

# **Volume 2 (Cover B)**

## **(Price Schedule)**

**The Superintending Engineer  
Tamil Nadu Urban Habitat Development Board,  
West Circle Coimbatore  
Selvapuram,  
Shivalaya Mahal (opp),  
Perur North, Coimbatore – 26.**

## TAMILNADU URBAN HABITAT DEVELOPMENT BOARD

**TENDER NOTICE**

Number of Pages in the Tender Schedule – **42 (Forty two)**

Number of Items in the Tender Schedule - **10 (Ten)**

Tenders will be received by the Superintending Engineer, West Circle Coimbatore, Tamil Nadu Urban Habitat Development Board, Coimbatore – 641 026 at his office upto 3.00 p.m on **09.06.2022** for the work of **“Supplying and Fixing of 1 Nos of Bed Lifts, 2 no Passenger lift and 1 Nos of Generator for the Block A2 in Construction of 504 Nos of tenements at Allikuttai Eri Scheme in Salem District under HFA - Vertical III (AHP) scheme.”**

The tender should be in the prescribed form obtainable from the Executive Engineer’s / Superintending Engineer’s Office. The tenders will be opened by the Superintending Engineer, West Circle Coimbatore at the place and on the date afore mentioned. The tenderers or their agents are expected to be present at the time of opening tenders. The tender receiving officer will on opening each tender prepare a statement of the attested and unattested corrections therein and hand it over to the tenderers concerned and initial all such corrections in the presence of the tenderer. If any of the tenderers or their agents find it inconvenient to be present at the time, then, in such a case, the tender receiving officer, will on opening the tender of the absentee tenderer make out a statement of the unattested corrections and communicated to him. The absentee tenderer shall then accept the statement of corrections without any question whatsoever.

1. Tenders must be submitted in sealed covers and should be addressed to the Superintending Engineer, West Circle Coimbatore, Tamil Nadu Urban Habitat Development Board, Coimbatore – 641 026, the name of the tenderer and the name of the work being noted on the cover.

2. If the tender is made by an individual it shall be signed with his full name and his address shall be given. If it is made by a member of the firm, it shall be signed with the Co-partnership name by a member of the firm who shall also sign his own name, and the name and address of each member of the firm shall be given. If the tender is made by a corporation, it shall be signed by a duly authorized officer, who shall produce with his tender, satisfactory evidence of his authorization. Such tendering Corporation may be required, before the contract is executed, to furnish evidence of its corporative existence.

3. Each Tenderer must also send a certificate of Income - Tax authority in the form prescribed thereof. This certificate will be valid for one year from the date of issue for all tenders during this period.

In the case of proprietary and partnership firm it will be necessary to produce the certificate aforementioned for the proprietors and each of the partners as the case may be.

If the tenderer is a registered Urban Habitat Development Board Contractor and if a certificate for the current year has already been produced by him during the calendar year in which the tender is made it will be sufficient if particulars regarding the previous occasion which the said certificate was produced are given.

Tenders received without a certificate as afore mentioned will be summarily rejected.

4. Each tender must pay, as earnest money, a sum of **Rs. 50,500/- (Rupees Fifty thousand and five hundred only)** into as per CSII within the jurisdiction of the Executive Engineer concerned to the credit of Tamil Nadu Urban Habitat Development Board under Deposit and Advance account on behalf of the Executive Engineer of the **Salem Division**, Tamil Nadu Urban Habitat Development Board and

Contractor

No of corrections

Superintending Engineer

enclose with his tender and challan endorsed accordingly. This earnest money will be refunded to the unsuccessful tenderer on application after intimation is sent of rejection of the tender or at the expiration of three months from the date of tender, whichever is earlier. This refund will be authorised by the Executive Engineer by suitable endorsement on the challan. The earnest money will be received in cash or currency notes.

The earnest money will be retained in the case of the successful tenderer and will not carry any interest. It will be dealt with as provided in the tender.

Alternatively the E.M.D to the required value will be accepted in any one of these forms.

- 1) Crossed Demand Draft from any Nationalised (or) Scheduled Bank into the Account of the Executive Engineer, Urban Habitat Development Board.
- 2) Deposit receipt of Schedule Banks:
- 3) State Government Securities, Madras State Electricity Board Loan Bonds, National Defence Certificates, at 5% Below market value or face value whichever is less will also be accepted.

5. When a tender is to be accepted, the tenderer whose tender is under consideration shall attend the Superintending Engineer's / Executive Engineer's Office before the end of the period specified by written intimation to him. If the tenderer fails to attend the Division / Circle Office before the end of the period specified, his tender will not be considered. He shall forth with upon intimation being given to him by the Superintending Engineer / Executive Engineer of acceptance of his tender make a security deposit (which will be informed later) and sign an agreement in the proper departmental form for the due fulfillment of the contract. This security deposit together with the earnest money and the amount withheld according to clause 68 of the Standard Preliminary Specification of the Tamil Nadu Detailed Standard Specifications shall be retained as security for the due fulfillment of his contract. If a cash security deposit is made by the contractor he shall follow the procedure laid down on the proceeding paragraph for payment of earnest money and such deposit will not bear interest. Failure to enter into the required agreement or to make the security deposit as defined in this paragraph shall entail forfeiture of the earnest money. The written agreement to be entered into between the contractor and the Urban Habitat Development Board shall be the foundation of the rights of both the parties and the contract shall not be deemed to be complete until the agreement has first been signed by the contractor and then by the proper officer authorised to enter into contract on behalf of Urban Habitat Development Board.

6. The tenderer shall examine closely the Tamil Nadu Detailed Standard Specifications and also the standard preliminary specifications contained therein and sign the Divisional officer copy of the Tamil Nadu Detailed Standard Specifications and its addenda volume in token of such study before submitting his tender unit rates which shall be for finished work in site. He shall also carefully study the drawings and additional specifications, and all documents which form part of the agreement to be entered into by the accepted tenderer. The Tamil Nadu Detailed Standard Specifications and other documents connected with the contract such as specifications, plans descriptive specifications sheet regarding materials etc., can be seen at any time during working hours on office days in the office of the **Superintending Engineer, Coimbatore Circle, Selvapuram, Shivalaya Mahal (opp), Perur North, Coimbatore – 26**. A copy of the set of contract documents can also be had on payment of **Rs.17,700/-** for each set, which will not be refunded on any account.

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7. The tenderer's attention is directed to the requirement for materials under the clause "Materials and Workmanship" in the "Preliminary Specification" materials conforming to the Indian Standard Specifications shall be used on the work and the tenderer shall quote his rates accordingly.

8. Every tenderer is expected, before quoting his rates to inspect the site of the proposed work. He should also inspect the quarries and satisfy himself about the quality and availability of materials. The name of quarries, kilns, etc., where from certain materials are to be obtained will be given in the descriptive specification sheet. The best class of materials to be obtained from the quarries or other source defined shall be used on the work. In every case the materials must comply with the relevant standard specification samples of materials as called for in Standard Specification, or in this tender notice, as required by the Executive Engineer in any case shall be submitted for the Executive Engineer's approval before the supply at site of work begun. If the contractor, after examination of the source of materials defined in the Descriptive Specification sheet, is of opinion the materials complying with the standard or other specification of the contract cannot be obtained in quality or sufficient from the source defined in the Descriptive Specification sheet, he shall so state clearly in this tender and state when from he intends to obtain materials subject to the approval of the Superintending Engineer / Executive Engineer.

Name of work	To be struck out if such copies are not To be issued for sale
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The Tamil Nadu Urban Habitat Development Board will not, however, after acceptance of a contract rate pay any extra charges for lead of for any, other reason, in case the contractor is found later on to have misjudged the materials available. Attention of the contractor is directed to the standard "Preliminary Specification" regarding payment of Seigniorage toll etc.,

9) The tenderer's particular attention is drawn to the sections and clauses in the Standard "Preliminary Specification" Dealing with

1. Test inspection and Rejection of Defective Materials & Work.
2. Carriage
3. Construction Plant.
4. Water and Lighting.
5. Cleaning up During Progress and for Delivery.
6. Accident
7. Delays
8. Particulars of Payment

The tenderer should closely peruse all the specification clauses which govern the rates which he is tendering.

10) A Schedule of quantities accompanies this tender notice. It shall be definitely understood that the Executive Engineers does not accept any responsibility for the correctness or completeness of this

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No of corrections

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schedule and that this schedule is liable to alternations by Omissions, Deductions or Additions at the discretion of the Executive Engineer.

