



## **TENDER FOR**

Ph: 080-22275664

e-mail: [hopremises@canarabank.com](mailto:hopremises@canarabank.com)

# **SUPPLY AND INSTALLATION OF 8 PASSENGER SERVICE LIFT BY DISMANTLING EXISTING OLD 8 PASSENGER SERVICE LIFT**

## **PART – I**

**(TECHNO COMMERCIAL BID)**

**GENERAL CONDITIONS,**

**SPECIAL CONDITIONS**

**&**

**TECHNICAL SPECIFICATIONS**

Cost of Tender Form: Rs 1180/= (Rupees One Thousand One Hundred Eighty Only)

**Last date for submission of Tender: 21.02.2023 at 15.00 hrs**

**THE TENDER BOX WILL BE CLOSED AT 15.00 Hrs. ON 21.02.2023**

**AND OPENED AT 16.00 Hrs. ON 21.02.2023**

**THE TENDERER SHOULD SIGN AND AFFIX THEIR**

**SIGNATURE & COMPANY SEAL IN ALL PAGES OF THE TENDER DOCUMENT**



## TENDER NOTICE

Tender issued to: M/s

Signature of issuing Authority:

**Name / Nature of the work:** SUPPLY AND INSTALLATION OF 8 PASSENGER NEW SERVICE LIFT BY DISMANTLING EXISTING 8 PASSENGER SERVICE LIFT AT CANARA BANK HEAD OFFICE BUILDING

1. Time for Completion : 5 Months from the date of issue of Work Order
2. Period of Issue of Tender Forms : From **01.02.2023** to **21.02.2023**
3. Last Date and Time For Submission of Tenders : On or before **21.02.2023** up to **03:00 PM**
4. Date / Time of Opening Of Technical Bid : On **21.02.2023** at **04:00 PM**
5. Cost of Tender Form : Rs 1180/= (Rupees One Thousand One Hundred Eighty only)
6. E. M. D : Rs 20,000/= (Rupees Twenty Thousand only)



## NOTICE INVITING TENDER

**Name of the work:**

SUPPLY AND INSTALLATION OF NEW 8 PASSENGER SERVICE LIFT BY DISMANTLING EXISTING OLD 8 PASSENGER SERVICE LIFT AT **SAHYADRI APARTMENT, MYSORE ROAD**

Sealed Tenders in two part system are invited for the new lift installation work at Canara Bank ,Sahyadri Apartment, Mysore Road, Bengaluru. The details are as follows:

1. Period of Issue of Tender Forms                               ::       From **01.02.2023** to **21.02.2023**
2. Last Date and Time For  
Submission of Tenders   ::       On or before **21.02.2023** up to **03:00 PM**
3. Date and Time of Opening Of  
Technical Bid   ::       On **21.02.2023** at **04:00 PM**
4. Cost of Tender Form   ::       Rs 1180/= (Rupees One Thousand One Hundred  
Eighty only)
5. Details of Pre-bid meeting                                       ::       Pre Bid Meeting will be held on 14.02.2023 at 3:00 PM  
at Premises & Estate Section, Head Office, JC Road
6. EMD Amount   :       Rs.20,000/- By way of Demand Draft of a  
scheduled Bank drawn in favour of 'Canara Bank  
Head Office' payable at Bengaluru.
7. Time of Completion of work                                    ::       5 Months from the date of issue of work order by  
the Bank
8. Concept of Tender    ::       The Tender concept is two envelope concept  
Envelope No (1) - Technical cum commercial Bid  
Envelope No - (2) Price Bid  
Both bids should be submitted on the same date and  
time. Both the Bids are to be put in two separate  
individual sealed & super scribed envelopes These  
two envelopes are to be put together in third sealed

single envelope and super scribed on the out side with the name of the work.

9. Submission of Tender

:: The original Tender copy issued by the Bank or downloaded Tender form from the Bank's web site should be submitted in the Sealed cover on or before **21.02.2023** up to **03:00 PM**.

Tender documents consisting of specifications, the schedule of quantities of the various works to be done and the set of terms and conditions of Contract to be complied with by the Contractor and other necessary documents which form the part of Tender can be obtained from this office between 10:00 AM and 05:00 PM on all Bank working days From **01.02.2023** to **21.02.2023** Tender documents will be issued from this office, during the hours specified above, on submission of Demand Draft of Rs1180/= drawn in the name of Canara Bank Head Office payable at Bengaluru.

Alternatively, the Tender documents consisting of above can be downloaded from our website *i.e.* [www.canarabank.com](http://www.canarabank.com) and the downloaded documents can be used for quoting the Tender. In that event, cost of the Tender form is to be submitted by means of DD of Rs 1180/= drawn in the name of Canara Bank Head Office payable at Bengaluru along with the Tender form. In case of any ambiguity/discrepancy between the downloaded Tender document and original Tender submitted in hard form, the documents placed on the website shall prevail.

Sd/-

**Asst. General Manager**

**Premises & Estate Section**

**Canara Bank Head Office**

**Bengaluru**

**PREMISES & ESTATE SECTION,  
CANARA BANK HEAD OFFICE, BENGALURU.**

**GENERAL RULES AND INSTRUCTIONS FOR THE GUIDANCE OF TENDERER**

**The Firms which are complying with the pre-qualification criteria detailed in these documents only are eligible to participate in this Tender.**

1. Sealed Tenders are invited from competent Tenderers, on behalf of the Canara Bank Head Office, Bengaluru, hereinafter known as the Bank, for the work of  
SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF 8 PASSENGER CAPACITY SERVICE ELEVATOR BY DISMANTLING THE EXISTING OLD 8 PASSENGER SERVICE ELEVATOR AT SAHYADRI APARTMENT ,MYSURU ROAD Scope of work involves complete dismantling the existing elevator, under taking the design based upon the parameters furnished and based on verification of actual site conditions, manufacture, testing at shop, supply, Installation, testing at site and commissioning the specified Elevator System, along with its allied works etc which are fully described in the scope of work and technical specifications.
2. Tender documents consisting of specifications, schedule of quantities of the various items of work to be done and the set of terms and conditions of Contract to be complied with by the Contractor whose Tender may be accepted can be purchased on the dates mentioned in the Notice Inviting Tender (NIT) between hours of 10.00 AM to 05.00 PM on all Bank Working Days on payment of DD as specified in NIT, at the office of the Asst. General Manager, Premises & Estate Section, Canara Bank Head Office at the address furnished above.
3. The site of installations: 8 Passenger service elevator at Sahyadri Apartment, Mysure Road Bengaluru.
4. The Tender concept is “TWO ENVELOPE CONCEPT” and it has to be submitted as such. Two sealed envelopes should be placed in a single sealed cover, with the name of the project super scribed on the envelope mentioning ‘Tender for Supply & Installation of 8 passenger service lift at Canara Bank Head Office building. Envelope containing Technical Bid is to be super scribed as “Technical Bid” and the envelope containing price bid should be super scribed as “Price Bid” as the case may be and submitted on or before the prescribed date and time as detailed below. The sealed Tenders are to be dropped in the Tender Box kept at the office of :

Asst. General Manager,  
Premises & Estate Section  
Canara Bank Head Office,  
112 J C Road, Bengaluru-560002.

Tenders shall dropped in the Tender Box on or before : **21.02.2023 Up to :3:00 PM**

5. The Technical bid will be opened in the said office on : **21.02.2023 at 4:00 PM**

In case, the date mentioned above happens to be a holiday, the tenders will be opened on the next working day at the same time.

The date of opening the price bid will be intimated subsequently only to such Bidders whose technical bids are found qualified as per the pre-qualification terms and conditions. The Tenderers are requested to be present during the opening of the Tender in their own interest.

6. The two envelopes are classified as,

- (1). The Technical Bid and
- (2). The Price Bid.

The first envelope super scribed as “Technical Bid “ should be submitted in a sealed envelope containing all the following details/Documents/enclosures:

- i). All the schedules of the Tender document, Tender drawings if any, Elevator layout & technical details of the proposed Elevator with its components & all other attachments.
- ii) Un priced but signed blank copy of price bid indicating only quoted / not quoted in the relevant column (Rate/Amount column). This is to ascertain that the Tenderer has quoted against all relevant items in order. **If the priced bill of quantities are enclosed in the envelope containing Technical Bid then, the Tender will be disqualified and rejected summarily.**
- iii).The technical features/brochures of the Elevator system, and such other details/data required for the technical evaluation of the entire system offered. (It is essential that any technical information considered useful should be furnished at the first instance itself in this envelope and at latter date any additional or supplementary information shall not be entertained unless it is found necessary and sought by the Bank in the form of written clarification to clear any pertinent doubts.
- iv) **EARNEST MONEY DEPOSIT (EMD)** :The Tender, (i.e. in the envelope containing the technical Bid) shall be accompanied by earnest money of Rs 20,000/= (Rupees Twenty Thousand only ) by way of Demand Draft of a Scheduled Bank issued in favour of Canara Bank Head Office and payable at Bengaluru. No interest shall be payable on the Earnest Money Deposit. Tenders without Earnest Money shall be liable for rejection.

- v) Those who have used the downloaded Tender form from the Bank's web site has to pay Tender form cost of Rs1,180/= by way of Demand Draft in favour of Canara Bank Head Office payable at Bengaluru and this Demand Draft has to be enclosed in Technical Bid.
- vi) It is the responsibility of the Tenderer to check any correction or any modifications published subsequently in Web Site and the same shall be taken into account while submitting the Tender. Tenderer shall take a printout of the Corrigendum (if any) and sign the same and should be attached to the main Tender document. Tender Documents unaccompanied by the published corrigendum will be liable for rejection. The Bank will not be responsible for any postal delays/delay in downloading of Tender document from the Internet.
- vii) If any of the conditions of the Tender are not acceptable by Tenderer, it should be specially brought out in the covering letter accompanying the Tender Document and should not be altered in the Tender documents. No deviations, whatsoever to Banks standard Tender conditions will be accepted. (Conditional Tender will not be accepted).

**SUBMISSION OF THE EMD / TENDER FORM COST IN THE PRICE BID ENVELOPE SHALL RENDER THE TENDER BEING REJECTED ON THE GROUNDS OF NON SUBMISSION OF THE EMD / TENDER COST.**

The second envelope super scribed as "Price Bid" should be sealed and submitted on the same given date and time simultaneously along with Technical Bid. Non submission of the separately sealed Price Bid along with Technical Bid shall automatically render the entire Tender being rejected. The Price Bid envelope should contain 'Price Bid' duly filled in Bill of quantities (enclosed in the Tender document) with values written in both words and figures, and as detailed elsewhere in the Tender documents.

Tender shall be only on prescribed Form which can be downloaded from the Bank's website or can be obtained from the office of ASST. GENERAL MANAGER, CANARA BANK HEAD OFFICE, BENGALURU as detailed in Notice Inviting Tender.

- 7. The time allowed for carrying out of the work shall not be exceeding the period specified in the NIT i.e. 5 Months from the date of issue of Work Order.
- 8. The building in which lift installation is to be carried out is the Sahyadri apartment having only one lift for residents.. Hence after receipt of the materials at the site complete work of dismantling the existing elevator, installation and commissioning of new elevator system must be completed within 60 days from the date of starting of dismantling of existing elevator and should not at any cost extend beyond the time limit of 60 days.

