc. shall be strictly followed as per the manufacturer's periodicity or as required in addition to the scope of maintenance indicated above.

(v) During the AMC period, the contractor shall make periodical inspection of the working of the lifts free of charge at least once a month or earlier, if required, and attend to the lubrication of the various parts and such other service that may be required for the same

(vi) The scope of maintenance in addition to periodic maintenance will also include attending to any number of breakdown calls.

(vii) In case of breakdown due to water entry in pit due to rain or water entry from upper floor landings during fire drills, pit switch and other equipment if become defective, same shall be replaced at extra without any charge and to be covered under CAMC. As such it is responsibility of firm to make suitable IP rating of the boxes to prevent ingress of water and breakdown.

(B) Penalty for delay in service during warranty and AMC period:

16. The Contractor shall not disclose directly or indirectly any information, materials and details of the Bank's infrastructure/systems/equipment etc., which may come to the possession or knowledge of the Contractor during the course of discharging its contractual obligations in connection with this agreement, to any third party and shall at all times hold the same in strictest confidence. The Contractor shall treat the details of the contract as private and confidential, except to the extent necessary to carry out the obligations under it or to comply with applicable laws. The Contractor shall not publish, permit to be published, or disclose any particulars of the works in any trade or technical paper or elsewhere without the previous written consent of the Employer. The Contractor shall indemnify the Employer for any loss suffered by the Employer as a result of disclosure of any confidential information. Failure to observe the above shall be treated as breach of contract on the part of the Contractor and the Employer shall be entitled to claim damages and pursue legal remedies.

The Contractor shall take all appropriate actions with respect to its employees to ensure that the obligations of non-disclosure of confidential information under this agreement are fully satisfied.

The Contractor's obligations with respect to non-disclosure and confidentiality will survive the expiry or termination of this agreement for whatever reason.

17. The contractor shall comply to the provisions of Prevention of Sexual Harassment at workplaces Act.

a) The firm shall be solely responsible in case of any complaint of sexual harassment against its employee within the premises of the Bank. The complaint will be filed before the Regional Committee constituted by the Reserve Bank of India and Bank shall ensure appropriate action under the said Act in respect of the complaint.

b) Any complaint of sexual harassment from any aggrieved employee of the firm against any employee of the Bank / DICGC shall be taken cognizance of by the Regional Complaint Committee constituted by the Bank.

c) The firm shall be responsible for any monetary compensation that may need to be paid in case the incident involves the employees of the firm, for instance any monetary relief to Bank's employees, if sexual violence by the employee of the firm is proved.

d) The firm shall be responsible for educating its employees about prevention of sexual harassment at work place and related issues.

e) The firm shall provide a complete and updated list of its employees who are deployed within the Bank's premises.

IN WITNESS WHEREOF the Employer and the Contractor have set their respective hands to these presents the day and year first hereinabove written.

If the contractor is a partnership or an individual.

IN WITNESS WHEREOF the Employer has set its hands to these presents through its duly authorized official and the Contractor has caused its common seal to be affixed hereunto and has caused these presents to be executed on its behalf, the day and year first hereinabove written.

If the contractor is a company.

Signature Clause

SIGNED AND DELIVERED by the Reserve bank of India by the hand of

Shri

(Name and designation)

In the presence of

(1)

Address

(2)

Address

Witness

SIGNED AND DELIVERED by

In the presence of

(1)

Address

(2)

Address

Witness

THE COMMON SEAL OF

Was hereunto affixed pursuant to the
resolutions passed by its Board of Directors at
the meeting held on _____
in the presence of

(1)

(2)

Directors who have signed these presents in
token thereof in the presence of

(1)

(2)

If the party is partnership
firm or an individual should
be signed by all or on behalf
of all the partners.

If the Contractor signs under
its common seal, the
signature clause should tally
with the sealing clause in the
Articles of Association.

SIGNED AND DELIVERED BY the Contractor
by the hand of Shri
_____ and
duly constituted attorney.

If the Contractor is signing
by hand of power of
Attorney, whether a
company or individual.

PROFORMA OF BANK GUARANTEE for PERFORMANCE SECURITY DEPOSIT

(On Non-Judicial Stamp Paper of appropriate value)

Place: _____

Date: _____

To

The Regional Director

Reserve Bank of India

Estate Department, Fort Glacis-16,

Rajaji Salai, P.B.No 40

Chennai-600 001

Dear Sir,

Name of Work : Design, Supply, Installation, Testing and Commissioning of 3 Nos. 16 Passenger Lifts in Main Office Building at Reserve Bank of India, Chennai.

