INVITATION OF TENDERS
IN A TWO BID TENDERING PROCESS.

FOR

SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF ONE NUMBER MINIMUM 10-PASSENGERS (GEARLESS/ MACHINE ROOM LESS) ELEVATORS TO SERVE STILT, 1ST, 2ND, 3RD & 4TH FLOORS (4TH IS TERRACE FLOOR) (i.e. AT5 STOPS/ 5 OPENINGS FOR APGVB OWN BUILDING AT NALGONDA, TELANGANA

CPWD Empanelled lift vendors under category “A” are only eligible for the above work.

PART 1. TECHNICAL BID

CONSULTANTS

abhikram-s

# 3-6-134 flat no 302 SVC-ROYAL DM apartments
STREET NO 18, HIMAYATNAGAR
HYDERABAD – 500 0029,
Tel./Fax.: 040-23261158.
E-mail: abhikramarchitects@gmail.com

Name of the Vendor __________________________

Address: ___________________________________________________________

_________________________________________________________________

EMAIL ID : _______________________________________________________

Last date for submission of completed Tender document on 27/11/2020 By 14.00 Hrs. (IST)

Opening of Technical bids on 01/12/2020 at 15.30 Hrs. (IST)

ANDHRA PRADESH GRAMEENA VIKAS BANK,
HEAD OFFICE, WARANGAL,
H.no-2-5-8/1, First floor,
Opp: Life line Hospital, Ramnagar,
Hanmakonda, Telangana-506001.

Signature of Vendor APGVB HO WARANGAL
## TECHNICAL BID
### ANNEXURE

<table>
<thead>
<tr>
<th>SI.NO.</th>
<th>PARTICULARS</th>
<th>PAGE FROM</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>NOTICE INVITING TENDER</td>
<td>4</td>
<td>7</td>
</tr>
<tr>
<td>2.</td>
<td>ELIGIBILITY CRITERIA</td>
<td>8</td>
<td>9</td>
</tr>
<tr>
<td>3.</td>
<td>LETTER OF TRANSMITAL</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>4.</td>
<td>FROM OF SUBMISSION OF TENDER</td>
<td>11</td>
<td>12</td>
</tr>
<tr>
<td>5.</td>
<td>GENERAL NOTES</td>
<td>13</td>
<td>14</td>
</tr>
<tr>
<td>6.</td>
<td>GENERAL CONDITIONS OF CONTRACT</td>
<td>15</td>
<td>30</td>
</tr>
<tr>
<td>7.</td>
<td>SPECIAL CONDITIONS</td>
<td>31</td>
<td>37</td>
</tr>
<tr>
<td>8.</td>
<td>FORM OF AGREEMENT</td>
<td>38</td>
<td>39</td>
</tr>
<tr>
<td>9.</td>
<td>OTHER CONDITIONS</td>
<td>40</td>
<td>44</td>
</tr>
<tr>
<td>10.</td>
<td>TECHNICAL SPECIFICATIONS</td>
<td>45</td>
<td>55</td>
</tr>
<tr>
<td>11.</td>
<td>SCHEDULE OF APPROXIMATE QUANTITIES AND RATES</td>
<td>56</td>
<td>56</td>
</tr>
<tr>
<td>12.</td>
<td>SAFETY CODE</td>
<td>57</td>
<td>59</td>
</tr>
<tr>
<td>13.</td>
<td>LIST OF APPROVED MAKE OF MATERIALS FOR INTERNAL LIFTS WORKS</td>
<td>60</td>
<td>60</td>
</tr>
<tr>
<td>14.</td>
<td>ABSTRACT TO GENERAL CONDITIONS OF CONTRACT</td>
<td>61</td>
<td>61</td>
</tr>
<tr>
<td>15.</td>
<td>DECLARATION</td>
<td>62</td>
<td>62</td>
</tr>
<tr>
<td>16.</td>
<td>PRICE BID</td>
<td>63</td>
<td>65</td>
</tr>
<tr>
<td>17.</td>
<td>DRAWINGS</td>
<td>66</td>
<td>66</td>
</tr>
</tbody>
</table>
### APPENDIXES HEREIN BEFORE REFERRED TO