9. The Contractors should quote in figures as well as in words the rate Tendered by them. The rates quoted shall be all inclusive rates for the item of work described, including materials, labour, tools & plant, carriage & transport, supervision, overheads & profits, mobilization, all taxes, insurance and other charges whatsoever including any anticipated or un-anticipated difficulties etc. complete for proper execution of the work as per drawings and specifications and no claim whatsoever for any extra payment shall be maintainable. However the rates should be exclusive of applicable GST.
10. The Contractor, whose Tender is accepted will be required to furnish initial security deposit by way of performance guarantee for the due fulfillment of his Contract.
11. The security Deposit shall be collected and repayable as detailed in clause No.8 of the General Conditions of the Contract.
12. The EMD of the Contractor whose Tender is accepted, shall be forfeited in full in case he does not remit the Initial Security Deposit within the stipulated period or start the work by the stipulated date mentioned in the award letter. The successful Tenderer to whom the Contract is awarded will have to deposit as initial security deposit of sum equal to 2% of the value of accepted Tender Amount as detailed in clause No. 8 of the General Conditions of the Contract.
13. The acceptance of a Tender will rest with the Bank which does not bind itself to accept the lowest Tender, and reserves to itself the authority to reject any or all of the Tenders received without assigning any reason. Any Tenders in which any of the prescribed conditions are not full filled or are incomplete in any respect are liable to be rejected. The Bank reserves the right to accept the Tender in full or in part and Tenderer shall have no claim for revision of rates/ other claims if his Tender is accepted in part.
14. No corrections such as cuttings, interpolations, omissions and over-writings in the Tenders are permitted. However if any minor corrections such as cuttings, interpolations, omissions and over-writings shall be counter signed by the Tenderer.
15. The Tender for the works shall remain open for acceptance for a period of 90 days from the date of opening of Tenders. If any Tenderer withdraws his Tender before the said period or makes any modifications in the terms and conditions of the Tender which are not acceptable to the Bank, then the Bank shall, without prejudice to any other right or remedy, be at liberty to forfeit full value of the earnest money as aforesaid.
16. Further the Tenderer shall agree that until a formal agreement on stamp paper is prepared and signed, this Tender Document shall constitute a binding Contract between the Tenderer and the Bank.



17. Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their Tenders as to the nature of the site and dimensions, the means of access to the site, and obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their Tender.
18. A Tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed. Submission of a Tender by a Tenderer implies that he has read this notice and all other Contract documents and has made himself aware of the scope and specifications of the work to be done and local conditions and other factors having a bearing on the execution of the work.
19. Procedure Adopted for Tender Process:

All the competitive Tenders shall be dropped in the Tender Box on the specified date and time. On the same day or on the other specified date & time in the event of any compelling circumstances, the Tenders will be opened in the presence of the available Tenderers.
20. Both the envelopes super scribed as “ Technical Bid” and “Price Bid “ will be simultaneously accepted, but the envelope super scribed as “Technical Bid “ alone will be opened and details of EMD etc., shall be recorded, while the Price Bid shall be maintained in the safe custody of the Bank.
21. The evaluation will be based on the Pre-qualification criteria & technical specifications detailed in these documents, Tenders of the firms which meet the prequalification criteria and technical specifications will only be considered. After the above evaluation, if necessary, after discussions with the Tenderers, such of those Tenderer found technically acceptable will be short listed and their envelope containing “ Price Bid “ shall be opened on a given date and time in the presence of the short listed Tenderers with prior notice to them. The Tenderers are expected to attend the Tender opening and their inability in participating will not in any way prevent the Bank undertaking the opening of the Bids.
22. During the course of technical evaluation if found necessary the Bank may seek supplementary price bids to bring the evaluation at par and any such price Bids shall be prepared as stated in the Tender and submitted in sealed envelopes super scribing “Supplementary Price Bid for the project of “ .....”. Such supplementary price bid shall be opened simultaneously with the original price bid on the prescribed date and taken into consideration in its evaluation.
23. Voluntary submission of the supplementary price bid by the Contractor / Tenderer shall not be accepted and supplementary Bids shall be limited to the details sought for by the Bank only. Any other un-related price variations furnished in supplementary Price Bids shall not be recognized and might be liable for rejections if un due information is furnished.

24. **Comprehensive AMC (after the expiry of one year defect liability period)** is an essential part of this Tender. **The Supplier is required to provide prompt and effective after sales service, attend break down calls within the shortest possible time and carry out preventive maintenance work as per CPWD Manual.** Therefore the Tenderers / Contractors shall necessarily furnish the fair and reasonable AMC charges in the price Bid for 5 ( Five ) years after the expiry of warranty period. Quoted price of AMC will also be considered for price comparison (to decide L1) along with the cost of New Elevator and buy-back amount of existing Elevator.
25. AMC shall be Comprehensive Maintenance Contract including cost all the items/ materials /components/spare parts of the Elevator system, batteries of the ARD, periodical routine check – ups, attending to break down maintenance calls including repair/replacement of worn out items with minimum down time. Exclusions from AMC will be only electric lamps, bulbs of elevator car and ventilator fans of elevator car.
- A separate agreement for the Tendered Rates will be entered with the Tenderer for AMC after expiry of the warranty period of newly installed lift.
26. In case of other un-successful Tenderers in the technical Bid evaluation, the sealed Price bid along with EMD shall be returned treating it individually. The Bank reserves the right to accept or reject any of the offer's without assigning any reason and no dispute or negotiation will be entertained in this regard. The Bank's decision will be final in the matter.
27. The notice inviting Tender, general rules & instructions for the guidance of Tenderers shall form a part of the Contract document. The successful Tenderer/Contractor, on acceptance of his Tender by the Accepting Authority, shall, within 14 days from the stipulated date of start of the work sign on a stamp paper the Contract consisting of :-
- (a) Standard form of Agreement on stamp paper of value as specified in the statute.
  - (b) Notice inviting Tender, all the documents including Tender drawings, if any, forming the Tender as issued at the time of invitation of Tender and acceptance thereof together with any correspondence leading thereto. General conditions, Schedules leading to Technical Specification, Special Conditions, Technical Brochures in schedules submitted by the Tenderer etc., Price Bid / Schedule of quantities, Bill of Quantities.
29. The firms shall submit along with Tender the copies of all documents supporting their firm's compliance to the pre-qualification criteria. The Tenders will be evaluated based on the documents received along with Tender, and no correspondence will be entertained. The Tenders submitted by the firms without enclosing all the prescribed documents shall not be considered for evaluating their eligibility criteria. As such firms are advised to submit the required documents/information in complete shape.

30. The Bank reserves the right to modify any of the pre-qualification criteria.
31. The financial capability of the Tenderer shall be supported by copies of the audited balance sheet for the last 3 years.
32. Power of attorney as required under the rules for signing and submission of Tender documents is to be submitted along with the Tender.
33. The Tenderer to sign all the pages of the Tender document with seal of the firm at bottom right hand corner of every page of Tender document in token of acceptance of Tender conditions and for the purpose of identification. **Tenders without Seal & Signature on all the pages of the tender will be summarily rejected.**

**Asst. General Manager,  
Canara Bank Head Office,  
112, J C Road, Bengaluru**

**PRE-QUALIFICATION CRITERIA**

**(Attested Documentary proof for each item is to be furnished with Tender document)**

1. The firm shall be in the business of manufacture, installation and maintenance of Passenger Lifts for the last 15 years.
2. The firm should have satisfactorily completed the similar works, as stated below during the last 5 years ending last day of the month December 2022.
  - a) Three Similar works each costing not less than Rs 7,00,000/= ( Rupees seven Lakhs only).

OR

- b) Two Similar works each costing not less than Rs 8,00,000/= ( Rupees eight Lakhs only )

OR

- c) One similar work costing not less than Rs 12,80,000/= ( Rupees twelve Lakh eighty thousand only).

Similar work shall mean of "Supply, installation, testing and commissioning and maintenance of 10 or more than 10 passenger Elevators with Microprocessor controlled, VVVF drive works for any Central Government Department / State Government Department/ Central Public Sector undertaking buildings.

Completion Certificate issued by the officer of the client department of the rank of

Executive Engineer or equivalent will have to be furnished along with the Tender document.

The Completion Certificate along with the copy of the client's work order must clearly indicate:-

- a) The date of completion of work
  - b) Nature of work
  - c) Whether the work has been completed satisfactorily or not.
  - d) Value of completed work
3. The firm shall be C.P.W.D approved category 'A' Lift Manufacturer.
  4. The firm shall have ISO Certification.

5. Firm shall have their own maintenance/servicing set up with their office in Bengaluru with their own company trained technicians.  
Details of maintenance/service set up of the company is to be given in the format of Annexure B.
6. The Firm should be registered with Tax Authorities for Goods and Services Tax, Income Tax etc. They shall have valid PAN, GST registration numbers. The documentary proof of registration is to be enclosed with attestation.
7. Firms shall have minimum turnover of Rs 5,00,00,000/=( Rupees Five Crores only) per year in the last 3 years as on 31.03.2022. Audited balance sheet along with profit and loss statement for 3 years to be submitted. ( as on 31.03.2020, 31.03.2021, 31.03.2022)
8. Defaulter firms (Which have abandoned the awarded work halfway without completion or not executed the work after awarding of the Tender) / black listed by any Central / State Government Departments or autonomous institutions of Central/ State Governments or any Public Sector undertakings are not eligible for participation in this Tender.

**Signature of the Tenderer with seal**

## TENDER - OFFER

I/We have read and examined the Notice Inviting Tender, Schedules, Specifications, General Rules and Instructions, General Conditions of Contract, Special conditions, Schedule (Bill) of quantities in Price Bid, and all other documents referred to in the conditions of Contract and all other contents in the Tender document for the work.

I/We hereby Tender for the execution of the work specified by the Bank within the time specified at the rates specified in the attached Price Bid viz., schedule of quantities in all respects and in accordance with the specifications, designs drawings and instructions in writing referred to in the General Rules and Instructions, General Conditions of Contract and in all respects in accordance with, such conditions so far as applicable.

I/We agree to keep the Tender open for ninety days from the date of opening of Tender thereof and not to make any modifications in its terms and conditions. A sum of **Rs 20,000/-** is hereby enclosed as earnest money in form of Demand Draft for Rs ..... of ..... (Name of the issuing Schedule Bank) bearing no ..... and date .....

In the event of my / our failure to commence the work on the specified date after the award of work, I/We agree that the Bank shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely otherwise the said earnest money shall be retained by it towards security deposit to execute all the works referred to in the Tender documents upon the terms and conditions contained or referred to therein.

I/We agree that should I/We fail to deposit the full amount of initial security deposit and/or fail to commence the work specified in the above memorandum, an amount equal to the amount of the earnest money mentioned in the form of invitation of Tender shall be absolutely forfeited to the Bank and the same may at the option of the Bank be recovered without prejudice to any other right or remedy available in law, out of the deposit in so far as the same may extend in terms of the said Bond and in the event of deficiency out of any other money due to me/us under this Contract or otherwise.

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

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

Shri. \_\_\_\_\_, Partner / Proprietor / Authorised representative of the Company, is the person authorised to negotiate commercial, technical terms & conditions & sign on behalf of the firm any Agreement, Bills & receipts for this work.

I/We agree that until a formal agreement on stamp paper is prepared and signed, this Tender with your written acceptance thereof shall constitute a binding Contract between us.

***Dated the: ..... day of ..... 2023***

**Signature of Contractor**

Witness -1

Name & address:

Full Postal Address including Pin Code No.

& Telephone No.

Witness -2

Name & address:

Full Postal Address including Pin Code No.

& Telephone No.