Whereas Reserve Bank of India, having its Central Office at Shahid Bhagat Singh Road, Mumbai, (hereinafter called "the RBI") has awarded the Contract for the captioned project (hereinafter called the "Contract") to M/s _____ (Name of the Contractor) (hereinafter called "the said Contractor" which expression shall include its successors and assigns).

AND Whereas the Contractor is bound by the said Contract to submit to RBI a Performance Security for a total amount of ₹. _____ (Rupees _____ only) (Amount in figures and words) for the due fulfilment by the said contractor of the terms and conditions contained in the contract. We, _____ (Name of the Bank), (hereinafter called "the Bank"), at the request of M/s _____, the contractor, do hereby undertake to pay to the RBI an amount not exceeding Rs _____ as Performance Guarantee for due fulfilment of the terms and conditions of the contract.

NOW THIS GUARANTEE WITNESSETH

We _____ (Name of the Bank) do hereby agree with and undertake to RBI, their Successors, Assigns that in the event of the RBI coming to the conclusion that the Contractor has not performed his obligations under the said conditions of the contract or have committed a breach thereof, which conclusion shall be binding on us as well as the said contractor; we shall on demand by the RBI, pay without demur to the RBI, a sum of Rs. _____ (Rupees _____ only) or any lower amount that may be demanded by the RBI. Our guarantee shall be treated as equivalent to the Performance Guarantee Amount for the due performance of the obligations of the Contractor under the

said Contract, provided, however, that our liability against such sum shall not exceed the sum of Rs. _____ (Rupees _____ only).

We also agree to undertake to and confirm that the sum not exceeding Rs. _____ (Rupees _____ only) as aforesaid shall be paid by us without any demur or protest, merely on demand from the RBI on receipt of a notice in writing stating that the amount is due to them and we shall not ask for any further proof or evidence and the notice from the RBI shall be conclusive and binding on us and shall not be questioned by us in any respect or manner whatsoever. The Bank shall pay to RBI any money so demanded notwithstanding any dispute/disputes raised by the Contractor in any suit or proceedings pending before any Court, Tribunal or Arbitrator/s relating thereto and the liability under this guarantee shall be absolute and unequivocal. We undertake to pay the amount claimed by the RBI within a period of one week from the date of receipt of the notice as aforesaid.

We confirm that our obligation to the RBI under this guarantee shall be independent of the agreement or agreements or other understandings between the RBI and the Contractor.

This guarantee shall not be revoked by us without prior consent in writing of the RBI.

We hereby further agree that –

Any forbearance or commission on the part of the RBI in enforcing the conditions of the said agreement or in compliance with any of the terms and conditions stipulated in the said Contract and/or hereunder or granting of any time or showing of any indulgence by the RBI to the Contractor or any other matters in connection therewith shall not discharge us in any way and our obligation under this guarantee. This guarantee shall be discharged only by the performance by the Contractor of their obligations and in the event of their failure to do so, by payment by us of the sum not exceeding Rs. _____ (Rupees _____ only).

Our liability under these presents shall not exceed the sum of Rs. _____ (Rupees _____ only) .

Our liability under this agreement shall not be affected by any infirmity or irregularity on the part of our said constituents/clients or their obligations thereunder or by dissolution or change in the constitution of our said constituents.

This guarantee shall remain in force up to _____ (60 days beyond the Defect liability period) provided that if so desired by the RBI, this guarantee shall be renewed for a further period as may be indicated by them on the same terms and conditions as contained herein.

Our liability under these presents will terminate unless these presents are renewed as provided hereinabove on the _____ or on the day when our said constituents comply with their obligations, as to which a certificate in writing by the RBI alone is the conclusive proof whichever date is later. Unless a claim or suit or action is filed against us within _____ or any extended period, all the rights of the RBI against us under this guarantee shall be forfeited and we shall be released and discharged from all our obligations and liabilities hereunder.

For and on behalf of _____ (Name of the Bank)

Signature of authorized Bank official

Name:

Designation

Stamp/ Seal of the Bank

Signed, sealed and delivered for and on behalf of the Bank by the above named in the presence of :

Witness 1

Signature

Name

Address

.....

Witness 2

Signature

Name

Address

.....