<table>
<thead>
<tr>
<th></th>
<th>Name of the Work</th>
<th>SUPPLY, INSTALLATION, TESTING &amp; COMMISSIONING OF ONE NUMBER MINIMUM 10-PASSENGERS CUM EQUIPMENT (GEARLESS/ MACHINE ROOM LESS) ELEVATORS TO SERVE STILT, 1ST, 2ND, 3RD &amp; 4TH FLOORS (4TH IS TERRACE FLOOR) (i.e. AT5 STOPS/ 5 OPENINGS FOR APGVB OWN BUILDING AT NALGONDA, TELANGANA</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.</td>
<td>Estimated cost of work:</td>
<td>17,50,000.00 PLUS GST as APPLICABLE</td>
</tr>
<tr>
<td>3.</td>
<td>Earnest Money Deposit. (EMD)</td>
<td>EMD WILL BE COLLECTED FROM SUCCESSFUL VENDOR AT THE TIME OF AGREEMENT . Rs. 17500.00 Or NSIC Certificates of approved relavant trade.</td>
</tr>
<tr>
<td>4.</td>
<td>Tender Cost</td>
<td>EXEMPTED</td>
</tr>
<tr>
<td>5.</td>
<td>Time of Completion:</td>
<td>120 (Sixty) DAYS.</td>
</tr>
<tr>
<td>6.</td>
<td>Payment terms</td>
<td>Minimum 8.0 Lakhs in each running bill</td>
</tr>
<tr>
<td>7.</td>
<td>Date of download of tender documents from Bank’s web site</td>
<td>From 18/11/2020 to 27/11/2020</td>
</tr>
<tr>
<td>8.</td>
<td>Last date and time for submission of Tender in the office of APGVB, Head office, H.no-2-5-8/1, First floor, Opp: life line Hospital, Rammagar, Hanmakonda, Telangana-506001.</td>
<td>Date: 27/11/2020 by 14:00 Hrs. (IST)</td>
</tr>
<tr>
<td>9.</td>
<td>Date and Time of opening of Tenders: (Technical Bids)</td>
<td>Date: 01/12/2020 at 15:30 Hrs. (IST)</td>
</tr>
<tr>
<td>10.</td>
<td>Address of opening of tender</td>
<td>General Manager I, APGVB, Head Office Warangal, H.no-2-5-8/1, First floor, Opp: Lifeline Hospital, Rammagar, Hanmakonda, Telangana-506001.</td>
</tr>
<tr>
<td>11.</td>
<td>Bidder Contact Details.</td>
<td>Bidder to provide following information. 1) Name of Company. 2)Contact Person. 2) Mailing address with Pin Code. 4) Telephone number and Fax number. 5) Mobile Number and E-MAIL.</td>
</tr>
<tr>
<td>12.</td>
<td>Initial Security Deposit</td>
<td>2% of Quoted value in favor of APGVB Payable at Warangal.</td>
</tr>
<tr>
<td>13.</td>
<td>Defects Liability Period</td>
<td>12 Months (Twelve months)</td>
</tr>
<tr>
<td>14.</td>
<td>Total Security Deposit</td>
<td>5% of contract value including initial security deposit.</td>
</tr>
<tr>
<td>15.</td>
<td>Liquidated Damages</td>
<td>0.50% per week subject to max 7% of the value of work</td>
</tr>
<tr>
<td>16.</td>
<td>PRE-BID MEETING FOR CLARIFICATIONS</td>
<td>On 23/11/2020 at 12:00 PM. In office of General Manager I, APGVB, Head Office Warangal, H.no-2-5-8/1, First floor, Hanmakonda, Telangana-506001</td>
</tr>
</tbody>
</table>

The APGVB reserves the right to accept or reject any or all the tenders without assigning any reason whatsoever.
NOTICE INVITING TENDER

M/S____________________

____________________

____________________

Dear Sirs,

SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF ONE NUMBER MINIMUM 10-PASSENGERS CUM EQUIPMENT (GEARLESS/ MACHINE ROOM LESS) ELEVATORS TO SERVE STILT, 1ST, 2ND, 3RD & 4TH FLOORS (4TH IS TERRACE FLOOR) (i.e. AT5 STOPS/ 5 OPENINGS FOR APGVB OWN BUILDING AT NALGONDA, TELANGANA

Sealed tenders on item rate basis are invited in two bid system i.e., Technical bid PART1 and Price bid PART 2 for SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF ONE NUMBER MINIMUM 10-PASSENGERS CUM EQUIPMENT (GEARLESS/ MACHINE ROOM LESS) ELEVATORS TO SERVE STILT, 1ST, 2ND, 3RD & 4TH FLOORS (4TH IS TERRACE FLOOR) (i.e. AT5 STOPS/ 5 OPENINGS FOR APGVB OWN BUILDING AT NALGONDA, TELANGANA from reputed LIFT/ELEVATORS works Vendors who are eligible to tender as pre-qualified criteria mentioned in the tender document. Tender Documents can be downloaded from banks website.