*A C C E P T A N C E*

The above Tender (as modified by us or negotiations as provided in the letters mentioned hereunder) is accepted by me for and on behalf of the Bank for a sum of

Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_  
\_\_\_\_\_)

The letters referred to below shall also form part of this Contract agreement:

a)

b)

c)

*Dated this \_\_\_\_\_ day ..... of 2023*

For & on behalf of the Bank

Signature : \_\_\_\_\_

Designation: \_\_\_\_\_



**ANNEXURE - A**

**Format for providing Details of the Elevator Installations work executed by the Tenderer as per clause 2 of Pre-Qualification criteria**

Sl No	Location & Address of the Elevator Installation	Name and Contact Nos of the Concerned Person ( User/Owner)	Description of the Elevator	Make of the Elevator	Total Amount of the work executed	No of floors in the Building where the Elevator is provided	Year of Installation

**Signature of the Tenderer with seal**

**ANNEXURE – B**

**Details of Company Owned Servicing Set- Up in Bengaluru**

1. Name of the Company/ Organisation with Address:

2. Year of Establishment:

3. Status of the Establishment:

( Proprietary/ Partnership/ Public / Private Company) :

a) Place of Circle Office / Registered Office :

with address

Telephone No:

Fax No:

Email :

Web site (if any) :

b) Branch Office in Bengaluru with address :

Telephone No:

Fax No:

Email:

4. Name of Chief Executive at the Bengaluru Office

Telephone No:

Fax No:

Email:

5. Name of the person in – charge of Maintenance Section in Bengaluru Office:

Telephone No:

Fax No:

Email :

6. Name & Telephone/Mobile Nos. of regular maintenance persons during office hours:

7. Name & Telephone/Mobile Nos. of maintenance persons during non-office hours and on holidays in case of Emergency:

SIGNATURE AND SEAL OF THE TENDERER

## ANNEXURE – C

### FORM OF AGREEMENT

This agreement made this \_\_\_\_\_ day of the month of \_\_\_\_\_ in the year -----  
BETWEEN, Canara Bank, a body incorporated under Banking Companies (Acquisition and Transfer of undertakings) Act, 1970, having its Head Office, at 112 J.C. Road, Bangalore - 560002 (hereinafter called “the Bank”), which expression shall, unless repugnant to the context, mean and include its successors and assigns of the ONE PART and

- Shri \_\_\_\_\_ S/D/o \_\_\_\_\_  
Resident of \_\_\_\_\_ the sole proprietor of  
M/s \_\_\_\_\_ having office at the following address  
\_\_\_\_\_

- M/s. \_\_\_\_\_ the partnership firm having an administrative/principal office at \_\_\_\_\_ represented by its Managing/duly authorised partner.

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- M/s. \_\_\_\_\_ company/body corporate incorporated under the provisions of the Companies Act 1956 having its registered office at the following address \_\_\_\_\_, duly represented at \_\_\_\_\_ duly represented by its constituted and authorised Managing Director, Shri \_\_\_\_\_ and (hereinafter called the Tenderer which term shall also be called the Supplier or the Contractor ) on the other part

WHEREAS THE Employer / Bank is desirous that certain works should be designed, supplied, installed, tested & commissioned (viz supplying and installation of one 8 passenger capacity service elevator by dismantling the existing old 8 passenger service elevator) at Canara Bank Sahyadri Apartments, Mysuru Road, Bengaluru as mentioned and called for invitation to Tender and the Tender dated ----- furnished by the Tenderer for the supply, installation and performance of such works has been accepted by the Employer on the terms and conditions as set out therein and interalia others.

NOW THIS AGREEMENT WITNESSETH as follows:

1. In this agreement words and expression shall have the same meanings as are respectively assigned to them in the conditions of Contract hereinafter referred to.
2. The following documents not inconsistent with these presents shall be deemed to form and be read and construed as part of this agreement viz;
  - a) Notice inviting Tender

- b) General Rules and Instructions for the guidance of Tenderers.
  - c) The Tender Offer, Letter of Acceptance, Letters from & to the Tenderer, if any, leading to and prior to acceptance letter.
  - d) General Conditions of contract and clauses of Contract along with Annexures thereto.
  - e) Special Conditions to the Tenderers, Technical Specifications, Questionnaire, Tender drawings if any, etc.
  - f) Schedule of quantities including Prices and Tendered amount known as Price - Bid.
  - g) The details submitted in technical bid, design, and such other commitments like Annual Maintenance Charges for the period mentioned shall be part of the agreement.
  - h) Addenda and Bank Guarantees.
3. In consideration of the payments to be made by the Employer to the Tenderer, the Tenderer hereby covenants and agrees with the Employer to construct, complete and perform the works in conformity in all respects and subject to all terms and conditions/rules as mentioned in the General Conditions as also in the aforesaid documents which shall form part of this agreement.

In witness whereof the parties hereto have hereunto set their respective hands and seals the day and year first above written.

***Signed, sealed and delivered by the said Tenderer, \_\_\_\_\_***

To the Employer in the presence of:

Signature of Tenderer (with seal)

Signature of Authorised representative of the Employer / Accepting Authority.

Witness ( Signature, Name & Address ):

1).

2)

## ANNEXURE - D

### BANK GUARANTEE FORMAT

To :

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Dear Sirs,

Whereas M/s Canara Bank, a body incorporated under Banking Companies Acquisition and Transfer of undertakings) Act, 1970, having its Head Office, at 112 J.C. Road, Bangalore - 560002, hereinafter called the “Purchaser”, agrees to purchase from M/s. \_\_\_\_\_ hereinafter called the “Contractor” on the terms and conditions contained in their agreement dated ..... an advance of Rs. .... (Rupees ..... only) representing .....% of the contract value for the goods/services subject to furnishing a bank guarantee and the contractor agrees to furnish the bank guarantee.

We, ....., Bank ..... duly constituted and in existence in accordance with laws of ....., having its principal office in India at ..... and, for the purposes of this guarantee, acting through its branch, namely ....., presently situated at ....., Where claims are to be lodged and are payable, (hereinafter referred to as ..... or “Bank” which term shall mean and include, unless to repugnant to the context or meaning thereof, its successors and permitted assigns) in consideration of the contract, at the request of the contractor, do hereby guarantee and undertake to pay to the purchaser forthwith on written demand at any time up to .....(day)..... (Month)..... 2023 (Year) any money or monies not exceeding a total sum of Rs. ....(Rupees ..... only) as may be claimed by the purchaser to due from the contractor by way of refund of such advance along with applicable interest or any portion or portions thereof or otherwise as the losses and/ or damages caused to or suffered or would be caused to or suffered by purchaser by reason of default or defaults on the part of the Contractor to execute the work/supply the goods under the aforesaid Contract or for failure by the Contractor in

the observance and performance of any of the terms and conditions of the said Contract in accordance with the true intent and meaning thereof.

Notwithstanding anything to the contrary the decision of the purchaser as to whether any money is refundable by the Contractor to the Purchaser or whether the Contractor has made any such default or defaults as aforesaid and amount or amounts to which the Purchaser is entitled to by reason thereof will be binding on the Bank and the Bank shall not be entitled to ask Purchaser to establish its claim or claims under this Guarantee but shall pay the same to the Purchaser forthwith on demand without any demur, reservation, contest or protest and /or without any reference to the Contractor. Any such demand made by the Purchaser on the bank shall be conclusive and binding notwithstanding any difference between the Purchaser and the Contractor or any dispute pending before any court, Tribunal. Arbitrator or any other authority unless ..... Bank is required to act upon a specific order or injunction or any direction of any officer, tribunal or court.

This Guarantee shall expire on .....<sup>th</sup> ..... 2023 without prejudice to the Purchaser's claim or claims demanded from or otherwise notified to the Bank in writing on or before the said date.

The Bank further undertakes not to revoke this Guarantee during its currency except with the previous consent of the purchaser in writing and this Guarantee shall continue to be enforceable till the aforesaid date of its expiry or the last date of the extended period agreed upon as the case may be unless during the currency of the guarantee all the dues of the Purchaser under or by virtue of the said Contract have been duly paid and its claims satisfied or discharged or the Purchaser certified that the terms and conditions of the said Contract have been fully carried out by the Contractor and accordingly discharged the Guarantee, however in no case will this Bank guarantee be operative after .....<sup>th</sup> ..... 2023 or any extensions, if any subject to the maximum limit of the Banks liability as aforesaid, this Guarantee shall cover all claim or claims of the Purchaser against the Contractor from time to time arising out of or under the said Contract and in respect of which the Purchaser's demand or notice in writing be served on the Bank before the date of expiry of this guarantee mentioned above or of further extended period agreed upon, as the case may be.

The Bank agrees with the purchaser that the Purchaser shall have the fullest liberty without affecting in any manner the Bank's obligations under this Guarantee to extend the time of performance by the Contractor from time to time or to postpone for any time or from time to time any of the rights or powers exercisable by the Purchaser against the Contractor and either to enforce or forbear to

enforce any of the terms and conditions of the said Contract, and the Bank shall not be released from its liability for the reasons of any such extensions being granted to the Contractor or for any forbearance, act or omission on the part of the Purchaser or any other indulgence shown by the Purchaser or by any other matter of thing whatsoever which under the law relating to sureties would, but for this provision have the effect of so relieving the Bank.

The Guarantee shall not be affected by any change in the constitution of the Contractor or the Bank nor shall it be affected by any change in the constitution of the Purchaser by any amalgamation or absorption of or with the Contractor, Bank or the Purchaser, but will ensure for and be available to and enforceable by the absorbing amalgamated Company or Concern.

Please note that you may, if you so require, independently seek confirmation with ..... ( Name of the Bank with address), that this guarantee has been duly and validly issued.

Notwithstanding anything to the contrary contained herein, the liability of ..... ( Name of the Bank) under this guarantee is restricted to a maximum total amount of Rs..... (Rupees ..... only). Our guarantee shall remain in force until .....<sup>th</sup> ..... 2023. Our liability pursuant to this guarantee is conditional upon the receipt of a valid and duly executed written claim, in original, by ..... ( Name of the Bank), delivered by hand, Courier or registered post, prior to close of banking business hours on .....<sup>th</sup> .....2023, failing which all rights under this guarantee shall be forfeited and ..... ( Name of the Bank), shall stand absolutely and unequivocally discharged of all of its obligations hereunder. This guarantee shall be governed by and construed in accordance with the laws of India and competent courts in the city of .....shall have exclusive jurisdiction. Kindly return the original of this Guarantee to ..... ( Name and address of the Bank) upon the earlier of (a) its discharge by payment of claims aggregating to Rs. .... (Rupees ..... only), (b) fulfillment of the purpose for which this guarantee was issued; or (c) .....<sup>th</sup> ..... 2023. All claims under this guarantee will be made payable at .....( Name and address of the Bank)

The Bank has power to issue this Guarantee under the statute and the undersigned has full power to sign this Guarantee on behalf of the Bank.



Dated this ..... day of ..... 2023 at .....

SEAL AND SIGNATURE OF THE BANK

FULL POSTAL ADDRESS OF THE BANK

**Signature of the Tenderer with seal**

## GENERAL CONDITIONS OF CONTRACT

Except where provided for in the description of the individual items in the schedule of quantities and in the specifications and conditions laid down hereinafter and in the Drawings, the work shall be carried out as per standard specifications and under the direction of the Bank.