Division or as set forth in the conditions of contract, the tenderer will however, have his lump - sum tender on this schedule of quantities. He should quote specific rates for each item in the schedule, and the rates should be in Rupee and Paise..... The rates should be written both in words and figures and the units in words. The tenderer should also show the total of each item and Grand total of the whole contract and quote in the tender a lump - sum for which he will undertake to do the whole work subject to the condition of the contract, such lump - sum tender shall be written legibly and free from ensures, over writings or conversations of figures. Corrections, where unavoidable should be made by crossing out, initialing, dating and re-writing.

- 11) Tenders offering a percentage deduction from or increase on the estimate amount and those not submitted in proper form or due item will be rejected. Rates or Lump -Sum amounts for items not called for shall not be included in the tender. No alternation which made by the tenderer in the contract from the conditions of contract, the drawings, specifications, or quantities accompanying the same will be recognized, and if any such alternations are made, the tender will be void.
- 12) The tender should work out his own rates without reference being made to the Public Works Department Current Schedule of Rates or to the Urban Habitat Development Board. Estimate rates which are not open for inspection by tenderers.
- 13) The price at which and the source from which certain particular materials shall be obtained by the contractor are given at the end of the schedule accompanying the tender form. Tenderers must accept the materials at these prices, and shall quote their price for finished work accordingly, Notwithstanding any subsequent change in the market value of these materials, the charges to the contractor will remain as originally entered in the written contract. No change incidental charges will be borne by Board in connection with this supply.

The attention of the tenderers is directed to the contract requirements as to the time of beginning work, the rate of progress and the dates for the completion of the whole work and its several parts. The following rate of progress and of proportionate value of work done from time to time, as indicated by the Executive Engineer's Certificates of the value of work done, will be required. Date of Commencement of this Programme will be the date on which the site (or Premises) is handed over to the Contractor.

Period after date of commencement (1)	Percentage of work completed (Based on contract lump-sum amount) (2)	Period after date of commencement (1)	Percentage of work completed (Based on contract lump-sum amount) (2)
<b>1st Month</b>	<b>Submission of G.A drawings and materials supply</b>	<b>3rd Month</b>	<b>Erection, Testing and Commissioning of Lifts</b>

- 14) No part of the contract shall be sublet without written permission of the Executive Engineer nor shall transfer be made by the power of attorney authorising others to receive payment on the contractor's behalf.

Contractor

No of corrections

Superintending Engineer

- 15) If further necessary information is required, the Executive Engineer of the Division will furnish such, but it must be clearly understood that tenders must be received in order, and according to instructions.
- 16) The Superintending Engineer / Executive Engineer reserves the right to reject any tender or all the tenders without assigning any reason there for.
- 17) Vide Separate Sheet attached.
- 18) The tenderers, who are themselves not professionally qualified or whether they undertake to employ technical men at their cost to look after, should state in clear terms whether they are professionally qualified or whether they undertake to employ technical men required by the departmental specified in the schedule below for the work. In case the selected tenderer is professionally qualified / or has undertaken to employ technical staff under him, he should see that one of the technically qualified staff is always at the site of the work during working hours personally checking all items of work and paying extra attention to such works as may demand special attention, e.g., reinforced concrete works etc.,
- 19) A tenderer submitting a quotation which the tender accepting authority considers excessive and / or indicative of the insufficient knowledge of current prices or definite attempt at profiteering will tender himself liable to be debarred permanently from tendering or for such period as the tender accepting authority may decide. The tender rates should be based on the controlled price for materials, if any, fixed by Government or the reasonable price permissible for the tenderer to charge a private purchaser under the provision of clause 8 of the Heading and Profiteering Prevention Ordinance, 1943 as amended from time to time and on similar principles in regard to labour and supervision in the construction.
- 20) The Contractor should offer employment to toddy tappers to whom he can offer employment should be mentioned in the tender and he should undertake in the agreement to offer such employment to such number.
- 21) The fact of submitting the tender implies that the tenderers have actually inspected the site of works, and have examined before tendering the nature and extent of various kinds of soil at various depths and have based their tenders on such examination by them and no future representation in this regard will be considered.
- 22) A statement giving brief particulars of equipment and resources that will be put at the disposal of the work under the following classifications should accompany the tender.
  - a) Equipment (Transport) for Materials, viz, Lorries and Carts Concrete Mixers)
  - b) Organisation : (i) Technical and (ii) Unskilled.
  - c) Resources in materials like teakwood etc., and extent to which Departmental help is required for procurement of material and transport of same.
  - d) Methods that will be adopted to speed up the work to ensure completion within or less than the time fixed for completion.
- 23) The tender of the contractor who agrees to employ the maximum number Ex-Serviceman number to be specified in the tender will receive preferential consideration. The tenderers are requested to report on this their COVERING LETTER.

Contractor

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- 24) Those who are not registered contractors should invariably attach Income - Tax Clearance Certificates with their tenders and registered contractors who had not already produced these certificates in the current year also should do so.
- 25) The Superintending Engineer / Executive Engineer reserved himself the right of allotting the different sub - works to the different contractors or to one and the same contractors as may decide after the receipt of tenders.
- 26) In the event of the work being transferred to any other Division the Executive Engineer who is in-charge of the Division having jurisdiction over the work shall be competent to exercise all the powers and privileges reserved in favour of the Board.

C.S. I) As may be specified by the Superintending Engineer / Executive Engineer

II) To be remitted in the form of Demand Draft Drawn in Favour of the Executive Engineer,  
Salem Division, Tamil Nadu Urban Habitat Development Board, Coimbatore – 26.

Contractor

No of corrections

Superintending Engineer

## **TENDER**

Date :

The Superintending Engineer / Executive Engineer  
Circle / Division

Sir,

I / We do hereby tender and, if this tender be accepted undertake to execute the following works viz., as shown in the drawing and described in the specification deposited in the office of the Superintending Engineer / Executive Engineer of .....Circle...../.....Division..... with such various by way of alteration of addition to and omission from the said works and method of payment as and when provided for in the conditions of contract for the sum of Rupees

or such other sum as may be arrived at under the clause of the Standard Preliminary Specification relating to "Payment on lump-sum basis or by final measurement unit prices."

I / We have also completed the priced list of items in schedule "A" annexed (in words and figures) for which I / We agree to execute the work when the lump-sum payment under the terms of the agreement is valid by payment on measured quantities.

I / We have hereby distinctly and expressly declare and acknowledge that, before the submission of my / our tender I / We have carefully followed the instructions in the tender notice and have read the Tamil Nadu Detailed Standard Specifications and the Preliminary Specification therein and that I / We have made such examination of the contract documents and of the plans, specifications and quantities, and of the location where the said work is to be done and such investigation of the work required to be done, and in regard to the material required to be furnished as to enable me to thoroughly understand the intention of some of the requirements, covenants, agreements, stipulations and restrictions contained with in the contract and in the said plans and specifications and distinctly agree that I / We will not hereafter make any claim or demand upon the Government based upon or arising out of any alleged misunderstanding or misconception or mistake on my / our part of the said requirements covenants, agreements, stipulations restrictions and conditions.

I/We.....being a registered S.C.B./ P.W.D.  
enclose an income-tax verification

Contractor \_\_\_\_\_ certificate in respect of (here particulars of the  
have already produced an income-tax verification  
previous on which the certificate was produced should be given) I/We enclose herewith a chalan for the  
payment of sum of Rupees.....  
.....

If / my our tender is not accepted this shall be returned to me/us on my/our application when intimations is sent to me/us of rejection or at the expiration of two months from the date of this tender whichever is earlier. If/my our tender is accepted, the earnest money shall be retained by the Government as a security for the fulfilment of the contract. If upon written intimation me/us by the Superintending Engineer / Executive Engineer Officer I/We fail to attend the said office before the end of the period specified on such intimation, the tender will not be considered and if upon intimation, being given to me/us by the Superintending Engineer / Executive Engineer of acceptance of my/our tender I/We fail to make the additional security deposit or to enter into the required agreements defined in clause 4 of the

Contractor

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tender notice, then I/We agree to the forfeiture of the earnest money. Any notice required to be served on me/us hereunder shall be sufficiently served on me/us if delivered to me/us address given herein. Such notices shall if sent by post be deemed to have been served on me/us at the time when in due course of post would be delivered at the address to which it is sent.

I / We fully understand that the written agreement to be entered into between me/us and the Board shall be the foundation of the rights of both the parties and contract shall not be deemed to be complete until the agreement has first been signed by me/us and then by the proper officer authorized to enter into contracts on behalf of Board.