2. Tenders which should always be placed in two envelopes, with the name of the project written on the envelopes will be received till 27/11/2020 up to 14:00 Hrs in the office of APGVB, Head office, H.no-2-5-8/1, First floor, Opp: life line Hospital, Ramnagar, Hanmakonda, Telangana-506001. Envelope-1Technical bid should consist of Cost of tender document if downloaded from website, Notice Inviting Tender, Eligibility criteria, Form of Submission of tender ,General Notes, General Conditions of Contract, Special Conditions of Contract, Form Of Agreement, Technical Specification of LIFT/ELEVATORS works, Schedule of Approximate Quantities and Rates General Specifications of Materials , Abstract of General conditions of contract and Declaration. Envelope-2 Price bid should consist of Schedule of quantities of work , Drawings of the various items of work to be done, The Envelop -1 TECHNICAL BID will be opened on 01/12/2020 at 15:30 Hrs. The Envelop -2 PRICE BID of the qualified Vendors shall be opened on the later day and will be intimated separately.

3. The Vendors must quote in figures as well as in words. If any rates written in figures is different from the rate written in words, the rate mentioned in words will be considered.

Signature of Vendor

APGVB HO WARANGAL

Page 4-66
4. The tender document must be filled in English and all the entries must be made by the hand and written in ink. If any of the documents are missing or unsigned, the tender shall be considered invalid.

5. Earnest money amounting to Rs:17500.00/- (RUPEES SEVENTEEN THOUSAND FIVE HUNDRED ONLY) will be collected from successful vendor at the Time of Agreement.

PROVISIONS FOR MICRO & SMALL ENTERPRISES (MSES):- As per Government of India’s Public Procurement Policy act 2012, certain benefits will be given for MSE Units. The details are as under:

A) The Public Procurement Policy shall apply to MSEs registered with District Industries Centres or Khadi Village Industries Commission or Khadi & Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts & Handloom or any other body specified by Ministry of Micro, Small & Medium Enterprises.

B) MSEs are exempted from paying Tender/RFP fee/cost, EMDs. For getting the benefits in case of MSE firms, shall submit relevant documents such as valid MSE registration Certificates and exemption certificate from relevant authorities.(Note for Relevant trade only)

6. The successful tenderer will have to pay an amount of initial security deposit, which shall be 2.0% of the accepted value of the tender including the EMD, by means of D.D. in favour of the APGVB payable at Warangal. The initial security deposit is to be paid by the Vendor to APGVB within 7 days of intimation to him of the acceptance of the tender. The initial security deposit will be invested with the APGVB for the duration of the contract period and will be returned to the Vendor without any interest, after issue of the virtual completion certificate. No interest is allowed on the retention money.

7. The acceptance of a tender will rest with the Competent Authority, who does not bind himself to accept the lowest tender and reserves to himself the authority to reject any or all of the tenders received, without assigning any reasons. All tenders in which any of the prescribed conditions are not fulfilled, or are incomplete in any respect are liable to be rejected.

8. All compensation or other sums of money payable by the Vendor to Clients under the terms of this contract may be deducted from the security deposit, or from any sum that may be or may become due to the Vendor on any account whatsoever and in the event of the Security Deposit being reduced by reasons of any such deductions, the Vendor shall within 10 days of being asked to do make good in cash or by cheque any sum which have been deducted from his security deposit.

9. Tender containing any condition leading to unknown / indefinite liability, are liable to be summarily rejected.

If at all any rebate(s) is/are to be offered the tenderer shall first quote his rates strictly on the terms and conditions stipulated in tender document and then show separately rebate(s) offered specifying the conditions for such rebate(s). Failure to follow this procedure will render the tender liable to summarily rejection.

10. Canvassing in connection with tenders is strictly prohibited and the tenders submitted by the Vendors who resort to canvassing will be liable to rejection.

11. The tenderer should quote their (own) rates for undertaking the work.
12. Time is the essence of the contract. The work should be completed in **120 DAYS** from the date of the work order issued to the Vendor to commence the work. The successful Vendor will have to give CPM/PERT chart of various activities of works to be done so that the work gets completed within the stipulated time. The chart shall be submitted within 3 days from the date of acceptance of the tender.

13. Tenders for works shall remain open for acceptance for a period of **120 days** from the date of opening of tenders. If the tenderer withdraws his tender before the expiry of the said period or makes any modifications in terms and condition of the tender which are not acceptable to the APGVB, then the APGVB without prejudice to any other right or remedy be at liberty to forfeit the earnest money.

14. It will be obligatory on the part of the tenderer to tender and sign the tender documents for all the component parts and that, after the work is awarded, he will have to enter into an agreement for each component with the competent authority in the APGVB.

15. The tenderer should visit the site to ascertain the working conditions and local authority regulations / restrictions if any and other information required for the proper execution of the work.

16. The quantities of various items given in the schedule of quantities are approximate. The quantities of work may vary at time of allotment / execution of work. APGVB reserves the right to omit / delete any item(s) of work from the schedule at the time of allotment / before. Vendor will be paid for the actual work done at the site duly verified by the concerned official of the APGVB.