### **1. DEFINITIONS / INTERPRETATIONS :-**

- i). The 'Contract' means the documents forming the Tender and acceptance thereof and the agreement duly executed between the Bank and the Tenderer, together with the documents referred to therein including those conditions, the specifications, schedule of quantities, Tender agreement, designs, drawings 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.
- ii). In the Contract, the following expressions shall, unless the context otherwise requires, have the meanings, hereby respectively assigned to them :-
  - a) The 'Tenderer' or 'Supplier' or 'Contractor' shall mean the individual Kartha, or Manager of Hindu Undivided Family, firm or Company, whether incorporated or not, undertaking the works and shall include the legal heirs/representatives of such individual or the partners composing the firm and their legal heirs and successors, or company's authorised and constituted attorneys/agents and permitted assignees of such firm or company.
  - b) The 'Bank' means any officer of the Canara Bank, who is specifically authorised to enter into contracts in respect of the above works.
  - c) The 'Engineer-in-Charge' means the Senior Manager / Manager, or Officer / Engineer and/or Site Engineer who shall supervise and be in-charge of the work or any other authorised representative or person specifically deputed by the Bank wherever they are employed from time to time by the Bank.
  - d) 'Contract Price' shall mean the final accepted rates in the Price Bid hereto.
  - e) 'Date of Contract' means the 'Calendar date on which the Bank and Contractor have signed the Agreement on the Stamp Paper.
  - f) 'virtual completion' shall mean that the work/installation is complete in all respects in the opinion of the Bank and for which the completion/clearance certificate has been issued by the Engineer -in-charge and the installation is fit for usage.
  - g) "Defect Liability Period" shall mean a period of twelve months from the certified date of virtual completion letter issued by the Engineer-in-charge and accepted by the Bank.

## 2. SCOPE OF WORKS TO BE CARRIED OUT ::

2.1 The work consists of complete dismantling the existing elevator, supplying and installing the new elevator based on the Contractor's own design based on technical specifications furnished in the Tender and the inputs required by him which is to be obtained by the Contractor/Supplier himself by visiting the site, Carrying out all the engineering works required for the installation of new lift, if any, in the existing lift well, lift pit and machine room including lift entrance, Providing suitable scaffolds for erection of the lift and removing the same after the installation work is completed, Grouting of the Lift machine, controller and governor, Grouting of the landing doors sills and call buttons, Providing Control Wiring, Providing foundations for buffer-springs for the car and counter weight, Any other minor builders work involved in the erection, Obtaining suitable LICENCE for running the LIFT from concerned government departments, obtaining dismantling approval from concerned government departments to dismantle the existing lifts, transportation of dismantled items and cleaning the debris etc.

The Contractor / supplier shall be responsible for its functioning according to the design criteria and its parameters. Elevator system designed should be suitable for existing shaft and machine room dimensions and also conforming to the relevant IS Standards. Notwithstanding the details furnished in the Tender, any discrepancies shall be brought out in the technical bid highlighting the shortcomings and suggest modifications.

2.2 The work is to be carried out under the Contract shall, except as otherwise provided in these conditions, include all labour, materials, tools, plants, equipment and transport, insurance which may be required in preparation of and for and in the full and entire execution and completion of the works.

## 3. TENDERS ::

3.1 The entire set of Tender paper issued to the Tenderer should be submitted fully and also signed on the last page of respective chapter (this shall be acceptance of all the pages of the Tender and its conditions) together with initials and seal of the firm on every page. Notwithstanding this, Initials / signature in every page will indicate the acceptance of the Tender conditions by the Tenderer.

3.2 No modifications, over writing or corrections can be made in the Tender papers by the Tenderer, but he may at his option offer his comments or modifications in a separate sheet of paper attached to original Tender papers in Technical Bid.

3.3 The Tenderers should note that the Tender is strictly on item rate basis and their attention is drawn to the fact that the rates for each and every item should be correct, workable and self-supporting.

- 3.4 The works will be paid for as “measured work” on the basis of actual work done and not as “lump sum” Contract.
- 3.5 The Bank has power to add to, omit from any work as shown in the drawings or described in the specifications or included in schedule of quantities and intimate the same in writing but no addition, omission or variation shall be made by the Contractor without authorization from the Bank. No variation shall vitiate the Contract.
- 3.6 The Tenderer 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.
4. SIGNING OF CONTRACT & AGREEMENT ::
- 4.1 The Contractor shall pay for all stamps and legal expenses, incidental thereto.
5. GOVERNMENT AND LOCAL RULES ::
- 5.1 The Contractor shall conform to the provisions of all local bye-laws and acts relating to the work and to the regulations etc. of the Government and Local Authorities and of any Company whose system and design is proposed to be connected / utilised. The cost, if any, shall be deemed to have been included in his quoted rates, taking into account all liabilities and shall indemnify the Bank against such liabilities and shall defend all actions arising from such claims or liabilities.
- 5.2 The permission for existing old lift dismantling and getting lift license for new lift from CEIG is the whole and sole responsibility of the tenderer. The expenditure towards the same should also be considered will quoting the final price.
6. TAXES AND DUTIES ::
- i) The Tenderers must include in their Tendered cost all duties royalties, cess or like or any other taxes or local charges like octrai, entry tax etc. if applicable except goods and services tax which will be paid extra. No extra claim on this account will in any case be entertained. However, pursuant to the Constitution ( Forty Sixth Amendment) Act, 1982, if any further new tax, royalties cess or levy is imposed by Statute, and any Central Excise Duty by the Central Government on the Main Equipment and not on any type of sub-components or material involved in its manufacture or on installation materials like ducting, insulations, piping or electrical cabling, its switch gears etc., after the date of receipt of Tenders, and the contractor there upon necessarily and properly pays such taxes / levies the Contractor shall be reimbursed the amount so paid, provided such payments, if any, is not, in the opinion of the Bank (whose decision shall be final and binding on the Contractor) attributable to delay in

execution of work within the control of the Contractor. On account of any downward revision of such taxes / levies, the benefit shall be passed on to the Bank and shall be binding on the Contractor even without the claim by the Bank.

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 authorised representative of the Bank and / or the Engineer-in-charge and further shall furnish such other information / document as the Bank may require from time to time.

iii) The Contractor shall, within a period of 30 days of the imposition of any such further tax / levies, described above, give a written notice to the Bank that the same is given to pursuant to this condition, together with all necessary information relating thereto.

#### 7. QUANTITY OF WORK TO BE EXECUTED ::

The quantities shown in the schedule of quantities are intended to cover the entire works as per the scope of work, and therefore the Contractor is bound to complete the works at the same quoted rates in the event of quantity varying from the specified bill of quantity. But the Bank reserves the right to execute only a part or whole of the work without assigning any reason therefore.

#### 8. EARNEST MONEY, INITIAL SECURITY DEPOSIT, RETENTION MONEY & TOTAL SECURITY DEPOSIT ::

i) Earnest Money Deposit: The Tenderer will have to deposit the specified amount of earnest money as detailed in the notice inviting Tender at the time of submission of Tender. No interest will be paid on the earnest money. The earnest money of unsuccessful Tenderers will be refunded without any interest soon after the decision to award the work is taken or after the expiry of the validity period of the Tender. The earnest money of successful Tenderer will be refunded on submission of initial security deposit as per Tender Conditions.

ii) Initial Security Deposit : The successful Tenderer whose Tender is accepted shall be required to furnish by way of Initial security a sum which shall be equal to 2% (two percent) of the accepted value of the Tender, within 14 (fourteen days of the date of issue of the letter of acceptance of his Tender by way of Bank guarantee of any schedule Bank other than Canara Bank, for the duration of the Contract period including any extender period of time and defect liability period. Bank Guarantee should be in the same format as provided by the Bank (Canara Bank).

iii) Total Security Deposit & Retention Money : A sum of 3% (Three percent) of the Gross value of each interim/final bill shall be deducted as retention money.

iv) Repayment of Total Security Deposit ( TSD) : This amount will be refunded to the contractor as detailed below;

25% of the TSD will be refunded to the Contractor / Tenderer subject to following conditions:

- a) Issue of Virtual Completion Certificate by the Consultant/ Bank's engineer-in-charge or Department-in-charge.
- b) Contractor should remove all their materials, equipments, labour force etc. from the site.
- c) Contractor Should have completed all the necessary testing, complied with the inspection remarks & its rectifications if any, submission of all the required particulars, completion drawings, manual of operation & maintenance, all approvals, test certificates and such other particulars.

The remaining 75 % of the TSD shall be refunded 14 days (fourteen) days after the end of Defect Liability Period of one year provided the Contractor has satisfactorily carried out all the works and attended to all defects in accordance with conditions of the Contract. No interest is allowed on retention money. Contractor has the option to provide Bank Guarantee as per Bank's format in lieu of cash retention.

9. CONTRACTOR TO PROVIDE EVERY THING NECESSARY :

- i) The Tenderer shall take full responsibility for adequacy, suitability and safety of all the design, works and methods of design / installation.
- ii) The Bank shall on no account be responsible for the expenses incurred by the Contractor during the progress of work at site, towards any incidental expenditure like medical amenities to the workers at site, security arrangements. The Bank shall not be responsible for the safety of the workers at site either on account of the works executed by the Contractor or on account of the works executed by any other agency involved at that time.
- iii) The Bank on no account shall be responsible for storage of materials or loss or pilferage or theft either in respect of the material stored or material already billed and paid for by the Bank.
- iv) Any facilities available at site shall be utilised only with prior permission of the Bank and it should not be taken as granted for availing such services.

10 TIME OF COMPLETION, EXTENSION OF TIME ::

- i). Time of Completion :

The entire work is to be completed in all respects within the stipulated period of five months. The work shall be deemed to commence within 14 days from the date of acceptance letter/date of work order. Time is the essence of the Contract and shall be strictly observed by the Contractor. The work shall not be considered as complete until the Bank have certified in writing that the work has been virtually completed and defect liability period one year shall commence from the date of such certificate.

- ii) The building in which lift installation is to be carried out is the Sahyadri apartments ,Mysuru Road building and having only one lift for the occupants. Hence after receipt of the materials at the site

complete work of dismantling the existing elevator, installation and commissioning of new elevator system must be completed within 60 days from the date of starting of dismantling of existing elevator and should not at any cost extend beyond the time limit of 60 days.

iii). EXTENSION OF TIME ::

- (a) The time allowed for execution of the Works by the Contractor as specified or the extended time in accordance with these conditions shall be the essence of the Contract. If the Contractor commits default in the execution of the work as aforesaid, the Bank shall without prejudice to any other right or remedy available in law be at liberty to forfeit the earnest money absolutely.
- (b) Request for extension of time, to be eligible for consideration, shall be made by the Contractor to the accepting authority in writing within fourteen days of the happening of the event causing delay. The Contractor shall also, if practicable, indicate in such a request the total period for which extension is desired, overlapping period, if any, with earlier events causing delays.
- (c) In such case the authority may give a fair and reasonable extension of time for completion of work. Such extension shall be communicated to the Contractor by the Bank in writing. Non application by the Contractor for extension of time shall not be a bar for giving a fair and reasonable extension by the Bank and this shall be binding on the Contractor. However no extension of time period for installation work as specified in the clause 31 – ii) will be permitted.
- (d) The decision of the Bank for an extension of time for completion hereunder ( which decision shall be final and binding on the Contractor) shall be promulgated on completion of the work or at the conclusion of such events based on which the extension of time was sought by the Contractor, and the Bank shall then, in the event of an extension being granted, determine and declare the final completion date. The provision in clause with respect to payment of Liquidated Damages shall, in such case, be read and construed as if the extended date fixed by the Bank were substituted for and the damage shall be deducted accordingly

11. LIQUIDATED DAMAGES ::

- 11.1 If the Contractor fails to complete the work by the scheduled date of completion or within any sanctioned extended time, he will have to pay 0.5% of the accepted Tender amount per week as Liquidated Damages for each week beyond the schedule date of completion or the extended period of completion, works remaining incomplete. The maximum liquidated damages recoverable shall be 10.0 % of the accepted Tender amount.
- 11.2 The Bank shall have the right to adjust, / set-off against any sum payable to the Contractor under this or any other Contract with the Bank anywhere in India/outside India.