I am / We are professionally qualified and my/our qualifications are given below :

Name	Qualifications

I / We will employ the following technical staff for supervision the work and will see that one of them is always at site during working hours personally checking all items of works and paying extra attention to such works as require special attention (e.g.) reinforce concrete work.

Name of members of technical staff Proposed to be employed	Qualifications

NOTE: (a) The last two clause should be scored out if the cost of the work involved is less than Rs.10,000/-.

(b) The tenders should score out the last clause or the penultimate accordingly as they are themselves professionally qualified or undertake to employ technical staff under them.

Rate of Progress

(Fill in from Tender Notice)

Extra from schedule of quantities  
(Fill in only the table from Tender Notice)

Contractor

No of corrections

Superintending Engineer

### **SPECIAL CONDITIONS**

1. The tenderer should quote his specific rates for each item both in words and in figures and furnish the total of each item and components of every work and the grand total of the whole contract, otherwise the tender will be rejected.
2. The National savings certificate produced towards Earnest Money Deposit along with the tender will be accepted only when it is pledged in favour of the Executive Engineer, Tamil Nadu Urban Habitat Development Board,
3. In the case of Fixed Deposit Receipts drawn towards EMD / ASD., the same should be discharged in the name of Executive Engineer, Chennai Special Division-I duly affixing the signature of the contractor, one on the revenue stamp and another below the revenue stamp.
4. An attendance register must be maintained at site. The site representative shall sign in the register in token of his presence proportionate penalty will be levied for the days of absence calculating from the penalty for a month.
5. As per the G.O.(Ms.) No.555, dt.17.11.1999 of PWD (G2) Department, "On evaluation of tender, it is found that if the overall quoted amount of the tender is less than 5% to 15% of the departmental value put to tender, the contractor shall pay an additional security deposit at 2% of the estimated value put to tender in addition to normal ASD. If the tender discounts exceed 15% to 20% the contractor shall pay an additional security deposit of 50% of the difference between the quoted amount and estimated amount in addition to the normal ASD. Failure to furnish the additional security deposit within 15 days from the date of receipt of acceptance order and execute the agreement shall entail cancellation of award of contract with forfeiture of EMD furnished".

### **GENERAL CONDITION FOR THE TENDER**

1. If any corrections or alternations in the specification are made in the Tender Schedule by the tenderer, such tender will be summarily rejected.
2. The successful tenderer should not assign or sublet any portion of the contract.
3. The contractor shall himself arrange for the necessary installation and supply of electricity power etc., and the water for the work. The department will not incur any expenditure on this account. The charges towards temporary connections for temporary supply of electricity and water shall also be borne by them.
4. Tenderer should thoroughly acquaint themselves with the tender notice drawings, specifications articles of agreement and conditions of contract each tender should contain not only rates but also the value of each item of work entered in a separate column. All the items being totaled in order to show the aggregate value of each tender. The rates quoted by the tenderer is expressed both in words and figures.

Contractor

No of corrections

Superintending Engineer

## 5. SPECIFICATION

'Specifications means the standard specifications of, TNPWD, highways Department and any particular specifications set out for this particular contract. In the absence of any specification issued by the Department, the specifications issued by the Bureau of Indian Standards or sound engineering practices will apply.

## 6. WORKS COMPRISED IN THE CONTRACT

This contract comprises the execution and completion of the work described or mentioned in these specifications and in the schedules here to, annexed and shown up on the drawings herein referred and all extra works, which may be ordered under the powers herein contained. The drawings, specifications, schedules etc., are to be considered as explanatory of each other and no advantage shall be taken of any omission in any of these documents

## 7. DISCREPANCIES

Should any discrepancy appear in any of the documents and drawings included in the contract, or between different parts of the same documents or any ambiguity or insufficiency of information, the contractor shall point out the same to the EXECUTIVE ENGINEER / SUPERINTENDING ENGINEER Engineer-in-charge in writing and receive his instruction, explanation or decision in the matter, before quoting the tender.

## 8. OMISSIONS

In the event of anything reasonably necessary or proper to the due and complete performance of the work (of which the Engineer shall be the sole judge) being omitted to be shown or described in the drawings, specification and schedules, the contractor shall execute and provide at the rates quoted in the Bill of Quantities all such omitted works and things as if they had been severally shown and described and according to the directions of the Engineer and to his satisfaction.

9. Reports on the financial standing of the Bidder, such as profit and loss statements and auditor's reports for the past five years

10. Bids from Joint ventures are not acceptable'

11. To qualify for a package of contracts made up of this contracts for which bids are invited in the IFB, the bidder must demonstrate having experience and resources sufficient to meet the aggregate of the qualifying criteria for the individual contracts.

Contractor

No of corrections

Superintending Engineer

- 12.. Each bidder shall submit only one bid for one contract
13. The Bidder, at the Bidder's own responsibility and risk is encouraged to visit and examine the Site of Works and its surroundings and obtain all information that may be necessary for preparing the Bid and entering into a contract for construction of the Works. The costs of visiting the Site shall be at the Bidder's own expense
14. A prospective bidder requiring any clarification of the bidding documents may notify the Executive Engineer, Tiruppur Division, in writing. The Executive Engineer, Tiruppur Division, will respond to any request for clarification which he received earlier than 15 days prior to the deadline for submission of bids.
15. The unit rates and the prices shall be quoted by the bidder entirely in Indian Rupees.
16. Bid evaluation will be based on the bid prices / negotiated price.
17. Any Bid received by the Superintending Engineer, West Circle Coimbatore, after the deadline prescribed in Clause 20 will be returned unopened to the bidder
18. Modification and Withdrawal of Bids are not accepted.
19. Negotiation is permitted.
20. The Superintending Engineer, West Circle Coimbatore, reserves the right to accept or reject any variation, deviation, or alternative offer. Variations, deviations, and alternative offers and other factors which are in excess of the requirements of the Bidding documents or otherwise result in unsolicited benefits for the Superintending Engineer, West Circle Coimbatore, shall not be taken into account in Bid evaluation.
21. Superintending Engineer, West Circle Coimbatore reserves the Right to Accept any Bid and to Reject any or all Bids
22. Mobilisation / Secured advance will not be entertained
23. Selection for qualification will be made by a Tender evaluation committee on the basis of competence of individual bidders
24. The Executive Engineer / Superintending Engineer, Tamil Nadu Urban Habitat Development Board, reserves the right to accept or reject any Bid or to reduce the scope, cancel the exercise without having to incur any cost or to assign any reason for its decision to any party whatsoever and The Executive Engineer/ Superintending

Contractor

No of corrections

Superintending Engineer

Engineer, Tamil Nadu Urban Habitat Development Board, Coimbatore decision on qualifying contractors will be final and binding on all the contractors.

25. It shall be the responsibilities of the successful contractor to undertake their own studies on soil testing and structural design before actual commencement of works. These studies should be duly certified by reputed institution like IIT/Anna University. Any lapse in the future, due to failure on account of soil testing and or (structural design) shall be total responsibility of the contractor in terms of monetary value (or) otherwise.

26. The contractor should take the responsibility to justify the suitable structural designs and any damages to physical properties due to structural failure or soil failure before handing over to the Executive Engineer and it should be borne by the contractor.