17. The unit price shall be deemed to be fixed price. In case of extra items, a record of labour charges paid shall be maintained and shall be presented regularly to APGVB for checking. The settlement will be made based on figures arrived at jointly and taking unit price given in the contract assigned to the successful Tenderer. In case of extra items where similar or comparable items are quoted in the tender, extra rates shall be based on tender rates.

18. If the rate quoted by the Vendor for any item / items are not workable or abnormally lower than the market rate, the APGVB may demand Bank guarantee from the Vendor for satisfactory completion of these work. The bank guarantee amount will be not less than 50% of the estimated amount of the items for which the rates are not workable or abnormally low. This bank guarantee will be released after completion of these works (unworkable and abnormally low rated items (below 25% of Estimated rate)) to the satisfaction of APGVB.

19. No employee of the APGVB is allowed to work as a Vendor for a period of 2 years of his/her retirement from APGVB Services without previous permission of the APGVB. This contract is liable to be cancelled, if either the Vendor or any of his employee is any time to be such a person who had not obtained the permission of APGVB as aforesaid before submission of the tender or engagement in the Vendor’s service.

20. Sealed tenders in prescribed form in Three envelopes (Envelope-1 superscribed as TECHNICAL BID Part 1 should contain cost of tender document, Tender document cost if downloaded from the website, Notice Inviting Tender, Eligibility criteria Form of Submission of tender General Notes, General Conditions of Contract, Form Of Agreement, Technical Specification of LIFT/ELEVATORS works Technical Schedule of Approximate Quantities and Rates General Specifications of Materials, Abstract of General conditions of contract and Declaration. Envelope 2 superscribed as PRICE BID PART 2 should contain Schedule of quantities of work,
Drawings of the various items of work to be done, and these two put in Another Envelope 3 superscribed as Name of the project **SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF ONE NUMBER MINIMUM 10-PASSENGERS CUM EQUIPMENT (GEARLESS/ MACHINE ROOM LESS) ELEVATORS TO SERVE STILT, 1ST, 2ND, 3RD & 4TH FLOORS (4TH IS TERRACE FLOOR) (i.e. AT5 STOPS/ 5 OPENINGS FOR APGVB OWN BUILDING AT NALGONDA, TELANGANA** are to be addressed and sent to General manager -I, APGVB, Head office, Warangal.

21. Estimated Cost: **Rs.1750000.00 Plus GST as applicable.**

General Manager I,
APGVB, Head Office Warangal,
H.no-2-5-8/1, First floor,
Opp: Lifeline Hospital, Ramnagar,
Hanmakonda, Telangana-506001.
# ELIGIBILITY CRITERIA
**SECTION – 1**

<table>
<thead>
<tr>
<th>S.No</th>
<th>Criteria</th>
<th>Documents Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>CPWD Empanelled lift vendors under category “A” for the above work.</td>
<td>A copy of valid registration certificate from respective authorities. Proof of copy shall be submitted.</td>
</tr>
<tr>
<td>5</td>
<td>Tenderer must be a Company registered under Indian Companies Act 1956 or a registered firm. (Proofs for Registration of company, PAN and GST certificates to be submitted) The Tenderer should have end to end arrangement with the OEM/(s) or its authorized dealer of the approved makes of the Lift as per the CPWD Category - A listed vendors to supply and maintain the equipments supplied under this tender.</td>
<td>Copy of the GST registration certificate and copy of PAN card. a letter from the Original Equipment Manufacturer (OEM should be submitted)</td>
</tr>
<tr>
<td>6</td>
<td>Tenderer should have well established service / support centre in Hyderabad with trained / certified manpower in maintaining the infrastructure covered under this tender Service set up at Hyderabad.</td>
<td></td>
</tr>
</tbody>
</table>
SECTION – 2

DOCUMENTS TO BE ATTACHED WITH THE TENDER BY THE TENDERER

1. Details of all works and similar works completed in last Three years.

2. Annual Turnover for the last three years with supporting documents.

3. Registration of Company.

4. Partnership deed/Memorandum and Articles of Association of the firm.

5. Registration under Labour Laws.

6. GST Registration Certificate.

7. ISO 9000 certificate (if any).

8. **General Service tax registration certificate to be enclosed COMPULSORY**

9. Original Power of Attorney of the person signing the tender documents or photocopy duly attested by Notary Public.

10. Details of on-going works & supporting Documents.

Signature of Vendor
LETTER OF TRANSMITIAL

General Manager- I,
APGVB, Head office,
H.no-2-5-8/1, First floor,
Opp: Lifeline Hospital,
Ramnagar, Hanmakonda,
Telangana-506001.