12. TOOLS, STORAGE OF MATERIALS, PROTECTIVE WORKS::

Storage of materials :The Contractors shall make use of existing facilities with due permission of the Bank for storage of materials at site, but watch & ward arrangements for the safety of materials shall be the responsibility of the Contractor.

13. FIXING, FASTENING OF EQUIPMENTS ::

The contractor shall not puncture the existing civil structures like beams, columns and shall not undertake any type of activity which could affect the structural stability. He shall be responsible for any damages and costs in its rectification.

14. MATERIALS, WORKMANSHIP, SAMPLES, TESTING OF MATERIALS ::

14.1 All the works specified and provided for in the specifications or which may be required to be done in order to perform and complete any part thereof shall be executed in the best and most workmanlike manner with materials of the best and approved quality of the respective kinds in accordance with the particulars contained in and implied by the specifications and as represented by the drawings or according to such other additional particulars, and instructions as may from time to time be given by the Bank during the execution of the work, and to the entire satisfaction of the Bank.

14.2 All material must be the best of their kind available and the contractors must be entirely responsible for the proper and efficient carrying out of the work. Samples of all the materials to be used must be submitted to the Bank when so directed by the Bank.

15 Labour Legislation :

- a) The Tenderer shall comply with the provisions of the Apprentices Act 1961, 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, and the Contract Labour (Regulation and Abolition) Act 1970, Provident Fund Act or the modifications thereof or any other laws relating thereto and the rules made there under from time to time.
- b) The Tenderer shall indemnify and keep indemnified the Bank against payments to be made under and for the observance of the laws aforesaid and the Contractors' Labour Regulations without prejudice to his right to claim indemnify from his sub-contractors. 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.
- c) The Tenderer shall at his own expense arrange for all the safety provisions for the safety of all workers and employees directly or indirectly employed on the work by the Tenderer or his Sub-Contractors.



d) The Tenderer shall be fully responsible at his own expenses for compliance all the labour regulations and rules to be observed by him and his sub-contractors. The Tenderer shall fully indemnify the Bank against any action by the state and/or Central Government for any default or alleged default by the Tenderer, Sub-contractor for violation of any of such rules and regulations. If, due to any default of the Tenderer or his sub-contractors, the Bank has to incur any expenditure for compliance of the rules and regulations or for any other reason connected with such default, the Bank shall be entitled to recover from the Tenderer all such expenditure in full from any payment due to the Tenderer.

16. DAMAGE TO PERSONS AND PROPERTY INSURANCE ETC. ::

16.1 Damages to persons :

The Tenderer shall be responsible for all injury to the work or to workmen, to persons, animals or things and for all damages to the structural and/or decorative part of property which may arise from the operations or neglect of himself or of any sub-contractor or of any of his or a sub-contractors employees, whether such injury or damage arise from carelessness, accident or any other cause whatsoever in any way connected with the carrying out of this Contract.

16.2 The Tenderer shall at his cost effect the insurance necessary and indemnify the Bank entirely from all responsibility in this respect. The insurance must be placed with a company approved by the Bank and must be effected jointly in the name of the Contractor and the Bank and the policy lodged with the latter. The scope of insurance is to include loss or damage to the work and workmen due to carelessness, accident including fire, earthquake, floods, all medical expenses, compensation to be borne in the event of accident etc., damage or loss to the Contract itself till this is made over a complete state. Insurance is compulsory and must be effected from the very initial stage and should cover the entire contract period till handing over of complete works. The Contractor shall also be responsible for anything which may be excluded from damage to any property arising out of incidents, negligence or defective carrying out of this Contract.

16.3 The Bank shall be at liberty and is hereby empowered to deduct the amount of any damages, compensations, costs, charges and expenses arising or occurring from or in respect of any such claim or damages from any sums due or to become due to the Contractor.

17 INSURANCE ::

a) The Contractor shall insure at his cost the works and materials covering all the items in the Tender from the time they are transported from the factory up to the time of handing over to the owner against theft, loss or damages by fire and/or earthquake, flood. The insurance must be placed with a company approved by the Bank, in the joint names of the Bank and the Contractor for such amount

and for any further sum if called to do so by the Bank and lodge receipts of premiums paid with the Bank within 21 days from the date of issue of letter of acceptance unless otherwise instructed.

- b) The Contractor in case of rebuilding or reinstatement after fire shall be entitled to extension of time for completion as the Bank may deem fit.

18. PAYMENT TERMS, ADVANCE PAYMENT & ITS RECOVERY ::

Payment Terms:

i). Payments to the Contractor will be regulated as below:

a). 50% pro-rata payment shall be made upon supply of materials at site duly supported by documents / vouchers.

b) 25% pro-rata payment shall be made upon completion of mechanical erection of elevator system on satisfaction and certificate of Engineer – in Charge of the Bank.

c). The balance 15% shall be released after successful testing, commissioning and handing over of the plant as per stipulated norms and to the satisfaction of the Engineer-in-charge i.e. after virtual completion.

(ii) All such interim payments accepted by the Contractor shall be regarded as payments by way of advances against final payment only. These shall not preclude bad, unsound and imperfect or unskilled work to be rejected, removed, taken away and reconstructed or re-erected.

iii) 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.

iv) 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/Bank 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.

19 FINAL PAYMENT :

a) The Tenderer shall submit the final bill in the same manner as specified in interim bills within one month of physical completion of the work or within 15 days of the date of the final certificate of completion furnished by the Engineer-in-Charge / Consultant whichever is earlier. No further claims shall be made by the Tenderer after submission of the final bill or on acceptance of the final payment and these shall be deemed to have been waived and extinguished.

b) The final payment is subject to deduction of Total Security Deposit to be retained during the defect liability period as described in the condition of contract under clause no 8.

20. VARIATION / DEVIATION ::

The Tendered rates shall hold good for any variations in the Tendered quantities for legitimate completion of works as per original design on account of any modification in the bill of quantities. The discretion of purchasing/finalizing the number of elevators shall remain with the Bank. As regards purchasing / finalizing the number of elevators, the decision of the Bank shall be final.

21. SUBSTITUTION ::

Should the contractor desire to substitute any materials and workmanship, He must obtain the approval of the Bank in writing for any such substitution well in advance. In respect of Materials whose makes are not specified in the Tender, specific approval of the Bank has to be obtained in writing before their usage.

22 PREPARATORY WORK FOR UTILISATION OF THE FACILITY AFTER COMPLETION:

22.1 The whole of the work will be thoroughly inspected by the Contractor and deficiencies and defects set right. On completion of such inspection the Contractor shall inform the Bank that they have completed the work and it is ready for inspection.

22.2 On completion the Contractor shall clean all the area and its surroundings, equipments etc. and will leave the entire area clean and ready for immediate usage to the satisfaction of the Bank.

23. DEFECT AFTER COMPLETION ::

23.1 The contractor shall make good at his own cost and to the satisfaction of the Bank all effects, or other faults which may appear during the defect liability period.

23.2 In case of specialised work based on the contractors own design and their standard manufacturing product incorporated in the works and in the event of the design of the system being defective or any components used found to be defective on account of manufacturing defects or otherwise forcing, any improvement thereof to be implemented or undertaken to rectify such inherent defects, notwithstanding additional cost of components or design modification, they shall be undertaken at contractor's own cost.

23.3 In default, the Bank may employ and pay other agency or persons to amend and make good such damages, losses and expenses consequent thereon or incidental thereto such expenses shall be made good and borne by the contractor failing which the same shall be recoverable from the payment due to the contractor and in the event of amount retained being insufficient, recover the balance from the contractor from the amount retained under clause no 12 together with any expenses the Bank may have incurred in connection therewith.

24. ESCALATION ::

The rate quoted shall be firm throughout the tenure of the Contract ( including extension of time, if any granted) and will not be subject to any fluctuation due to increase in cost of materials, labour, GST, octroi , etc. unless specifically provided in these documents.

25 . SUSPENSION OF WORKS ::

If the contractor persistently neglects to carry out his obligations under the contract and/or commits default in complying with 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 Bank subject to other provisions contained, the Bank may without prejudice to his any other rights or remedy against the Tenderer in respect of any delay in commencing, completing the work may serve notice in writing absolutely determine and cancel the Contract.

26. SETTLEMENT OF DISPUTES ::

It shall be an inseparable part of the contract that in matters regarding quality of materials, workmanship, removal or rejection of improper work, interpretation of the drawings and specifications, measurements of materials and/or items of work, mode of procedure and carrying out of the work, the decision of the Bank which shall be given in writing, shall be final, conclusive and binding on the Tenderer.

Upon receipt of such written instructions or decision, the Tenderer shall promptly proceed without delay to comply with such instructions or decisions. If the Employer fails to give his instructions or decision in writing within a period of two months after being requested or if the Tenderer is dissatisfied with the instructions or decision of the Employer, the Contractor may within 30 days appeal to the designated Appellant Authority of the Employer who shall afford an opportunity to the Tenderer to be heard and to offer evidence in support of his appeal. If he is dissatisfied with this decision, the Tenderer shall within a period of thirty days from receipt of the Appellant Authority of the decision shall indicate his intention to refer the dispute to Arbitration, failing which the said decision shall be final and conclusive and not referable to adjudication by the Arbitrator.

27. RIGHT TO AUDIT/TECHNICAL EXAMINATION ::

The Bank 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 even after payment of 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 Tenderer under the contract or any work claimed to have been done by him under the contract and found not to have been executed, the Tenderer shall be liable to refund the amount of over-payment and it shall be

lawful for the Bank to recover the same from him or in any other manner legally permissible and if it is found that the Tenderer 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 the Bank to the Tenderer, without any interest thereon; Provided that the Tenderer shall not be entitled to payment of any sum paid short where such payment has been agreed upon between the Bank on the one hand and the Tenderer on the other under any term of the contract permitting payment for work after assessment by the Bank

28. EXTERNAL INSPECTION & AUDIT :-

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 of the Quality Control Organisation of the Bank or any designated auditor / officials of the Bank and of the Chief Technical Examiner's Office under Central Vigilance Commission.

29. JURISDICTION:

Notwithstanding any other Court or Courts having jurisdiction to decide the questions forming subject matter of suit, any and all actions and proceedings arising out of this Contract ( including arbitration in terms thereof) shall be only in the Court of competent civil jurisdiction in this behalf at Bengaluru where this Contract is to be signed on behalf of the Bank and only the said Court shall have jurisdiction to try any such actions and /or proceedings to the exclusion of all other Courts.