**CONDITIONS REGARDING THE SCALE AND QUALIFICATION FOR THE EMPLOYMENT OF TECHNICAL STAFF AND THE RATES OF PENALTY FOR FAILURE ON THE PART OF THE CONTRACTORS TO EMPLOY THE TECHNICAL STAFF**

**SCHEDULE**

Sl. No.	Value of contract	Qualification and No. of Technical Assistants to be employed	Penalty for the failure to employ the technical
1.	Rs.1 lakh to Rs.5 lakhs	One Diploma Holder in Electrical/Mechanical Engineering or not less than one retired Junior Engineer	Rs.2,000/- Per month
2.	Rs.5 lakhs to Rs.10 lakhs	One B.E. Electrical / Mechanical Engineering or equivalent degree holder or not less than one retired sub-divisional officer (Assistant Executive Engineer) or one diploma holder with three years experience	Rs.5,000/- Per month
3.	Rs.10 lakhs to Rs.25 lakhs	One B.E. Electrical / Mechanical Engineering or equivalent degree holder with three years experience in Electrical / Mechanical Engineering works or not less than one retired sub-divisional Officer plus one diploma holder in Electrical / Mechanical Engineering with three and five years experience respectively.	Rs.7,000/- Per month
4.	Rs.25 lakhs to Rs.50 lakhs	One B.E. Electrical / Mechanical Engineering or equivalent degree holder with three years experience or not less than one retired sub-divisional officer or (Retired Assistant Executive Engineer) plus two diploma holders in Electrical / Mechanical Engineering or two retired Junior Engineers. <b>Alternative:</b> One B.E. Electrical / Mechanical Engineering or equivalent degree holder with three years experience or not less than one retired sub-divisional officer and one more BE. Electrical / Mechanical Engineering or equivalent degree holder.	Rs.9,000/- Per month  Rs.10,000/- Per month
5.	Above Rs.50 lakhs	Three B.E. Electrical / Mechanical Engineering or equivalent degree holder with three years experience or not less than one retired sub-	Rs.15,000/- Per month

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	divisional officer and two more B.E. Electrical / Mechanical Engineering or equivalent degree holder.	
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Note: Revised tariff for levy of penalty for non employment of Technical Assistant (As per G.O.Ms. No.181 P.W.(G2) Department, Dt:16.05.03)

BR No.28, dated:05.12.2003

(i) For Diploma holder	Rs.2,000/- per month / each
(ii) For Degree holder	Rs.5,000/- per month / each

I / We fully understand that the written agreement to be entered into between me/us and the Board shall be the foundation of the rights of both the parties and contract shall not be deemed to be complete until the agreement has first been signed by me/us and then by the proper officer authorised to enter into contracts on behalf of Board.

I am / We are professionally qualified and my/our qualifications are given below :

Name	Qualifications

I / We will employ the following technical staff for supervision the work and will see that one of them is always at site during working hours personally checking all items of works and paying extra attention to such works as require special attention (e.g.) reinforce concrete work.

Name of members of technical staff proposed to be employed	Qualifications

NOTE : (a) The last two clause should be scored out if the cost of the work involved is less than Rs.10,000/-  
(b) The tenders should score out the last clause or the penultimate accordingly as they are them selves professionally qualified or undertake to employ technical staff under them.

Rate of Progress

(Fill in from Tender Notice)

Contractor

No of corrections

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Extra from schedule of quantities  
(Fill in only the table from Tender Notice)

**ARBITRATION CLAUSE**

The arbitration for fulfilling the duties set forth in the arbitration clause of the standard preliminary specification shall be

Claims upto Rs.10,000/-

Superintending Engineer,  
West Circle Coimbatore  
Tamil Nadu Urban Habitat Development Board

Claims upto Rs.50,000/-

Chief Engineer,  
Tamil Nadu Urban Habitat Development Board

Claims above Rs.50,000/-

Court of Law under jurisdiction of Chennai City

**SPECIAL CONDITION FOR GST**

1. The details of supply Goods and Services Tax are subject to GST rules applicable with effect from 01.07.2017. Any changes of GST made by the Government then and there will be applicable.
2. All the tenders should submit the GSTIN registration number at the time of tenders or at the time of submitting their invoice /Bill claim, failing which the payment will not be paid to the contractor.
3. All the tenders while quoting the rates should clearly indicate the basic rates and applicable GST separately as per GST rules which are in force.
4. The contractor should furnish the grand total which includes basic rate amount and GST amount.
5. As per Notification No.31/2017 – Central Tax (Rate) dated 13<sup>th</sup> October, 2017 the concessional rate of GST at 12% (GST at 6% SGST at 6%) is leviable for any Government contract, whether Civil or Electrical, irrespective of the GST rate applicable on purchase of goods used in the execution of Government Contract. The contractor is eligible to get refund of excess tax paid over or liable to pay tax as per Notification No.20/2017, Central Tax (Rate) dated 22.08.2017, Notification No.24/2017, Central Tax (Rate) dated 21.09.2017 and Notification No.31/2017, Central Tax (Rate) dated 13.10.2017.
6. Further, for works Contract service involving predominantly earth works (that is, constituting more than 75% of the value of the works contract) supplied to Central Government, State Government, Local Authority, Governmental Authority for Government Entity shall be taxed at 5% as per Notification No.31/2017 – Central Tax (Rate) dated 13<sup>th</sup> October, 2017 Therefore, for such contract the amount of GST is to be calculated at 5% (GST at 2.5% + SGST at 2.5% ) over and above the Basic rate.

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Superintending Engineer

### **SCHEDULE – A**

**SCHEDULE OF APPROXIMATE QUANTITIES TO ACCOMPANY THE TENDER FOR THE WORK OF Supplying and Fixing of 1 Nos of Bed Lifts, 2 no Passenger lift and 1 Nos of Generator for the Block A2 in Construction of 504 Nos of tenements at Allikuttai Eri Scheme in Salem District under HFA - Vertical III (AHP) scheme**

(A) The quantities here given are those upon which the lumpsum tender cost of the work is based. But they are subject to alternation, omissions, deductions or additions as provided for in the conditions of this contract and not necessarily shown the actual quantities of work to be done. The unit rates noted below are those governing payment for extras or deductions or omissions according to the conditions of the contract as set forth in the preliminary specifications of the detailed standard specifications and other conditions of the specification of this contract.

(B) It is to be expressly understood that the measured work is to be taken net (Not withstanding) any custom of practice to the contrary according to the actual quantities where in place and finished according to the drawings or as may be ordered from time to time by the Executive Engineer and the cost calculated by measurement or weight at the respective prices, without any additional charges for the necessary contingent works connected herewith. The rates quoted are for works in site and complete in every aspects.

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**TECHNICAL DETAILS**

1) Lift Motor	<b>Capacity</b>		<b>Make</b>	<b>Insulation Class</b>	<b>RPM</b>
2) Gear:	<b>Make</b>		<b>Ratio</b>	<b>Wheel dia</b>	
3) V3F Unit:	<b>Make</b>		<b>Model</b>	<b>Performance chart</b>	
4) ARD :	<b>Make</b>	<b>Model</b>	<b>Battery Type</b>	<b>Battery Make</b>	<b>AH</b>
5) Ropes			<b>Size</b>	<b>Make</b>	
	<b>Car</b>				
	<b>C. Weight</b>				
	<b>O.S.G.</b>				
6) Car fittings :			<b>Make</b>		
	<b>Fan 400mm</b>				
	<b>Light Fixture</b>				
7) Cables / Wires:			<b>No. of Cores</b>	<b>Make</b>	<b>Size</b>
	<b>Trailing Cable</b>				
	<b>Control wires</b>				

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8) a) Tools List :    Enclosed	
b) Spares :                Enclosed	
9) Basic Price	
E.D	
GST	
Cost of Motor	
Gear	
ARD	
VVV F	
Installation Charges	

Contractor

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**SUMMARY SCHEDULE**

(To be furnished by the Tenderers)

- |           |  |          |                 |
|-----------|--|----------|-----------------|
| <b>1.</b> | <b>Is the offer is in Conformity with the departmental, technical Specification.</b>   | <b>:</b> | <b>Yes / No</b> |
|           |  |          |                 |
| <b>2.</b> | <b>Brand name and capacity / size of components proposed to be used.</b>   | <b>:</b> |                 |
|           | <b>(a)</b>   |          |                 |
|           | <b>(b)</b>   |          |                 |
|           | <b>(c)</b>   |          |                 |
|           |  |          |                 |
| <b>3.</b> | <b>Is the tenderer agreeable for the departmental terms of payment.</b>  | <b>:</b> | <b>Yes / No</b> |
|           |  |          |                 |
| <b>4.</b> | <b>Is the tenderer agreeable to furnish 2% of the contract value as Security Deposit in the shape of NSC, Small Savings Scripts / Deposits / Accounts.</b> | <b>:</b> | <b>Yes / No</b> |
|           |  |          |                 |
| <b>5.</b> | <b>Is the tender valid for 3 months.</b>   | <b>:</b> | <b>Yes / No</b> |
|           |  |          |                 |
| <b>6.</b> | <b>Is the latest income tax clearance certificate enclosed.</b>  | <b>:</b> | <b>Yes / No</b> |

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**SUMMARY SCHEDULE**  
(To be furnished by the Tenderers)

- |     |  |   |          |
|-----|--|---|----------|
| 7.  | Is the quoted price inclusive of GST /<br>(Specify the amount of GST ) | : | Yes / No |
| 8.  | Is the quoted price inclusive of minor<br>Builder work required.       | : | Yes / No |
| 9.  | Is the quoted price inclusive of scaffolding<br>required for the work. | : | Yes / No |
| 10. | Is the quoted price firm until the<br>completion of work.              | : | Yes / No |
| 11. | Is the tenderer agreeable for the<br>departmental penalty clause.      | : | Yes / No |