Sir,

SUB: SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF ONE NUMBER MINIMUM 10-PASSENGERS CUM EQUIPMENT (GEARLESS/ MACHINE ROOM LESS) ELEVATORS TO SERVE STILT, 1ST, 2ND, 3RD & 4TH FLOORS (4TH IS TERRACE FLOOR) (i.e. AT5 STOPS/ 5 OPENINGS FOR APGVB OWN BUILDING AT NALGONDA, TELANGANA

Having examined the details given in invitation and technical note for the work SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF ONE NUMBER MINIMUM 10-PASSENGERS CUM EQUIPMENT (GEARLESS/ MACHINE ROOM LESS) ELEVATORS TO SERVE STILT, 1ST, 2ND, 3RD & 4TH FLOORS (4TH IS TERRACE FLOOR) (i.e. AT5 STOPS/ 5 OPENINGS FOR APGVB OWN BUILDING AT NALGONDA, TELANGANA hereby submit the pre-qualification information and relevant documents

<table>
<thead>
<tr>
<th>Having examined the details given in invitation and technical note for the work SUPPLY, INSTALLATION, TESTING &amp; COMMISSIONING OF ONE NUMBER MINIMUM 10-PASSENGERS CUM EQUIPMENT (GEARLESS/ MACHINE ROOM LESS) ELEVATORS TO SERVE STILT, 1ST, 2ND, 3RD &amp; 4TH FLOORS (4TH IS TERRACE FLOOR) (i.e. AT5 STOPS/ 5 OPENINGS FOR APGVB OWN BUILDING AT NALGONDA, TELANGANA hereby submit the pre-qualification information and relevant documents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. We hereby certify that all the statements made as information supplied in the enclosed forms and Annexure are true and correct.</td>
</tr>
<tr>
<td>2. We have furnished all information and details necessary as per check list for pre-qualification and have no further pertinent information to supply.</td>
</tr>
<tr>
<td>3. We submit the following certificates in support of our suitability, technical Knowledge, Capability for having successfully completed the following works.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name of the work</th>
<th>Client / Owner</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td></td>
</tr>
</tbody>
</table>

Enclosures: Signature of the tenderer
Seal of Tenderer
Date of Submission

Signature of Contract

Signature of Vendor APGVB HO WARANGAL
FORM OF SUBMISSION OF TENDER

TO
General Manager- I,
APGVB, Head office,
H.no-2-5-8/1, First floor,
Opp: Lifeline Hospital,
Ramnagar, Hanmakonda,
Telangana-506001.

Dear Sir/s,
Ref: SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF ONE NUMBER MINIMUM 10-PASSENGERS CUM EQUIPMENT (GEARLESS/ MACHINE ROOM LESS) ELEVATORS TO SERVE STILT, 1ST, 2ND, 3RD & 4TH FLOORS (4TH IS TERRACE FLOOR) (i.e. AT5 STOPs/ 5 OPENINGS FOR APGVB OWN BUILDING AT NALGONDA, TELANGANA

I / We the undersigned have carefully gone through and clearly understood, after visiting the site, Contract documents consist of PART 1 Notice Inviting Tender, Eligibility criteria Form of Submission of Tender  General Notes, General Conditions of Contract’ Special Conditions of Contract, Form Of Agreement, Technical Specification of LIFT/ELEVATORS works, Schedule of Approximate Quantities and Rates  General Specifications of Materials , Abstract of General conditions of contract and Declaration PART 2 tender drawings , price Schedule of Probable Quantities prepared by your Architects M/s.abhikram-S, 3-6-134, Flat no.302, SVC-ROYAL DM Apartments, street no.18, Himayatnagar Hyderabad 500029

I / we do here by undertaken to execute and complete the whole or part of the work (as desired by you) at the respective rates quoted.

In the event of this Tender being accepted I / we agree to enter into an agreement as and when required and executed the contract according to your form of Agreement, in default whereof, I / we do hereby bind my-self / ourselves to forfeit the aforesaid deposit.

I / we further agree to complete the work included in the said schedule of quantities within ____ days from the date of the work order issued to commence the same.

Date of commencement shall be either one-week, from the date, the acceptance letter is issued to the Vendor or day on which the Vendor is instructed to take possession of site whichever is latter.

I / we agree not to employ sub-Vendors other than those that may be approved by Architects / Employer.

I / We agree to pay Government, General and Sales Tax (State and Central), Excise and Octroi duties, service tax , insurance and all other taxes including works contract extra, turnover tax, VAT etc as prevailing fortime to time, on such items for whom same is to be levies, and the rates quoted by me / us are inclusive of the same.