**Signature of the Tenderer/ Contractor (With Seal)**

**SPECIAL CONDITIONS TO THE TENDERER**

**1.**

- 1.1. This specification shall be read in conjunction with General conditions of contract as applicable for this project.
- 1.2. The Tenderer shall visit the site and design the equipment taking into consideration the site conditions. After award of contract no claim for extra payment will be entertained. Major structural changes will not be permitted for the design of new elevator system.
- 1.3. Providing necessary scaffolding in elevator hoistway required during dismantling/ erection work of entire elevator system and carrying out all Civil/minor building work inside the Elevator pit, providing buffer springs, providing bedding to the buffer springs in the Elevator shaft and Elevator machine room, cutting walls, floors, partitions, grouting of all bolts, sills, steel members, indicator and button boxes of elevator system, structural angles, wiring work pertaining to the elevator system shall be the responsibility of the Tenderer. The successful Tenderer shall furnish all the necessary load data/ information, insert details etc, to the Bank to verify the compatibility of the design and civil alterations. The connections between elevator frame and the respective building / columns shall be provided by the Tenderer. The equipment shall be designed keeping in view the provisions of the statutory regulations and safety codes in force in the locality of installation. All such minor civil works like chipping, grouting, drilling, etc for fixing guide rails and other accessories and finishing the chased portions are to be executed by the supplier. Chasing/cutting the RCC slab projections inside the Elevator shaft and in machine room and making the surface good one is in the scope of Tenderer. Scaffolding provided for dismantling of old elevator and erection of new elevator shall be permitted to be used by other Contractors without extra cost to the Bank for providing other ancillary works such as electrical work inside the shaft, civil/ masonry works inside the lift shaft and doors , shaft painting etc which are in the Bank's scope
- 1.4 Within two weeks of placement of order, the Tenderer shall furnish the load data, insert details and other such details/ information as are necessary to carry out the alterations of foundation by the supplier for the information of the Bank.
- 1.5 The following drawing/ documents shall be submitted by the Tenderer for approval by the Bank before commencement of manufacture.
  - A. A general arrangement drawing indicating various dimensions, parameters, illumination and ventilation requirement, power requirement and characteristic of the elevator to be installed including load diagram and loadings to be taken into consideration in the machine room, elevator

- shaft and the elevator pit shall be submitted for approval of the purchaser within 2 weeks of placement of order.
- B. The electrical schematic drawings, single line diagram, control circuit diagram, technical plan diagram, cable schedule, bill of materials etc for approval by the Bank
- 1.6 The following drawings/ documents shall be submitted for records before handing over the elevator.
- i. One copy of reproducible (polyester film) along with prints of approved drawings.
  - ii. The copies of all operating manuals, maintenance schedules, lubrication charts, electrical power/control circuit diagram, specification of the equipment, oils, lubricants and other consumables. Regarding number of copies etc., refer to relevant articles.
  - iii. The copies of erection schedule and manuals, assembly erection sequence, special precautions to be followed (3 months prior to delivery).
- 1.7 The supplier shall submit test Certificates for all electrical equipment, cables, and all parts used in handling loads, wire ropes, pulleys etc.
- 1.8 The supplier shall submit relevant material test Certificates for structural steel and mechanical components such as gear boxes, couplings, pulleys, shafts, gears etc.
- 1.9 The contractor shall provide all as built/as erected Drawings general arrangement Drawing (in original tracing preferably made in 'CAD') and other details such data obtained during type and routine tests, authenticated copy of type certificate and original certificate of routine test clearly indicating the Serial Number of equipment/accessories.
- 1.10 List of preferred make of electrical and mechanical components as per list furnished in this specification shall be adhered to for bought out items.
- 1.11 The Contractor should submit Insulation Resistance Value and Earth Resistance value after completion of the work.
- 1.12 A write – up on testing facilities available in the works of Tenderer shall be furnished.
- 1.13 Rates shall also be given in the Tender for comprehensive maintenance Contract with full responsibility of carryout out repair with supply of required original spare parts to keep the elevator in fully operational condition for a minimum period of 5 years after expiry of one year of free servicing and guarantee/warranty period.
- 1.14 The Tenderer shall indicate price for supply, Installation, testing, erection and commissioning of the elevator. The quoted price shall include charges on account of taxes, duties, packing, forwarding, transport, labour charges, all overheads, all types of insurance etc. The quoted price shall remain firm and binding on the Contractor and shall not be subjected to any escalation

whatsoever on any account including IEEMA Clause for price variation during entire period of supply, installation, testing & commissioning.

1.15 Elevator shall be guaranteed for a minimum period of one year of trouble free operation after commencement of regular operation and shall include free servicing, repair and replacement of parts by the Contractor.

1.16 Workmanship and performance warranty:

Since the building is an occupied residential building without alternate elevator for used during the dismantling work, entire work of dismantling of old Elevator and installation of new Elevator has to be completed within the stipulated time with bare minimum inconvenience to the residents of the Building.

- i. The supplier shall guarantee satisfactory performance of equipment/ system as per relevant guidelines.
- ii. The guarantee shall also cover faulty design/ materials/ workmanship. All rectification or replacement under guarantee period shall be done by the supplier free of cost.
- iii. The conditions regarding guarantee of equipment shall also be governed by the relevant clauses of general commercial conditions.

1.17 Permanent, non-rusting metal tag shall be affixed to the equipment with tag number.

1.18 The Tenderer shall furnish the questionnaire as asked for in of this document, along with the Tender.

1.19 Tenderer has to prepare a Bar/Pert Chart providing the detailed program of the works to be carried out by him in the chronological order within 14 days of issue of work order.

**1.20 The permission for existing old lift dismantling and getting lift license for new lift from CEIG is the whole and sole responsibility of the tenderer. The expenditure towards the same should also be considered will quoting the final price.**

## 2.0 GENERAL

### 2.1 MECHANICAL:

2.1.1 The passenger elevator shall be of latest design having directional group collective control with or without attendant. Digital indicators and illuminated buttons shall be provided in the car and at the landings, as per technical specification. The car should be accommodated in the elevator shaft and elevator pit within the dimensions recommended by relevant standards **(in the present case, within the dimension of the existing Elevator well )**



- 2.1.2 The elevator shall be designed in accordance with the latest edition of IS:14665-2000 ( Part 2) and other relevant specifications and subject to any modifications and recruitments specified hereinafter.
- 2.1.3 All machinery or equipment included under this specification shall be equipped with safety devices and clearance to comply with recognized standards and purchaser's requirement.
- 2.1.4 Difference in levels of the car floor and landing, shall be within + or -5 mm.
- 2.1.5 The hoist shall have adjustable self-aligning hitches.
- 2.1.6 Spring buffers shall be provided as a means of stopping the car and counter weight at the extreme limits of travel.

## **2.2 ELECTRICAL:**

- 2.2.1 The scope of supply shall include all the electrical equipment/ items required for smooth and efficient operation of elevator.

### **The scope of work also includes the following:**

- a) The elevator electrics such as protective switch gear, motors, drive control panels, car operating panels, brakes, limit switches, cables, lighting of car/ cage, push buttons, emergency switch, signaling devices and other necessary equipment required for efficient operation of the elevator. A three phase 4 pole main switch of suitable capacity to cut off the entire power supply to the elevator system is to be provided by the Supplier in their control panel
- b) Complete lighting of elevator car etc.
- c) Earthing point.(earthing bus in the machine room will be provided by the Bank).
- d) All sundry erection materials required for installation and wiring of electrical equipment and for cable laying.
- e) Statutory clearances, approvals from concerned statutory authorities for dismantling of existing elevators, erection of new elevators and commissioning of new elevators is in the scope of supplier
- f) Emergency alarm wired to both ground and machine room
- g) Emergency light with maintenance free battery shall be provided
- h) Mechanical terminal limit switches
- i) Overload warning device
- j) Emergency key opening at all landing doors
- k) Fireman's switch at Ground floor
- l) Manual raising or lowering of the Elevator in case of emergency
- m) Safety gear : In the event of rope breaking or loosening the car shall be brought to rest by means of gibes on the guides
- n) Motor Protection : The motor shall be protected with circuit breaker

- o) Car light fittings, fan etc.
- p) A switch also shall be provided inside the car for the car fan apart from its automatic function Fan should automatically switch on during the car movement and switch off automatically during idle position.
- q) A button for reversing the door operation while closing shall be provided in the car operating panel
- r) Key operating switch for cutting in and out the additional equipment for  
“WITH ATTENDANT OPERATION”
- s) Up and Down scrolling indicators for indicating the direction of movement of the car
- t) The car automatically returns to the home landing after answering the last pending calls
- u) Automatic Rescue Device with necessary UPS and battery bank is to be provided in the Lift.

2.2.2 The equipment offered shall be suitable for trouble free and efficient service in the following site conditions:

- 1) Ambient temperature: 40 degree C (max).
- 2) Humidity: 100%; both not occurring simultaneously.

2.2.3 The electrical equipment shall comply with the latest revision of relevant standards and wherever such Indian Standard is not available, International codes and practices shall be followed. The equipment shall be dust and water proof.

2.2.4 Electrical equipment shall conform to latest Indian electricity rules and regulations and the statutory requirement of Government of India and the Government of Karnataka State as regards to the safety requirement, earthing and other essential provisions specified therein.

2.2.5 The power shall be made available by the Bank in the machine room at 415 V, 50 HZ ( as per BESCOM Supply voltage), 3 phases for elevator. For lighting, supply will be made available in elevator machine room at 230 V Single phase.

2.2.6 The operating voltage for control supply shall be indicated by the Tenderer

2.2.7 The minimum rating of the isolating switch and contactor shall be 100A or 125% the full load current of the drive, whichever is higher.

The switches shall be suitable for AC 23 duty. The contactor shall be suitable for AC 3 or AC 4 duty as applicable. The overload relay shall have in built single phasing protection.

2.2.8 Motors shall be microprocessor based VVVF system controlled and shall be capable of achieving desired speed and smooth running and stopping of elevators.

2.2.9 The starting of the motor shall be smooth irrespective of the load/ direction of movement. Suitable control scheme incorporating VVVF system shall be provided to achieve smooth acceleration/ deceleration.

- 2.2.10 The elevator control shall be Microprocessor based to ensure high performance with maximum efficiency of operation. The control shall be site programmable with all safety interlocks/features.
- 2.2.11 Suitable braking system shall be provided to hold the drive when it is switched off.
- 2.2.12 It shall be possible to control the elevator from inside the cabin as well as from the shaft car.
- 2.2.13 Controller shall be state of the art controller to control starting/ stopping and arrest the speed of the elevator motor and also to automatically apply brake if any of the safety devices operate or the power fails due to any cause. Door operation shall be automatic with safety interlocks.
- 2.2.14 Provision shall be made for a safety gear which shall operate in the event of free fall or over speeding of elevator car. This safety gear, while freezing the cabin mechanically to the guides, shall also interrupt the control supply through a limit switch.
- 2.2.15 The over speeding governor shall have a governor switch to interrupt the control supply in the event of over speeding.
- 2.2.16 In addition to the terminal limit switches for the final landings, pack up emergency limit switches shall be provided and shall be connected in the power circuit of the driving motor. In the event of these switches operating due to over travel, it shall be possible to operate elevator only after manually resetting the backup limit switches. For this purpose, these switches shall be installed in an accessible locations for easy manual resetting.
- 2.2.17 Additional provision shall be made for opening of the landing door in case of emergency by means of a special key. The landing doors shall be so designed that their closing and opening is not likely to injure a person.
- 2.2.18 Car and Landing doors shall be fire resistant as per the applicable Indian/ International Standards applicable to particular category of the Building.
- 2.2.19 Provision shall be made to prevent the opening of any landing door when the car is passing that zone in response to a call from another landing.
- 2.2.20 An automatic floor levelling device shall be incorporated in the elevator control to ensure levelling accuracy within the specified limits.
- 2.2.21 A reverse phase relay shall be provided in the elevator control in order to protect the elevator equipment from danger against inadvertent phase reversal in course of elevator maintenance or repair. Control supply shall be made off in case of any single phasing in the system.
- 2.2.22 There shall be a provision of initiating audible signals from inside the cabin in the event of elevators getting stuck between the landings due to break down or power failure. The source of supply for these signaling devices shall be through a suitable battery source with its own charger

- unit. A push button and a bell in the cage and a bell in the control station shall be provided along with battery. Emergency lighting fed from battery source shall also be provided in the cage.
- 2.2.23 In the event of power failure there shall be a provision to operate the elevators manually to the nearest landing. Necessary devices to release the brake and turn the traction pulley shall be built into the drive. Necessary interlocks shall be provided to cut off the control supply during manual operation. It shall not be possible to operate the elevator after resumption of power supply unless these devices are put back properly. The Elevator shall be provided with battery operated automatic rescue device to land at the nearest floor and the doors open during the power failure.
- 2.2.24 The Elevator shall be provided with battery operated automatic rescue device to land at the nearest floor and the doors open during the power failure.
- 2.2.25 Call indicators to inform the attendant, under attendant mode that the elevator car is required at a certain floor shall be provided.
- 2.2.26 Indicators to show the position of elevator car and the direction in which it is traveling shall be provided both inside the cabin and at each landing.
- 2.2.27 There shall be a provision for initiating audible and visible signals including telephone cable in the event of emergency.
- 2.2.28 Earthing of all electric equipment shall be done as per relevant BIS, latest IE rules and statutory regulation of the Government of Karnataka. Body earthing bus will be made available in the machine room by the Bank. The Contractor shall connect his earthing grid to this point.