(NB: This guarantee will require stamp duty as applicable in the state, where it is executed and shall be signed by the official whose signature and authority shall be verified).

Proforma for Indemnifying the Employer Against Non-Compliance to Contract labour Rules/regulations

(On Non-Judicial Stamp Paper of appropriate value)

To

The Regional Director

Reserve Bank of India

Estate Department, Fort Glacis-16,

Rajaji Salai, P.B.No 40

Chennai-600 001

Dear Sir

NAME OF WORK: Design, Supply, Installation, Testing and Commissioning of 3 Nos. 16 Passenger Lifts in Main Office Building at Reserve Bank of India, Chennai.

We, M/s (Name of contractor), hereby undertake that we shall comply with all the statutory rules/ regulations with regard to the employment of contract labour and their payment.

We also hereby fully indemnify and keep indemnified the Employer, i.e. Reserve Bank of India, against payments to be made to the contract labour and for the observance of the laws in this regard without prejudice to our right to claim indemnity from our sub-contractors.

Yours faithfully,

For _____

Authorised signatory

NAME AND ADDRESS OF THE BIDDER

SIGN & SEAL OF THE BIDDER

Date:

Place:

Proforma for Indemnifying the Employer against Patent Rights

(On Non-Judicial Stamp Paper of appropriate value)

To

The Regional Director

Reserve Bank of India

Estate Department, Fort Glacis-16,

Rajaji Salai, P.B.No 40

Chennai-600 001

Dear Sir,

NAME OF WORK: Design, Supply, Installation, Testing and Commissioning of 3 Nos. 16 Passenger Lifts in Main Office Building at Reserve Bank of India, Chennai.

We, M/s _____ (Name of Contractor) hereby undertake to fully indemnify and keep indemnified the Employer i.e. Reserve Bank of India 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 ourselves pay any royalties, license fees etc. which may be payable in respect of any article or part thereof included in the contract or damages, cost and charges of all and every sort that may be legally incurred in respect thereof.

In the event of any claims made under or action brought against Employer in respect of any such matters as aforesaid, we shall, on being notified thereof, at our own expense, settle any dispute or conduct any litigation that may arise therefrom, provided that we shall not be liable to indemnify the Employer 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 Engineer-in-Charge in this behalf.

Yours faithfully,

For _____

Authorised signatory

NAME AND ADDRESS OF THE BIDDER

SIGN & SEAL OF THE BIDDER:

Date:

Place:

Annex 10

CURRICULUM VITAE OF KEY STAFF PROPOSED FOR THE PROJECT

(To be filled by the bidder and submitted along with Part – I)

NAME OF WORK: Design, Supply, Installation, Testing and Commissioning of 3 Nos. 16 Passenger Lifts in Main Office Building at Reserve Bank of India, Chennai.

Name of the Staff		
Designation		
Name of the firm presently employed		
Years with the firm		
Proposed position (describe degree of responsibility also)		
Details of task assigned		
Man- Months budgeted for the task assigned		
Key Qualifications (Technical and General)		
Education		
Membership in professional bodies		
Experience and Training (Relevant in the context of task assigned)		
Employment Record		
Name of the Firm	Position Held	Years of Employment

NAME AND ADDRESS OF THE BIDDER:

SIGN & SEAL OF THE BIDDER:

Date:

Place:

Performa for Undertaking / Declaration / Certificate by the Bidder regarding country sharing land border with India

To

The Regional Director

Reserve Bank of India

16, Rajaji salai

Chennai- 600 001

Sir,

Subject: Tender for Design, Supply, Installation, Testing and Commissioning of 3 Nos. of 16 Passenger Lifts in Main Office Building at Reserve Bank of India, Chennai.

I / We (Name of bidder) have read and understood the contents of the Office Memorandum (OM) F. No. 6/18/2019-PPD dated July 23, 2020 and its subsequent orders / revision issued by Public Procurement Division, Department of Expenditure, Ministry of Finance, Government of India regarding the restrictions on procurement from a bidder of a country which shares a land border with India.

2. Based on the definitions mentioned in the above referred order and its subsequent revisions regarding the bidder, I / We certify that (Name of the bidder)

is not from a country sharing land border with India, or

is from a country sharing land border with India and has been registered with the Competent Authority, the certificate of which is enclosed, or

is from a country sharing land border with India where Government of India has extended lines of credit, or

is from a country sharing land border with India where Government of India is engaged in developmental projects.