Yours Faithfully,

Vendor’s Signature_______________________

Signature of Vendor APGVB HO WARANGAL
Designation _______________________________

Address___________________________________
1.
2.
3.
GENERAL NOTES

1. PROCEDURE OF FILLING AND SUBMISSION OF TENDER

i) The tenderers should quote their rates in figures and words where the quantities have been indicated in the relevant items of the schedule of quantities, failures to do so may invalidate the tender. Erasing or over writing shall not be allowed. Corrections in the tender should be avoided if this becomes unavoidable, the entire rate (and not a portion only) shall be scored out and signed (not simply initiated) by the tenderer as token of such cancellation. A fresh rate in specified manner shall then be correctly written.

ii) In the event of the tender being submitted by a firm, it must be signed by a member or members of the firm having legal authority to do so, and if called for, the legal documents in support thereof must be produced for inspection and the same in the case of the firm carried out by one member of a joint family. It must disclose, that the firm is duly registered under the India Partnership Act. Any tender signed by a member not holding a power of attorney shall be treated as informal.

iii) All corrections are to be initiated.

iv) The tenderer is to quote this rate in ink both in words and figures in English. In case of any variation, the rates quoted in the words in the “Original” copy of the tender shall only be valid. The tender shall be clearly and legibly written and whole writing must be by the hand of the person signing the tender and with the same pen and ink. Failure to do so may invalidate the tender.

The employer reserves to itself the right to accept the lowest or any tender or split up and distribute any items of work to any specialist firm or firms without assigning any reason. The employer reserves the right to split up and distribute the work to more than one tenderer, if necessary. Person tendering shall submit and return together with his tender, this condition of contract, specifications and the priced schedule of quantities and all set of papers signed on all the pages in a sealed cover. Signature will be deemed to be the acceptance of the contents of these tender papers by the tenderer. All enclosures to the tender shall be in duplicate.

Tenderer shall note that their tenders shall remain open for acceptance for a minimum period of 2 months from the date of opening the tenders. The tender must be unconditional. Conditional tenders may be summarily rejected.

Submission of tenders:
The tenders are to be submitted along with the copy of “General Clause of Contract and Technical Specifications” duly signed by the tenderer in a sealed cover at the office as mentioned in the tender notice. The authorized representatives of tenderer are present during opening of the tender.

2. RATES TO INCLUDE:

While quoting their rates the tenderer should include the following if otherwise not stated herein before.

a) Necessary cost of taking samples of materials supplied by them for construction including cement and steel, wood/tiles etc., testing of the same at Govt.’s / approved laboratory including transportation, cost of the samples, as and when required.
3. **STORAGE OF MATERIALS:**

The Vendor shall not store their materials and debris within the premises other than the work site handed over to him.

4. **LABOUR HUTMENT:**

Shelter or stay for the labourers has to be arranged by the Vendor at his own expense and responsibility.

5. **IDLE LABOUR:**

In case the construction work is held up for any site conditions not attributable to the Vendors or for any decisions instructions / want of details from Employer / Architects or for any of the conditions as per Article 30, the Vendor shall be allowed reasonable extension of time by the employer but any claim for idle labour shall lie under the above conditions. Vendor’s quoted rates should include for all such contingencies.

6. The Vendor shall engage one competent person at site who shall take the instructions from the Architects. The work should not suffer due to lack of supervision, manpower and materials.

7. The Vendor is required to co-ordinate his works along with other agencies working at site. He has to reimburse any of the damage made by him or any of his representatives for any have the other agency or owner at site.

8. The Vendor is required to fabricate a sample where required, or any item so installed for approved. Any changes made by the Architect’s / Employers, in the sample to the specifications as mentioned in the tender, shall not be deducted or paid extra. The bulk production of the furniture can only be taken up after the final approval of the sample of the item.

9. The partitions shall be so fixed that all joinery work is in plumb and true in line. The partition frame shall be firmly fixed to the floor and ceiling by using suitable wall plugs and screws.

10. The Vendor shall check all dimensions before fabricating and fixing the partitions or ceiling in position at site.

11. All measurements given in the schedule hereunder are for the purpose of tender only. Payment will be made on actual measurement of the work done.

12. All measurements shall be as per relevant I.S.I. standards.
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 Employer / Architect.

1. INTERPRETATION

In constructing these conditions, the specifications, the schedule of quantities, tender and agreement, the following words shall have the meaning herein assigned to them except where the subject or context otherwise requires.

I. **Employer**: The term employer shall denote APGVB with their Head Office at H.no-2-5-8/1, Fisrt floor, Opp: Lifeline Hospital, Ramnagar, Hanmakonda, Telangana-506001 and any of its employees representative authorized on their behalf.

II. **Architects / PMC Consultants**: The term Architects shall mean M/s. abhikram-s,

III. **Vendor**: The term Vendor shall mean _____________ (Name and address of the Vendor) and his / their heirs, legal representatives, assigns &successors.

IV. **Site**: The site shall mean the site where the works are to be executed as shown within boundary in red border on the site plan including any building and erection thereon, allotted by the employer for the Vendors use.