### **3.0. PAINTING**

General service painting – This includes structures, plate works etc. After erection of the elevator at site, damaged areas shall be touched up with primer and proper Paint shall be applied. The painting of the entire duct will be done by Bank separately.

### **4.0 INSPECTION & TESTING:**

1. GENERAL: The Bidder based on the broad outline inspection procedure indicated in this Section shall finalize with Bank the detailed procedure for inspection, testing (at factory/ site) along with the schedule of time and period of individual activities.

Necessary testes either at manufacturing end or elsewhere, during any stage of manufacture as is required to be carried out in conformance with, applicable latest revision of Indian Standard or equivalent standards so as to satisfy itself with meeting the requirements, shall be done if demanded by Bank administration, in presence of the Bank Engineer or nominated representative/Consultant of the Bank, and all costs towards the same shall be borne by the Contractor/ Supplier. The right of acceptance of the rightness of the test condition, facilities, parameters, results etc., shall rest with

Bank administration. Bank shall also reserve the right to insist carrying out the tests, though already carried out earlier, in presence of its Engineers/ Nominees/Consultant. No additional cost will, however, be payable for such tests.

2. The Contractor shall submit relevant test Certificates for all electrical equipment, cables. Following are the guidelines for shop testing.
  - i. All motors to be routine tested as per IS standard
  - ii. All control panels/ MCCBS shall be routine tested as per IS standards.
3. Similar test Certificates shall be submitted in respect of items like wire ropes, chains, couplings, gears, gear boxes, rope drums, pulleys, shafts etc.
4. Contractor shall give adequate notice to the owner in regard to shop testing of major items like motors, etc. in order to enable the owner/ his consultant to witness the tests if required by the owner.
5. Work shall be carried out in accordance with prevalent/ relevant standards like Indian Electricity Act, IEE rules, Lift Act, etc. **It will be the responsibility of the firm to arrange for inspection by the concerned statutory authorities at the appropriate time, obtain necessary Certificates, dismantling approvals for old elevator, erection permission for new elevators, commissioning approvals for the new elevators and handover the same to the Bank for the record. The statutory fees will be reimbursed against production of receipt.**
6. INSPECTION AT SITE:
  - 6.1 These tests shall be carried out after erection of the elevator in plant and shall comprise of the following:
    - a) The supplier's tests.
    - b) Acceptance tests/ performance guarantee tests.
  - 6.2 After the elevators are erected all equipment and machinery shall be tested as required by the owner/ inspector in line with IS 4666. The elevator shall be run without load and the adjustments shall then be completed.
  - 6.3 All tests shall be carried out in the presence of the owner/ Inspector and any corrections found necessary shall be approved by the owner/ inspector and shall be carried out with minimum of delay. The supplier shall be responsible for producing all necessary working sketches and drawings to the approval of the owner/ inspector
  - 6.4 The elevators after erection shall be tested as follows:
    - i) Performance guarantee test:

The elevators after completion of erection shall be performance tested to meet the following acceptable limits of design parameters.

SPEED: 1.0m/sec or more with LANDING ACCURACY within + or - 5mm

In case of unit capacities and design parameters guaranteed by the Contractor are not established during the performance guarantee testing, the Bank at their discretion may reject or accept the elevator after assessing its technical suitability. The Contractor shall be given 2 months' time after commissioning for rectification to achieve the necessary design parameters, beyond which the Bank may reject the elevator.

ii) **ELECTRICAL TESTS:**

- a) Visual check for adequacy & completeness of scope of supply.
- b) Insulation test on electrical equipment wiring.
- c) Satisfactory operation of controllers, limit switches, safety devices etc.
- d) Correctness of all circuits and interlocks.
- e) Satisfactory operation of electric Elevator for all motions/ stops.

6.5 It is the responsibility of the Tenderer to arrange for inspection by the statutory authorities and to obtain commissioning approvals, certificates etc before putting the Elevator into service. Time of completion will be treated completed only after obtaining commissioning approvals and certificates from the appropriate statutory authority.

6.6 The Elevator shall be under the warranty of a minimum of 12 months from the date of handing over during which all the regular servicing /breakdowns are to be done with free of cost. Bank will not make any extra Payment.

6.7 **ACCEPTANCE TEST:**

After supplier's tests are completed, an acceptance test shall be carried out by the Bank's operator, and if accepted, the elevator shall be handed over to the Bank. After installation the certificate from CEIG (Chief Electrical Inspectorate of Government) is must stating the lift is safe for general usage. Operation & capacity tests will be conducted as specified in IS 4666 and as specified above. Insulation and other tests applicable to the electric Elevator shall be done as per relevant IS standards.

The date(s) for operation and capacity tests shall be set by the Bank/ inspector and the supplier shall be informed of the date (s) in advance. The supplier shall be represented at the tests by a qualified engineer or erection superintendent familiar with erection and commissioning of the elevator.

SIGNATURE OF THE TENDERER WITH SEAL

## TECHNICAL SPECIFICATIONS

A) **Supplier's SCOPE OF WORK:** The scope of work covers:

- a) Dismantling the entire existing old elevator machinery including all accessories in respect of existing 8 passenger service Elevator, shifting of dismantled materials and debris from the site immediately. All civil / PCC/ RCC work modifications with proper finishing of modified portions/surfaces including water curing of RCC/PCC works in the existing Elevator shaft and in machine room for the erection of new Elevators
- b) Dismantling the existing elevators, minor civil works, Design, manufacture, supply, installation, testing and commissioning and handing over of new 8 passenger lift.
- c)
- d) passenger capacity service Lift in lieu of dismantled elevator including buffer springs.
- e) To carry out minor civil work, such as chipping & making openings in slabs, grouting of foundation bolts in shaft, pit and machine room, modification and making rail bracket, fixing of hall buttons indicators and laying of sills in positions, wiring from controller to hall buttons or any other work required for smooth operation/ commissioning of lifts. All chiseling and cutting of pockets and making good. Providing Sill tracks including sill supports, supporting protection at all landings.

**B) Bank's Scope of work:**

Providing 415 Volt 3 phase and 230 Volts single phase power supply in machine room for elevator system with all necessary switch gears etc will be in the Bank's scope.

The Elevator should comprise the following.

1	Capacity :	8 Passenger (544 Kg)
2	Car Body:	Stainless steel body with hair line finish
3	Control System:	Microprocessor controlled VVVF drive
4	Door Safety	Full length Infra-Red Curtain for door operation safety
5	Car Doors & Landing Doors:	Stainless steel body with hair line finish with fire resistance capability as per applicable Indian Standards or corresponding International Standards applicable to the respective category of the Building.
6	Speed :	<b>1.0 Mtr/sec</b>

7	Annunciation:	Voice announcement system in the car to announce the position of the elevator and other emergency operations in the hoist way as the car passes or stops at floor served by the elevator.
8	Stops :	G + 3 Stops
9	Protection during power failure:	Automatic Rescue Device with battery bank is to be provided
10	Door Operation :	Power operated Automatic Center Opening Door.
11	Preferred door opening:	910 mm width.
12	Car Flooring	5 mm thick MS Checkered plate covered with Vinyl Flooring
13	Car ceiling	Metallic decorative roofing with sufficient lighting and Fan
14	Type of Elevator:	8 passenger <b><u>Gear Less Elevator</u></b> without machine room.
15	Car Operating Panel	Integral full height car operating panel, Digital car position indicator with direction arrows, with overload warning indicator, intercom facility, emergency light with battery back-up etc

The elevators shall be complete in all respects.

The scope of work shall also include the following:

- i. Supplying and erection of machine beams, hitch beams and connected cleats bolts, plates etc. that are required in the machine room and other places for the Elevator, landing door frames and doors.
- ii. All preparatory work such as scaffolding, Civil work inside the Elevator well, Elevator pit, Elevator machine room, buffer support channels, landing door frames ( if required) etc.



- iii. Dismantling the existing 8 passenger service Elevator and all civil/RCC / PCC work inside the Elevator Shaft / Elevator Machine Room required for the erection of new Elevator.
- iv. All necessary, Mechanical and electrical works connected with the Design, manufacture, supply at site, painting, testing and commissioning of the elevator inclusive of statutory approvals.
- v. Floor of the car shall be covered with 5 mm thick MS Checkered plate covered with Vinyl Flooring of approved design and shade.
- vi. Interior of the car including doors shall be of stainless steel panels with proper ventilation and illumination level to the extent of a min of 200 Lumen. Hand rails are to be provided inside the car. Hand rails should be stainless steel.
- vii. All fixtures shall be appropriately stainless steel/ powder coat painted for respective type of cars. Combined luminous hall buttons with luminous digital hall position indicators and car movement indicators at all floors.
- viii. Battery operated alarm bell and emergency light along with battery charger.
- ix. Overload warning indicator in the car in audio-visual mode.
- x. It will be Contractors responsibility to provide barricades and display adequate sign boards at respective places during Dismantling and erection process.
- xi. Contractor shall also take adequate steps to block the entrances to the Elevator shaft at various levels/ floors to prevent possible accidents.
- xii. Dismantled material shall be removed from site of work at regular intervals after notifying the Bank so as to preserve sufficient working space for erection of new elevators.
- xiii. Electric power for welding, drilling and any other work related to erection of the Elevators will be provided by the Bank in a single point at suitable location.
- xiv. Painting of the Elevator Shaft and machine room, modification of lift entrance door openings, front architrave work of landings, deepening/filling-up of elevator shaft pit and waterproofing of the Elevator pit modifications required in the machine room, Elevator shaft lighting, providing earthing point in machine room,

C TECHNICAL SPECIFICATIONS FOR 8 PASSENGER SERVICE ELEVATOR:

1	Location	SAHYADRI APARTMENT, MYSURU ROAD, BENGALURU
2	Status of Lift Well/Category of Building	Existing Lift Well, Sahyadri Apartment, Mysuru Road
4	Type of Lift	Gear less elevator without machine room
5	Quantity	One number
6	Capacity	8 passenger (544 kg)
7	Speed	1.0 mtr/sec
8	Travel	Vertical
9	No. of Floors in the building	4 Floors (G + 3 upper floor).
10	Location of machine room	Machine Room less installation
11	Floor Display chart	G, 1, 2, 3.
12	Number of Landing Entrances	4 ( G + 3 Upper Floors)
13	Number and position of Car Entrance	1 (One), in the front only.
14	Position of Lift Machinery	Directly above the lift car ceiling in the top floor.
15	Approximate size of Lift Well	1925 mm (W) x 1565 mm (D) ( approximately)
16	Power supply available at site	415 V AC 50 Hz.(as per MESCOM supply)
17	Type of Car Front Entrance Protection	Automatic power operated biparting center opening stainless steel hair line finish panel sliding doors.
18	Type of Landing Entrance Protection	Automatic power operated biparting center opening stainless steel hair line finish panel sliding doors.
19	Signals	Dynamic Car Direction Display, Digital position indicators, up/ down indicator in car and in all landings, Audio Visual over load indicator, landing call registers.
20	Type of Control	Microprocessor based simplex selective collective control with or without attendant
21	Lift Machine	<b><u>Gear less</u></b> , placed directly above the hoist way above the lift car ceiling
22	Drive	Microprocessor based variable voltage, Variable frequency (VVVF) Drive.