**PARTICULARS TO BE FURNISHED BY THE TENDERER.**

1. Name of Tenderer with Address :

2. Name of Work :

3. Date of Tender :

4. Total value of Tender :

5. Details of EMD enclosed & its validity :

6. Registered class of the tenderer with  
Nonetary limit & Department in which  
registered (Copy of registration should  
be enclosed) :

7. Recent work executed (Name of work,  
place of work value of work should be  
mentioned) :

8. Works under execution (Name of work,  
place of work value of work should be  
mentioned) :

9. Command of labour in brief :

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10. Turn over in previous Year :

11. Whether Income Tax clearance  
Certificate enclosed. If not when  
It will be produced.

12 (I). GST Registration Number :

(II) Whether GST clearance certificate  
is enclosed. If not, when it will be  
produced. :

13. Technical Assistant Details :

I (I) Name :

(ii) Qualification (copy should be enclosed) :

(iii) Experience certificate :

II (I) Name :

(ii) Qualification (copy should be enclosed) :

(iii) Experience certificate :

(or)

(i) Name

If retired electrical Engineer, Designation :  
& date of retirement.  
(Copy to be enclosed)

14. Any other details :

Note: The consent letter from the Technical Assistant proposed to be employed  
should be obtained & enclosed with the Tender during submission of the

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Tender.

## **TENDER CONDITION**

1. The Tender should be valid for 90 days from the date of opening

### **2. SECURITY DEPOSIT:**

The successful Tenderer should furnish a Security Deposit 1% value of the contract in the form of the Demand draft/ fixed deposits in favour of the **Superintending Engineer, West Circle Coimbatore, Tamil Nadu Urban Habitat Development Board, Coimbatore – 26.**

3. The price quoted should be inclusive of the following items:

1. All the Steel items required for complete erection including Steel for Erection of Lift machinery in the Lift machine room.
  2. Sill angles and fascia plates including civil works.
  3. Minor builder Works like
    4. Cutting and making good of holes for grouting the Brackets etc. in the Lift Shaft machine room and pit.
    5. Provision of Slots for Landing Push Button and indicators etc.
    6. Concreting for the Buffer Block and machine beams.
  7. Scaffolding.
  8. Labour skilled and un-skilled.
  9. All the other items required for erection, completion and commissioning of the Lifts.
  10. Monthly free servicing and free Break down Call Service during the one year Guarantee period.
  11. The Cost of Tools Required for Maintenance.
  12. The amount of GST available at the current rates should be furnished clearly.
  13. One year Guarantee period starts from CEIG certificate ( or ) after allotment of beneficiary whichever is later.
- 4) a) The Tenderers are advised to have a free Inspection of the site before Tendering.
- b) The complete requirement of the tenderers which they considered should be done by the Department including Civil work etc., should be given in the Tender. Any piece meal requirement will not be entertained during the execution of work.
- c) The following Tests and any other Tests prescribed by the ISI should be carried out in the completed Lift installation before it is handed over. The firm will provide the necessary Test weight and all the instruments.
1. Test to determine the insulation resistance between line and earth.
  2. Test to determine proper functioning of brake system, control equipments. Door locks and all safety devices.
  3. Test to determine that the earthing of conduit switch and similar Metal works are continuous.
  4. Test to determine Lift Car raises and Lowers at rated Load.
  5. Test to determine that the Lift Car Achieves the contract speed.

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6. Test to determine that the safety gear stops the Lift Car with Rated Load. Over load tests shall be made with ropes attached and all the Electrical apparatus Operative except the over speed switch on the Governor. The Stopping distance of the Lift Car is the actual slide as observed as marking on the Guide.

#### 5) **TERMS OF PAYMENT:**

##### I **For Lift**

The payment will be made as follows:

2. 50% value of work against receipt of entire materials at site. The documents such as Gate pass etc., shall also be produced.
3. 25% value of work of the contract will be paid on completion of the erection work (i.e.) commissioning and handing over of the Lift to the Department in Satisfactory working condition.
4. 20% of value of work will be paid on the production of CEIG certificate of safety.
5. Balance 5% of the contract value will be released after the expiry of 12 months from the date of handing over to the department./ Date of allotment of beneficiaries to the tenements which ever is later.
6. The EMD and ASD paid by the tenderer will be released after the expiry of 6 months from the date of handing over to the department.

##### II **For Maintenance of Lift**

The Maintenance charges will not be paid for the 1st year.

III The Tenderer should be a manufacture of passenger Lift / Bed Lift and they should produce the manufacturers certificate issued by the Government.

#### 6 **GST:** The tenderers are requested to include the GST in their offer.

If not included in the offer then following figure should compulsorily be furnished in the offer.

- a. The GST items and their costs.
- b. Tariff value of the GST components.
- c. Percentage and amount of GST.
- d. Any statutory variation in GST will be paid etc. on proof.
- e. The Tenderer should produce documentary evidence for the quantities of GST whenever required by the Electrical Engineer.

#### 7. **GUARANTEE:**

The Generator set, control panel etc, should be guaranteed against the faulty design, material manufacture, workmanship etc, for a period of two years from the date of handing over the plant in perfect working conditions. The Guarantee should cover the replacement of defective parts and transport charged for taking the defective materials to the COMPANY / ANY / FACTORY and bringing them back to the site, should be to the account of contractor. Break down calls during the guarantee period should be attended to at free of cost.

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If ANY TIME during GUARANTEE PERIOD, if the Generator set and control panel etc is out of order for more than a month at a time, then the GUARANTEE PERIOD will be extended by the period reckoned from the date the Generator set went out of order to the date when it was re commissioned

- a. The Guarantee should cover replacement of defective parts, lubricating the parts, during the Guarantee period. Transport charges for taking the defective material to the company / Factory and bringing them back to the site should be to the account to the contractor.
- b. Necessary permits or the license if any required shall be arranged for by the tenderer and the departmental will not take any responsibility or recommendation for the permits etc.
- c. The work shall be carried out strictly in adherence to the Indian Electricity Rules, Indian Electricity acts & public works department specification.
- d. The work shall be carried out in co-operation with the occupying department
- e. Necessary drawing for the physical layout of the Generator set panel, electrical schematic line diagram, circuit diagram for the control panel and connected M.V. diagrams, should be prepared and got approved by the Chief Electrical Inspectorate to Government, Guindy, Chennai- 32. As before commissioning of the Generator set by the Tenders. .

#### 9) FREE SERVICING:

- a) The Lift should be thoroughly serviced regularly every month during the Guarantee period of 12 months. Break down Calls should be attended to immediately FREE of CHARGE during the Guarantee period. The Tenderer is capable in ensuring required after Sales Services must be stated.
- b) Firm having full fledged Service station in the city or nearby will be preferred. The location of the Service Station should be stated.

#### 10) PERIOD OF COMPLETION:

- a) The successful Tenderer should submit the G.A. Drawings **within one month** from the date of receipt of formal supply order in consulation with the undersigned and get the approval of the G.A. Drawings within one week from the date of submission of G.A. Drawings from the undersigned by specially deputing a responsible person. The correspondences by post in this regard should be totally avoided.
  - b) Materials should be supplied **within one months** from the date of approval of G.A. Drawings Erection shall be completed **within Three months** from the date of readiness of the Lift shaft and Lift machine room and work should be completed within stipulated completion period.
  - c) The extension of time if required to complete the work should be obtained by indicating the reasons for the delays and that any period not covered by the extension of time will be treated as unauthenticated calling for penal action.
  - d) Proper evidence should be produced by the firm to the satisfaction of the Superintending Engineer, whenever Force abjure conditions arise.
- 11 a) Those accepting Department terms of payment, validity, Guarantee and completion period alone needquote. Otherwise the tender will be summarily rejected.
- b) Only the tenders, complete in all respect for all items of works will be considered.
- c) Tenders received in time alone will be considered. The telegraphic offer will not be considered. The Postal Tenders, should be registered and received on or before the Last Date Fixed for receipt of Tenders in person.
- 12 As per the rules and regulations prescribed in the IS code a Fire Fighting system with the following provision,

1. Supply of Hydraulic Hose reel drum completed with 180 degree swinging type drum.

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2. Supply of Fire Hydrant valve G.M with 75mm flanged inlet and 63 mm female single instantaneous outlet complete with Lug & chain.
3. Supply of Fire hose conforming to IS:636,63mm dia,15 mtrs length with gunmetal heavy duty 63 mm pair of male and female couplings
4. Supply of Double Door Hose cabinet.
5. Supply of Gunmetal branch pipe, with male threaded nozzle of 20mm and male instantaneous inlet of 63mm dia as per IS: 903:93.
6. Supply of Fire Brigade inlet connection
7. MAP Type Stored Pressure Fire extinguisher Etc.,

### 13. INCOME TAX CLEARANCE CERTIFICATE:

The tenderers are advised to enclose a XEROX copy of the Latest Income Tax Clearance Certificate along with the Tender.