V. **Site Supervision**: Supervision by the Architect .

VI. **Drawings**: The work is to be carried out in accordance with drawings, specifications, the schedule of quantities and any further drawings, which may be supplied, or any other instruction, which may be given by the Employer during the execution of the work.

All drawings relating to work given to the Vendor together with a copy of schedule of quantities are to be kept at site and the Employer / Architects shall be given access to such drawings or schedule of quantities wherever necessary.

In case any detailed Drawings are necessary Vendor shall prepare such detailed drawings and / or dimensional sketches therefore and have it confirmed by the Employer / Architects as case may be prior to taking up such work.

The Vendor shall ask in writing for all clarifications on matters occurring anywhere in drawings, specifications and schedule of quantities or to additional instructions at least 10 days ahead from the time when it is required for implementation so that the Employer may be able to give decision thereon.

VII. “**The Works**” shall mean the work or works to be executed or done under this contract.

VIII. “**Act Of Insolvency**” shall mean any act as such as defined by the Presidency Towns Insolvency Act or in Provincial Insolvency act or any amending status.
IX. “The Schedule Of Quantities” shall mean the schedule of quantities as specified and forming part of this contract.

X. “Priced Schedule Of Quantities” shall mean the schedule of quantities duly priced with the accepted quoted rates of the Vendor.

XI. “Contract” shall mean Contract documents consist of Notice Inviting Tender, Eligibility criteria Form of Submission of tender General Notes, General Conditions of Contract‘ Special Conditions of Contract, Form Of Agreement, Technical Specification of Lifts works, Schedule of Approximate Quantities and Rates General Specifications of Materials , Abstract of General conditions of contract and Declaration the schedule of quantities, specifications and drawings attached here to and duly signed.

XII. ‘Contract Price’ shall mean the sum named in the Tender subject to such additions thereto or deductions their from as may be made under the provisions hereafter contained.

XIII. ‘Notice in Writing’ or written notice shall mean a notice in writing, type or printed characters sent (unless delivered personally or otherwise provided to have been received) by registered post to the last known private or business address or registered office of the addressee and shall be deemed to have been received when in the ordinary course of post it would have been delivered.

XIV. ‘Net Prices’ any arriving at the Contract amount the Vendor shall have added to or deducted from the total of the items if the Tender any sum, either as a percentage or otherwise, then the net price of any item in the tender shall be the sum arrived at by adding to or deducting from the actual figure appearing in the tender as the price of that item a similar percentage or proportionate sum. Providing always that in determining the percentage or proportion of the sum so added or deducted by the Vendor, the total amount of any Prime Cost items and provisional sums of money shall be deducted from the total amount of the Tender. The expression ‘net rates’ or ‘net prices’ when used with reference to the contract or account shall be hold to mean rates or prices so arrived at.

XV. ‘Virtual Completion’ shall mean the building is in the opinion of the Architect and Employer fit for occupation.

XVI. Words importing persons include firms and corporations. Words importing the singular only, also include the plural and vice verse where the Context requires.

2. SCOPE OF CONTRACT

The Vendor shall carry out and complete the said work in every respect in accordance with this Contract and with the directions of and to the satisfaction of the Architect and Employer. The Architect with approval of Employer issue further drawings and / or written instructions, details directions and explanations which hereafter collectively referred to as ‘Architect’s Instructions’. In regard to:

a) The variation or modification of the design quality or quantity of works or the addition or omission or substitution of any work.
b) Any discrepancy in the drawings or between the schedule of quantities and / or drawings and / or specification.

c) The removal from the site of any defective material brought thereon by the Vendor and the substitution of any other material thereof.

d) The demolition removal and / or re-execution of any work executed by the Vendor/s.

e) The dismissal from the work of any persons employed there upon.

f) The opening up for inspection of any work covered up.

g) The rectification and making good of any defects under clauses hereinafter mentioned and those arising during the maintenance period (Defect Liability Period).

The Vendor shall forthwith comply with and duly execute any work comprised in such Employer’s or his agent / Architect’s instructions, provided always that verbal instructions, directions and explanations given to the Vendor’s or his representative upon the works by the Employer's or his agent / Architects shall, if involving a variation, be confirmed in writing to the Vendor/s within seven days. No works for which rates are not specifically mentioned in the priced schedule of quantities, shall be taken up without written permission of the Employer or his agent / Architects. The employer in consultation with the Architects as provided in clause “variation” shall fix rates of items not mentioned in the priced schedule of quantities.

Regarding all factory made products for which ISI marked products are available, only products bearing ISI marking shall be used in the work.