23	Allowable level difference between car floor and landing	+ OR –5 mm
24	Details of car body	Made out of stainless steel with hairline finish
25	Car doors	Made out of stainless steel with hairline finish.
26	Landing doors	Made out of stainless steel with hairline finish.
27	Flooring inside the Lift Car	5 mm thick MS Checkered plate covered with Vinyl Flooring
28	Car Lights and Car Ceiling	LED lights and recessed decorative S.S. Ceiling hair line finish.
29	Auto rescue device	To enable the Elevator to land at the nearest floor and open the doors automatically during power failure with suitable UPS and battery bank is to be provided.
30	Infrared Screen Sensor.	Multiple infra-red device for the door open/ door close for passenger safety during the movement of passengers in/out of the lift.
31	Travel Distance	Not more than 23 Mtrs
32	Voice Synthesizer	Automatic voice system to announce the respective floor numbers and emergency situations is to be provided.
33	Other Accessories to be provided:	<ol style="list-style-type: none"> <li>1. 38 mm dia hair line S.S Hand rail to be provided.</li> <li>2. S.S Full height COP to be provided.</li> <li>3. Door close, door open button with arrow indicator and door hold operation buttons to be provided.</li> <li>4. Emergency Alarm Button, Fireman operation, three way press and speak intercom to be provided.</li> <li>5. Ventilation fan 'ON' / 'OFF' switch with auto off when there is no calls after 120 seconds.</li> <li>6. Battery operated emergency light and alarm.</li> <li>7. Call register Signal and Vf door operator</li> </ol>

**Signature of the Tenderer with seal**

**D: TECHNICAL DATA TO BE FILLED IN BY THE TENDERER:**

1		Capacity of elevator	Kgs.	Passengers:
2		Rated speed m/s		
3		Travel		
4		No. of floors served		
5		Method of control		
6		Position of M /C Room		
7		Type of Machine.		
8		Internal size of elevator car		
9		Construction, design and finish of car body work		
		<b><i>CAR DETAILS</i></b>		
10		Number, size and type of doors with drive		
11		Car light		
12		Car fan		
13		Call indicator & position indicator in car		
14		False ceiling details		
15		Car Flooring Details		
		<b><i>ELECTRIC SUPPLY</i></b>		
16		Voltage (power)		
17		Frequency		
18		Permissible variation in voltage & frequency		
		<b><i>MOTOR DETAILS</i></b>		
19		Make		
20		Type of motor		
21		KW rating		
22		Speed		
23		Duty cycle		
24		FL Amperes		
25		Reference IS STD		
		<b><i>INDICATOR DETAILS (OVERLOAD ETC.)</i></b>		

26		Arrangements of moving the Elevator car in case of power failure	
27		Additional information if any	
28		Make ( Manufacturer ) of the Elevator:	

E) TIME SCHEDULE AND COMPLETION MILESTONE:

**The entire work of Dismantlement of existing Elevator, supply, erection and commissioning of 8 passenger new Elevator in place of old Elevators shall be completed in five months from the 14<sup>th</sup> day of award of work.**

**Signature of the Tenderer with seal**

**SCHEDULE Of BILL OF QUNATITIEES:**

**PART OF TECHNICAL BID**

(RATES ARE NOT TO BE QUOTED IN THIS SCHEDULE)

SI No	DESCRIPTION & SCOPE OF SUPPLY	Qty.	Rate	Amount.	Amount In words

<p>A 1</p>	<p>Design, Supply, installation, testing and commissioning of 8 Passenger <b>GEAR LESS</b> Elevator without machine room as per specifications and scope of works specified in the Tender Schedule for 4 stops ( G + 3 upper ).</p> <p>Installation of new Elevator includes all required civil works such as cleaning of pit, providing buffer springs beddings. and other related works, providing all civil /mechanical/ structural works(Civil &amp; steel fabrication) required for installation of new Elevator machine in machine room and inside the Elevator shaft to accommodate the new equipment, fixing of brackets, providing scaffolding, minor building works, painting, Lift Machine load hook beam to be installed, lift machine fixing beam front wall cut out to be done, lift machine fixing rear wall supporting beam, shaft whitewash, shaft lighting bulk head providing, during installation if any deviation in entrance wall, chipping to be required for cladding work, pit water proofing to be ensured dismantling the existing Elevator and removing dismantled items along with all debris from the site to a safe location/ to the location suggested by the Bank. The work shall include cost of all materials, labour, transportation, all erection /commissioning approvals from the statutory authorities.</p>		<p>Not To Be Quoted quoted Here. To be quoted only in price bid</p>	<p>Not To Be Quoted quoted Here. To be quoted only in price bid</p>	<p>Not To Be Quoted quoted Here. To be quoted only in price bid</p>
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a) Basic Price	1 No			
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A2	<p>Comprehensive maintenance charges (As per Item nos 25 and 26 on page 10 of Tender Schedule) for the above said 8 Passenger Service Elevator with full responsibility of carrying out maintenance, repair and supply of required original spare parts with all necessary materials to keep the elevator in fully operational condition for a period of 5 years after expiry of warranty period of one year from the date of handing over the Elevator. Exclusions from AMC will be only electric lamps, bulbs, electrical fixtures of elevator car, ventilator fans of elevator car,</p> <p><b>( The Rates Quoted shall be Exclusive of GST – GST will be paid extra as applicable as per prevailing rates at time of payment)</b></p>		Not To Be Quoted quoted Here. Rates To be quoted only in price bid	Not To Be Quoted quoted Here. Rates To be quoted only in price bid	Not To Be Quoted quoted Here. Rates To be quoted only in price bid
a	YEAR 1	1			
b	YEAR 2	1			
c	YEAR 3	1			
d	YEAR 4	1			
e	YEAR 5	1			
	Total of item no 4 (a + b + c + d + e)	1 No			



	<b>Total A ( total amount of item nos A1 and A2:</b>				
<b>B</b>	Credit for dismantled materials in respect of existing Elevator on as is where is basis	1 No	Not To Be Quoted here. To be quoted only in	Not To Be Quoted here. To be quoted only in	Not To Be Quoted here. To be quoted only in
<b>3</b>	<b>Grand Total ( Total A – Total B)</b>				

**SIGNATURE OF SUPPLIER WITH SEAL OF THE FIRM**

## PART – 2

### (PRICE BID )

### (Bill of Quantities)

#### TERMS OF PRICE BID

- 1) Prices quoted must be firm for the period /extended period of contract. No escalation shall be admissible in respect of any item of the contract, except in case of statutory variation in items like excise duty, works contract tax ( if applicable), which shall be reimbursed subject to submission of necessary documents.
- 2) No escalation due to IEEMA clause shall be admissible.
- 3) Price quoted must be inclusive of all items required for the entire job of design, manufacture, supply to site, erection, testing, commissioning, and handing over including ancillary items like scaffolding, civil works, all electrical items etc., and nothing extra shall be paid.
- 4) Price quoted shall cover the cost of Dismantling the existing Elevator and removing it along with all debris from the site of work. No extra payment on this amount shall be entertained/ paid. No material of the dismantled elevators shall be used in erection of new elevators.
- 5) All materials shall be insured against theft, damage, etc, from the time they are transported from the factory up to the time of handing over to the Bank. No claim in respect of any damage/ loss shall be entertained.
- 6) Watch and ward responsibility at site shall be the responsibility of the firm.
- 7) AMC RATES: With regard to AMC, the rates should be quoted **excluding GST**. Applicable GST will be paid during the course of AMC as per actual rates existing at the time of payment.
- 8) The price quoted is subject to arithmetic errors i.e. in case there is error, the individual sum total shall be considered.
- 9) THE SUPPLIER HAS TO EXECUTE AGREEMENT WITH IN 14 DAYS FROM THE DATE OF WORK ORDER ( AS PER THE FORMAT APPROVED BY THE BANK ), CONFIRMING THAT THE ELEVATORS WILL BE MAINTAINED AT THE TENDERED RATE FOR FIVE YEARS AFTER WARRANTY PERIOD.

SIGNATURE OF THE TENDERER WITH SEAL

**PRICE SCHEDULE:**

(TO BE SUBMITTED IN A SEPARATE ENVELOPE )

Sl No	DESCRIPTION & SCOPE OF SUPPLY	Qty.	Rate	Amount.	Amount In words
A 1	<p>Design, Supply, installation, testing and commissioning of 8 Passenger <b><u>GEAR LESS</u></b> Elevator without machine room as per specifications and scope of works specified in the Tender Schedule for 4 stops ( G + 3 upper ).</p> <p>Installation of new Elevator includes all required civil works such as cleaning of pit, providing buffer springs beddings. and other related works, providing all civil /mechanical/ structural works(Civil &amp; steel fabrication) required for installation of new Elevator machine in machine room and inside the Elevator shaft to accommodate the new equipment, fixing of brackets, providing scaffolding, minor building works, painting, Lift Machine load hook beam to be installed, lift machine fixing beam front wall cut out to be done, lift machine fixing rear wall supporting beam, shaft whitewash, shaft lighting bulk head providing, during installation if any deviation in entrance wall, chipping to be required for cladding work, pit water proofing to be ensured dismantling the existing Elevator and removing dismantled items along with all debris from the site to a safe location/ to the location suggested by the Bank. The work shall include cost of all materials, labour, transportation, all erection /commissioning approvals from the statutory authorities.</p>				
	a) Basic Price:	1 No			

A2	<p>Comprehensive maintenance charges (As per Item nos 25 and 26 on page 10 of Tender Schedule) for the above said 8 Passenger Service Elevator with full responsibility of carrying out maintenance, repair and supply of required original spare parts with all necessary materials to keep the elevator in fully operational condition for a period of 5 years after expiry of warranty period of one year from the date of handing over the Elevator. Exclusions from AMC will be only electric lamps, bulbs, electrical fixtures of elevator car, ventilator fans of elevator car,</p> <p><b>( The Rates Quoted shall be of Exclusive of GST – GST will be paid extra as applicable as per prevailing rates at time of payment)</b></p>				
a	YEAR 1	1			
b	YEAR 2	1			
c	YEAR 3	1			
d	YEAR 4	1			
e	YEAR 5	1			
	Total of item no 4 (a + b + c + d + e)	1 No			
	<b>Total A ( total amount of item nos A1 and A2 :</b>				
B	Credit for dismantled materials in respect of existing Elevator on as is where is basis	1 No			
3	<b>Grand Total ( Total A – Total B)</b>				

**Grand Total amount in words:**

**SIGNATURE OF SUPPLIER WITH SEAL OF THE FIRM**