- (i) The turnover of the previous years must also be furnished.
  - (ii) Previous experience in installing the Lift if any and if so, the Capacity of the Lift with Consumers full Address and performance certificate should be furnished.
  - (iii) The Leaflets, literature of the Lift equipments should also be enclosed.
14. Printed conditions enclosed to the Tender should be scored out and initialed wherever not applicable with respect to this specific tender.
  15. Any Tender Clarification affecting the price structure after Tender opening will not considered.
  16. The Tender must be submitted in Duplicate along with the Tender Schedule duly signed.
  17. The Tenderers are requested to go through the enclosed specifications carefully and offer their as per the proposal made therein for the complete JOB. The tenders for a portion of the work will not be considered and Tenders must be in full conformity with those specifications (Without any deviation). If the Tenderers wish they might submit any number of alternative offers with complete details.
    - (1) The sealed covers must be super scribed with the Name of work Tender Number, Due date and time.
    - (2) The tenders must be submitted before 3.00 Pm on the date mentioned. The tenders will be opened by 3.15 PM on the Due Date fixed for opening the Tenders and the present of such of those Tenderers who are present at the time of opening.
  18. The Department reserves the right to reject any or all the Tenders received without assigning any reasons.
  19. The detailed of size, Weight of steel, Members such as sill projection, sill angles machine, beam, Door frames buffer support channel, facial plate etc. should be included in the main offer. If the above are necessarily required to complete the erection, according to the Tenderers design.
  20. The details of Motor as stated below must be furnished in the Tender.
    1. Type of motor (Squirrel Cage OR Slip Ring)
    2. Torque develop and H.P. rating of the motor.
    3. Starting and full load current.

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4. Method of Starting.
  5. Type of enclosure.
  6. Type of Gearing.
21. Complete description of the Architraves offered should be furnished. (if necessary)
  22. The proposed Lifts should be erected in the Lift Shaft made of R.C.C. work with brick masonry No. Self supporting structure for the Lift Shaft is needed.

**23. SCAFFOLDING:**

The Tenderers are requested to include the rate in their offer for scaffoldings required, during the time of erection.

**24. TOOLS AND SPARES:**

The Tenders must include for necessary Tools and plant that may be required for the maintenance of the plant for two years. List of Tools included must be furnished.

The offer must SEPARATELY furnish rate for spare parts that may be required for two years period, apart from guarantee period. The list of Spares that are included in the offer should also be furnished.

All the Tenderers Even must comply with the requirements if some have all-in-service facilities.

**25. ELECTRICAL WIRING:**

The Electrical works should be done as per the Latest Indian Electricity rules. They should include Bus Bar arrangements main earthing as per I.S.S and necessary switches etc.

**26. TRAINING THE DEPARTMENTAL PERSONS:**

The Tenderers should be ready to train the "Departmental persons in the operation, maintenance and fault detection in the Lift during the Erection period and Servicing periods also Tenders without this facilities are liable to be rejected.

27. The Lift offered should be confirm to the I.S.I Standard I.S. 14665 (Part I to Part V) with respect to the Car dimensions and with respect to the installation, Operation and maintenance of the Lifts and IS.4289-1967 with respect to the Lift Cables and amendment thereon.
- 28) a) All the Iron and Steel members including equipments shall be painted with 2 coats of Anti corrosive paint over one coat of Red Oxide.
12. One set of Blue print Drawings and connecting Drawings shall be framed and fixed in the machine rooms and another set should be handed over to the Divisional Office P.W.D for record.
13. The controller should be enclosed type.
14. Three sets of Electrical Wiring and Layout drawings should be furnished to the Department (Prepared as per I.E. Rules) for obtaining CEIG, approval.
15. Erection work should be carried out with full co-operation of the Occupying Department and to the entire satisfaction of the Department.

**29) GENERAL CONDITIONS:**

Unless other-wise specified the conditions put forth in the General Specification for the Electrical Works and the Special Conditions for the Electrical Works P.W II (1) and P.W. II(2) will hold good.

- 30) Any Damage of disfiguring caused by the Tender to the Building during the execution of the work should be made good at the Tenderer's cost.
- 31) The Earth bus will be provided in the machine room by the tenderer thereon the individual earth connection for the Motors and the control panels should be done by Tenderer.

**32) WORK DONE BY THE DEPARTMENT:**

The following works will be carried out by the department.

1. The Construction of machine room and the Lift Well enclosure made of R.C,C with Brick masonry with inside plastering and the Lift Pit.
2. Necessary Lighting In the Lift Well and machine room.
3. 400 / 433 V Three Phase 50 C/S A.C. Supply with Neutral shall be terminated with a main switch in the machine room to enable the firm to Tap supply, From this main switch supply should be tapped to Motors and the control panels to the Tenderer.

**33. Recovery of Dues under Revenue Act:**

Whenever any amount has to be paid by the contractor in View of Determination of the contract by virtue of clause 57.4 or any amount that may be due or may become due from the contractor under these presents and the contractor is not responding to the demands for the payments of the said amount then the Government shall entitled to recover the said amount under the provision of the Tamil Nadu Revenue Recovery Act. 1864. (Tamil Nadu Act. V. of 1864).

**34. GST Clearance Certificate.**

The tenderers are advised to enclose a Xerox copy of their latest GST clearance certificate along with the tender.

**35. Special Conditions:**

1. Tenderer should have branch office and maintenance facilities at Coimbatore.
2. The tenderer should have minimum one years experience in this field with the same type of elevators.
3. Tenderer should be the manufacturer of lift.

**CONDITIONS ERECTION/MAINTENANCE/INSPECTION/TESTING**

1.
  - I. This certificate is valid for a period of two years and shall be returned to Chief Inspector of Lifts and Escalators for renewal along with application for the purpose three months before the expiry of validity.
  - II. In the event of the holder of registration failing to get the registration renewed in the said manner before the date of expiry, the registration shall become void and fresh registration shall have to be obtained.

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2. The firm/company holding this registration can undertake the work of erections, additions or alterations of Lift.
3. The holder of this certificate of registration shall be in possession of the latest copy of Tamil Nadu Lifts and Escalators Act, 1997 and Tamil Nadu Lifts and Escalators Rules, 1997 and relevant specifications and code of practices of Bureau of Indian Standards.
4.
  - I. It shall be the responsibility of the person authorized to ensure that all materials, fittings, appliances, equipment etc used in the lift which he undertakes to erect/add/alter conform to the relevant specifications as laid down by Bureau of Indian Standards.
  - II. All the works for erection/addition/alteration of Lift undertaken by the holder of this certificate of registration shall be done as per the provisions of the Lifts and Escalators Rules and the holder there of shall be responsible for proper erection.
5. The holder of this certificate of registration
  - I. shall maintain a register of technical personnel employed by him for erection and that register shall be produced for inspection on demand by Chief Inspector of Lifts and Escalators and Inspector of Lifts and Escalators or any other person authorized by him in this behalf.
  - II. shall maintain a register of lifts erected indicating the date of commencement of completion.
  - III. The list of lifts erected as on 31st March of every year after the receipt of the approval, shall be submitted before 30th April of the year to Chief Inspector of Lifts and Escalators and Inspector of Lifts and Escalators and the Inspector of lifts of the District/Area concerned.
6. Any change in address of the place of business of the holder of this certificate of registration shall be communicated to Chief Inspector of Lifts and Escalators and Inspector of Lifts and Escalators within 2 weeks of such change. Any change of Agent or Manager, if any shall be similarly notified within 15 days of such change.
7. Permission to erect a lift or for making addition or alteration to existing lift should be arranged to be obtained from Inspector of Lifts of District concerned.
8. Before commencement of the work of erection, addition to or alteration to a Lift installation, intimation shall be given to Inspector of Lifts of concerned district within 7 days from the commencement of work.
9. On completion of the erection works completion report should be sent to the Inspector of Lifts and Escalators for obtaining the license and lifts should be commissioned only after obtaining the license.
10. A record of tests carried out during initial erection and tests carried on the lifts installation shall be recorded in a register to be maintained for the purpose by the holder of this certificate and every such report shall be produced to the Inspector of Lifts and Escalators concerned during the Inspection.
11. The holder of this certificate should mention the approval registration number with its validity in all their correspondence to this office and to any Inspector of Lifts and Escalators and only the authorized signatory shall sign in all the correspondences.
12. The holder of this certificate should depute one of his authorised Representative Engineer to be present at the time of inspection by the Inspector of Lifts and Escalators or his representative of the Lift Installation erected by him.