(Strikeout whichever of the above is not applicable).

3. I /We hereby certify that (Name of bidder) fulfils all requirements in this regard and is eligible to be considered under the provision of the above referred Office Memorandum and its subsequent orders / revision. I/We also undertake that I/we(Name of bidder) will not sub-contract any work to a contractor from such country unless such contractor fulfils all the requirements under the above referred office memorandum / order.

4. I have understood that, if this Undertaking / Declaration / Certificate submitted by us found to be false, Bank shall be free to terminate our tender / Work Order. Bank shall also be free to initiate any legal action in accordance with law including forfeiting of Earnest Money Deposit / Performance Bank Guarantee / Security Deposit and / or debarring us from participating in tenders invited by the Bank in future.

Signature and name of the authorized signatory of the firm with date

Undertaking / Declaration of debarment of Public Institutions

(To be submitted by tenderers on their letters head duly sealed and signed by authorised signatory)

To

The Regional Director

Reserve Bank of India

Fort Glacis, Rajaji Salai

Chennai – 600001

Dear Sir,

Subject: Tender for Design, Supply, Installation, Testing and Commissioning of 3 Nos. of 16 Passenger Lifts in Main Office Building at Reserve Bank of India, Chennai.

1. I/We certify that..... (Name of the Bidder)

have not been suspended / delisted / blacklisted/ banned or any such process initiated against the company/entity or its directors, by any Statutory Authorities/organizations including Reserve Bank of India at any location in India on any grounds for last 5 years.

do not have any proceedings pending or order passed by any Authority/Court for violation/deficiency of statutory provisions such as EPF, ESI, Bonus, Minimum Wages, or other payments for last 5 years.

have not rescinded/abandoned any contract awarded by any of our clients before the expiry of prescribed period of contract for last 5 years.

have been maintaining a clean tract record without any involvement in unlawful/ illegal activities or financial Banking frauds. We do not have any case with the Police/ Court/ Regulatory authorities against the bidder or proprietor/partners/directors in case of Proprietorship/Partnership firm/company respectively involving the above.

I/ We know and understood that, if this Undertaking / Declaration /Certificate submitted by us is found to be false, the Bank shall free to reject/ terminate our tender/ Work Order and that the Bank shall also be free to initiate any legal action in accordance with law including forfeiting of Earnest Money Deposit/ Performance Bank Guarantee/ Security Deposit and / or debarring us from participating in tenders invited by the Bank in future.

Signature and name of the authorized signatory of the Bidder with Rubber Stamp

Date:

Place:

Complaint Escalation Matrix

Sl.no	Support Level	Name	Phone no.	E-mail ID
1	Level 1			
2	Level 2			
3	Level 3			
4	Level 4			

Signature & Seal of the firm

Part-II (Un-Price Bid)
(Scheduled of Quantities)

Sr.No	Description of item	Qty.	
01	Price for Design, Supply, installation, testing and commissioning of the 16 passenger lifts with operating buttons, Automatic Rescue Device (ARD), VVVF PMSM gearless motors, with 5 stops (G+4) as per data sheet along with detailed specifications and the scope of work in Part I. Location- Reserve Bank of India Main Office Premises , Chennai	3 Nos.	Please quote the rate per unit of measurement (a) excl. of GST and the system will automatically multiply with Quantity and GST by using following formulae and shows the final amount. (a*Quantity*1.18)
02	Rebate for dismantling, buying back and taking away all equipment of old lifts on as is where is basis. (03 No's)	3 Nos	Please quote the rate per unit of measurement (a) excl. of GST and TCS and the system will automatically multiply with Quantity, GST along with TCS by using following formulae and shows the final amount (a*Quantity *1.18 *1.01)
03	Charges for Comprehensive annual maintenance contract for above mentioned lift including all spares excluding batteries for ARD and inverter, upgradation of software as required during and after defect liability period as per terms and conditions specified in tender Part I. The charges quoted shall be for first year Comprehensive AMC after expiry of DLP for one lift.	3 Nos.	Please quote the rate per unit of measurement (a) excl. of GST and the system will automatically multiply with Quantity and GST by using following formulae and shows the final amount. (a*Quantity*13.17 *1.18)
04	Grand Total= (Sl.No:01-Sl.No:02+Sl.No.03)		

Date:

Place:

Signature of the Tenderer