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13. If there is change in ownership or the name and style in which the approval is granted then the holder of the certificate shall seek fresh certificate of authorization.
14. Atleast 3 persons who are ordinarily the occupants or residents of premises in which the lift is to be installed, shall be trained by holder of this certificate of registration in respect of rescue operation in case of power failure.
15. The holder of this certificate of registration shall report the occurrence of any fatal or non-fatal accident in writing to Chief Inspector of Lifts and Escalators and the Inspector of Lifts and Escalators concerned within 24 hours of the occurrence of such accident.
16. The group Insurance Scheme/ Workman compensation policy for the employees should be kept alive.
17. No lifts or escalators erection work/Addition/Alteration work should be taken in the building or premises where in the local body approval was not obtained.
18. All the lifts/Escalator to be maintained without any break down for which AMC was executed.
19. Issue of Duplicate Copy of Certificate of Registration:
  - I. A duplicate copy of certificate of registration will be issued on the request made by the applicant in case of loss of original certificate, to the satisfaction of Chief Inspector of Lifts and Escalators.
  - II. On issue of duplicate copy of certificate, the original certificate shall be deemed to be invalid and if found shall be returned to Chief Inspector of Lifts and Escalators.
20. If the holder of this certificate is found to be guilty of negligence or incompetence or in case of breach of the provisions of the Tamil Nadu Lifts and Escalators Act, 1997 and Tamil Nadu Lifts and Escalators Rules, 1997 and the above instructions contained in this registration or for the malpractice or misconduct or misbehaviour or any other reason in public interest, the Chief Inspector of Lifts and Escalators may suspend or cancel the approval after giving show cause notice.

### **ADDITIONAL CONDITIONS FOR COMPREHENSIVE MAINTENANCE OF LIFT**

#### **1. SAFETY TESTS AND PLANNED MAINTENANCE**

1) The Tenderer should periodically examine safety devices and governor of the equipment to ensure user safety in addition the tenderer should conduct and annual no load safety test on the equipment.

Tenderer will in accordance with their terms should regularly examine, lubricate and adjust the equipment and generally carry out planned maintenance in a systematic and controlled manner using Tenderer developed techniques and expertise. The frequency of examination will depend on the type of equipment and its location.

#### **2. WORK SCHEDULE:**

All the maintenance work and service provided in this agreement are to be performed during normal working hours on normal working days. Additional costs incurred in carrying out work for emergency purpose will not be charged as extra for the overtime premium hours.

#### **3. SPECIAL CONDITION:**

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Within the agreement period Tenderer should replace the damaged or non-proper functioning of spare parts without any delay or reasons as instructions given by the departmental officers. The Non-availability of spares parts is not a acceptable reasons, Hence the tenderer should replace the spare parts without any delay.

4. REPAIR OR REPLACEMENT OF SPARE PARTS:

Repair or replace any parts detailed in the following section which in its opinion are defective. Parts will be replaced on an exchange basis under which the replaced parts become the property of the Tenderer.

Renew all wire ropes and chains (where fitted) as often as required to maintain an adequate factor of safety. To equalize the tension on all hosting ropes, repair or replace conductor cables and hoist way and machine room elevator wiring.

5. EQUIPMENT OF SPARES COVERED FOR ANNUAL MAINTENANCE :

1) Machine worm gear 2) Thrust bearings 3) Motor sheave 4) Motor bearings 5) Brake contact 6) Linings and components 7) Governor 8) Governor sheave 9) Shaft assembly 10) Bearings 11) Contacts 12) Governor jaws 13) Car and hall mechanical buttons 14) Car and hall position indicator 15) Hall lanterns 16) Car direction indicators 17) Car and landing signal fixtures 18) Deflector or secondary sheave, 19) Bearings, 20) Car 21) Counterweight guide rails 22) Buffers 23) Top and bottom limit switches 24) Governor tension sheave assembly 25) Compensating sheave assembly including rollers of gibes 26) Car counterweight guide shoes 27) Interlocks on hoist way door 28) hoist way door hangers 29) car door hanger 30) Car door contact safety shoe 31) load weighing equipment 32) Car safety mechanism 33) Switches 34) Travelling Cables 35) Controller Drive with unit 36) Hoist way and machine room equipment.

6. EXCLUSIONS OF SPARE PARTS:

Car enclosure, door panels, hung ceiling, car gates, light diffusers, light bulbs, fluorescent tubes, handrails, stators, chokes, mirrors, floor coverings, carpets, other architectural features, hoist way enclosure, hoist way gates, door frames, door, sills, batteries, security system.

7. ACCESS, LIGHTING VENTILATION :

The Tenderer representatives may be permitted to take an free and unhindered access to the equipment and the landing, lobbies and machine room associated therewith and all areas mentioned herein. In the interest of safety of equipments and its users the customer shall not direct or permit the repair, alternation, replacement or any interference with any of the equipment or any part of thereof, of any items specified herein, by any person or organization by the Tenderer.

The customer will provide the machine room with adequate lighting, cooling, moisture control, and or ventilation as may be required in the judgment of Tenderer to assist its mean in providing the work set out hereunder in enhancing the effective operation of the equipment.

**SCHEDULE 'B'**  
**LIST OF DRAWINGS**

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Serial Number	Drawing Number	Description	Remarks
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Contractor

No of corrections

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**Name of work : Supplying and Fixing of 1 Nos of Bed Lifts, 2 no Passenger lift and 1 Nos of Generator for the Block A2 in Construction of 504 Nos of tenements at Allikuttai Eri Scheme in Salem District under HFA - Vertical III (AHP) scheme**

Sl. No.	Qty.	Description of work	Rate	Unit	Amount
			( Both in figures and wording )		
1	2	3	4	5	6
<b>Basic Rate Quotated for Exclusive of GST</b>					
1		<p><b>BED LIFTS</b></p> <p>Design, Manufacture, Supply, delivery at site, installation, Testing and commissioning of 15 Passenger capacity elevator (Without Machine room) with following Specifications confirming to IS like Kone/Johnson/OTIS/Equivalent including 1 year free Comprehensive maintenance, 1 Year Guarantee for Lift, UPS, Battery and all Electrical Fittings as directed by Departmental officer.</p> <p>Number of Lifts/Type of Lift : One / Passenger</p> <p>Passenger Load / Speed : 15 Persons Machine</p> <p>Drive : I Monospace (Gearless Eco Disc) V3F drive</p> <p>Travel : 24.50 METER</p> <p>Number of floors : 7 (GROUND + 6 (UPPER FLOORS)</p>			
Contractor		No of corrections		Superintending Engineer	

Number of Landing Entrance : 7 (GROUND + 6  
(UPPER FLOORS)

Number of Position : 1 (ONE), IN FRONT  
ONLY indicator in every floor of Car Entrance

Position of Machinery : Directly above the Lift car and top of  
the Well and the machine Shall be a monoblock integrated  
shaft machine to avoid De-Coupling problems and it should  
not require gear oil change. The gear oil should be imported  
gear oil with a life span of 20 yrs and the machine shall have  
the in built break release lever for easy manual rescue.

Size of Lift Well : 2000 x 3000 ( MM WIDE  
\*MM DEPTH)

Lift Car Inside Size : 1000 x 2400 (MM WIDE  
\* MM DEPTH)

Type or Design of Lift car : Stainless Steel - Hairline  
Finish - 304 grade

Additional Car Spec :

Car Ceiling - Car Floor : Sleek ( Circular Lights ) -  
304 Grade Stainless Steel false ceiling

Car Fittings : Indirect Fluorescent Light  
& Regular

( Circular ) - 1 Fan

Type of Car Entrance : Power Operated Centre  
Opening

Contractor

No of corrections

Superintending Engineer

Protection grade - Client Choice - Sliding Door - S.S. 304

Refer Samples.

Type of Landing Entrance Door -304 Grade SS Door : Centre Opening Sliding

Type of landing Frame frame -Choice : Powder Coated M.S

Additional Door Spece :

Clear opening of Gates / Doors : 900 x 2000 ( MM Wide \* MM Height )

Type of Control System : Microprocessor Based Simplex Selective Collective Control with / without Attendent

Electric Supply : AC 400 / 440 VOLTS, 3 PHASE, 50 CYCLES

Special Inclusions :

\* Digital Position Indicator In Car and Landings and auto / attender key, door

\* open / close button

\* Battery Operated Emergency Light and Alarm Bell

\* Call Register Signal and Vf Door lighters

\* False Ceiling in car with Down Lighters

\* Infra Red Door screen sensor

\* Vandal Proof 304 grade S.S. Button with 304 grade S.S. Cover

Contractor

No of corrections

Superintending Engineer

			<ul style="list-style-type: none"> <li>* Automatic Rescue Device (1 year guarantee )</li> <li>* Overload Warning indicator</li> <li>* Firemans Switch</li> <li>* Intercom Provision with Instrument</li> <li>* Car Arrival Chime</li> <li>* Floor Annunciator with Music</li> <li>* Full car Operating Panel - Press N Speak Phone</li> <li>* Minor Builders Work</li> <li>* Overload Speed Governer</li> <li>* Scaffolding</li> <li>* Lift License form GOTN</li> </ul> <p><b>Service</b></p> <p>1st Year : Free Maintenance ( i.e 1 year Comprehensive maintainence)</p>			
	1.00	Nos	For 1 Block		Nos	
2			<p><b>PASSENGER LIFTS</b></p> <p>Design, Manufacture, Supply, delivery at site, installation, Testing and commissioning of 10 Passenger capacity elevator (Without Machine room) with following Specifications confirming to IS like Kone/Johnson/OTIS/Equivalent including 1 year free Comprehensive maintenance, 1 Year Guarantee for Lift, UPS, Battery and all Electrical Fittings as directed by Departmental officer.</p>			
Contractor			No of corrections	Superintending Engineer		

Number of Lifts/Type of Lift : One / Passenger  
 Passenger Load / Speed : 10 Persons Machine  
 Rom less levator (680Kgs.)/1.00 Mtr.Per

Drive : I Monospace  
 (Gearless Eco Disc) V3F drive

Travel : 24.50 METER

Number of floors : 7 (GROUND + 5  
 (UPPER FLOORS)

Number of Landing Entrance : 7 (GROUND + 6  
 (UPPER FLOORS)

Number of Position : 1 (ONE), IN FRONT  
 ONLY indicator in every floor of Car Entrance

Position of Machinery : Directly above the Lift car and top of the Well and the machine Shall be a monoblock integrated shaft machine to avoid De-Coupling problems and it should not require gear oil change. The gear oil should be imported gear oil with a life span of 20 yrs and the machine shall have the in built break release lever for easy manual rescue.

Size of Lift Well : 2000 x 2000 ( MM WIDE  
 \*MM DEPTH)

Lift Car Inside Size : 1300 x 1350 (MM WIDE  
 \* MM DEPTH)

Contractor

No of corrections

Superintending Engineer

Type or Design of Lift car : Stainless Steel - Hairline  
Finish - 304 grade

Additional Car Spec :

Car Ceiling - Car Floor : Sleek ( Circular Lights ) -  
304 Grade Stainless Steel false ceiling

Car Fittings : Indirect Fluorescent Light  
& Regular  
( Circular ) - 1 Fan

Type of Car Entrance : Power Operated Centre  
Opening

Protection Sliding Door - S.S. 304  
grade - Client Choice -  
Refer Samples.

Type of Landing Entrance : Centre Opening Sliding  
Door -304 Grade SS Door

Type of landing Frame : Powder Coated M.S  
frame -Choice

Additional Door Spece :

Clear opening of Gates / Doors : 800 x 2000 ( MM Wide \*  
MM Height )

Type of Control System : Microprocessor Based  
Simplex Selective Collective Control with / without Attendent

Contractor

No of corrections

Superintending Engineer

Electric Supply : AC 400 / 440 VOLTS, 3  
PHASE, 50 CYCLES

Special Inclusions :

- \* Digital Position Indicator In Car and Landings and auto /  
attender key, door
- \* open / close button
- \* Battery Operated Emergency Light and Alarm Bell
- \* Call Register Signal and Vf Door lighters
- \* False Ceiling in car with Down Lighters
- \* Infra Red Door screen sensor
- \* Vandal Proof 304 grade S.S. Button with 304 grade S.S.  
Cover
- \* Automatic Rescue Device (1 year guarantee )
- \* Overload Warning indicator
- \* Firemans Switch
- \* Intercom Provision with Instrument
- \* Car Arrival Chime
- \* Floor Annunciator with Music
- \* Full car Operating Panel - Press N Speak Phone
- \* Minor Builders Work
- \* Overload Speed Governer
- \* Scaffolding
- \* Lift License form GOTN

Contractor

No of corrections

Superintending Engineer

			<b>Service</b> 1st Year : Free Maintenance ( i.e 1 year Comprehensive maintainence) For 1 Block			
	2.00	Nos			Nos	
2	36.00	Nos	Wiring with 2x1.5sqmm PVC insulated single core unsheathed copper conductor cable of 1100V grade with ISI mark confirming to IS: 694/1990 in suitable PVC rigid pipe of 1.8mm thick with ISI mark concealed in wall and ceiling with PVC accessories in flush with wall including the cost of cable, pvc pipe and specials, ceiling rose, flush type 5ams SP mark switch, PVC junction box, 16gauge MS switch box 100mm x 100mm x 75mm covered by laminated hylem sheet 3mm thick, cement, labour and making good of concealed portion with suitable colour for concealed PVC LIGHT point.		Nos	
3	36.00	Nos	Supply and fixing water tight Bulk head fitting(heavy type) with guard suitable for 100/60W bulb including the cost of bulb, necessary connection cost of materilas etc.		Nos	
4	36.00	nos	Supplying and fixing of 5 A 3 pin and 2 pin combined flush type wall socket with 5A flush type switch concealed in suitable MS box in flush with wall and covered with 3mm thick hylem sheet including cost of wall socket, switch and labour charges fo wall cutting, grouting, flushing and making good, painting with primary and finishing coat for MS box etc., complete as directed by the departmental officers.		nos	

Contractor

No of corrections

Superintending Engineer



5	9.00	nos	Supply and insallation maintenance free GI Earthing System comprising of 50mm dia and 2 mtr. long earth electrode of low carbon steel rod with 100 micron bonding and 25 kgs. of carbon based environment friendly backfill compound and suitable clamp.		nos	
6	90.00	Rm	Supplying and fixing 4 core, 10 sqmm cable of PVC Aluminium Armoured under ground cable with ISI mark		Rm	
7	3.00	nos	Supply and fixing 63 amps TPN metalled switch with rewritable fuse units and 4 pole sheet enclose for MCB's in the lift machine room as directed by the departmental officers.		nos	
8	3.00	nos	Supply and fixing 4 way TPN DP with 6 ams to 15 ams single pole MCB's and 1 no of 32 ams 4 pole MCB isolator in the lift machine room as directed by the departmental officers.		nos	
9			<b>GENERATORS</b>			
			Supply and fixing of 45 KVA generator with standard panel 4725 GM model, water cooled, 4 Cylinders, electric starting diesel engine developing 72 BHP at 1500 RPM coupled like Kirloskar/ Ashok Leyland/ Equivalent make 20 KVA, 0.8 P.F., 415 volts, Three phase alternator, Base frame, fuel tank, suitable battery with lead and Standard control panel. The Genset is also provided with 1 no. Residencial silencer and fuel line. The Genset will be housed in a CPCB approved Silent Acoustic enclosure			
a	1.00	No	Freight, Unloading, Erection, testing, commissioning of the 35kva like Krioloskar/ Ashok Layland/ Equivalent make DG set.		No	

Contractor

No of corrections

Superintending Engineer

10	60.00	Rm	Supplying and laying of 3 1/2core 25 sq. mm pvc armoured Copper LT UG cable of approved brand having ISI mark on post or wall with M.S clamps etc., complete in all respects		Rm	
<b>Total for Basic Amount for Exclusive of GST</b>						
<b>For GST @ 18 %</b>						
<b>Total for including GST</b>						

Contractor

No of corrections

Superintending Engineer