3. TENDERS SHALL VISIT THE SITE

Intending tenderer shall visit the site and make himself thoroughly acquainted with the local site condition, nature and requirements of the works, facilities of transport conditions, effective labour and materials, access and storage for materials and removal of rubbish. The tenderer shall provide in their tender for cost of carriage, freight and other charges as also for any special difficulties and including police restriction for transport etc., for proper execution of work as indicated in the drawings. The successful tenderer will not be entitled to any claim of compensation for difficulties faced or losses incurred on account of any site condition which existed before the commencement of the work or which in the opinion of the employer or his agent / Architect might be deemed to have reasonably been inferred to be so existing before commencement of work.

4. TENDERS

The entire set of tender paper issued to the tenderer should be submitted fully priced and also signed on the last page together with initials on every page. Initial / signature will indicate the acceptance of the tender papers by the tenderer.

(Also see general rules and instructions for the guidance of Tenderers)

The schedule of quantities shall be filled in as follows:
I. Amount column to be filled in for each item and the amount for each sub head as detailed in the “Schedule Of Quantities”.

The Employer reserves the right to reject the lowest or any tender and also to discharge any or all of the tenders of each section or to split up and distribute any item of work to any specialist firm or firms, without assigning reasons.

The tenderers should note that the tender is strictly on the 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. If called upon by the Employer / Architects detailed analysis of any or all the rates shall be submitted. The Employer / Architects shall not be bound to recognize the Vendor’s analysis. All corrections are to be initialed.

The works will be paid for as “measured work” on the basis of actual work done and not as “lumpsum” contract, unless otherwise specified.

All items of work described in the schedule of quantities are to be deemed and paid as complete works in all respects and details including preparatory and finishing works involved, directly related to and reasonably detectable from the drawings, specifications and schedule of quantities and no further extra charges will be allowed in this connection. In the case of lump-sum charges in the tender in respect of any items of work will be made for the actual work done on the basis of lumpsum charges as will be assessed to be payable by the Employer / Architects.

The employer has power to add to, omit from any work as shown in drawings or described in specifications or include in schedule of quantities and intimate the same in writing but no addition, omission or variation shall be made by the Vendor without authorization from the Employer. No variation shall vitiate the contract.

The tenderer shall note that his tender shall remain open for consideration for a period of three months from the date of opening of the tender.

5. AGREEMENT

The successful Vendor will be required to sign agreement in accordance with the draft agreement from enclosed and the schedule conditions. The Vendor shall pay for all stamps and legal expenses, incidental thereto. However the written acceptance by the employer of a tender will constitute a binding contract between the employer and the person so tendering whether such formal agreement is or is not subsequently executed.

6. AUTHORITIES, NOTICES, PATENT RIGHTS AND ROYALTIES:

The Vendor shall confirm to the provisions of the statutes relating to the works, and so to the regulation and bylaws of an local authority, and of any water, lighting and other companies on authorities with whose systems the structures are proposed to be connected and shall before making any variation from the drawings or specifications, that may be necessitated by so conforming given to the Architect’s written notice, specifying the variations proposed to be made and the reason for making it apply for instruction thereon. In case, the Vendor shall not within the 10 days receive such instruction, he shall proceed with the work conforming to the provisions, regulations or bylaws in questions.
The Vendor shall bring to the attention of the Architect all notices required by the said acts, regulations or bylaws to be given to any Authority, and pay to such authority or to any Public Officer all fees that may be properly chargeable in respect of the works, and lodge the receipts with the Architect /Employer.

The Vendor shall identify the Employer against all claims in respect of patent rights, designs, trade marks or name or the protected rights in respect of any constructional plant, machine, work or material used for or in connection with the works or temporary works and from and against all claims, demands, proceedings, damages, costs, charges, and expenses whatsoever in respect thereof or in relation thereto. The Vendor shall defend all actions arising from such claims, unless he has informed the Architects, before any such infringement and received their permission to proceed and shall himself pay all royalties, license fees, damages, coat and charges of all and every sort that may be legally incurred in respect thereof.

7. NOTICES AND STATUTORY REGULATIONS:
   The Vendor shall give all notices and pay all fees and shall comply all Acts and Regulations for the successful completion of the contract works. The whole of the work is to be complied with as per the requirements and bylaws of the relevant statutory authorities including contract labour (Regulation and Abolition) Act 1970.

8. QUANTITY OF WORK TO BE EXECUTED
   The Schedule of Quantities unless otherwise stated shall be deemed to have been prepared in accordance with the Standard Procedure of the Architects shall be considered to be approximate and no liability shall attach to the Architect for any error may be discovered therein. The Employer reserves the right to execute only a part or the whole or any excess thereof without assigning any reason therefore.
   The Vendor shall be deemed to have satisfied himself before tendering to the correctness and sufficiency of his tender for the works and of the prices stated in the Schedule of Quantities and / or the Schedule of Rates and Prices, which rates and prices shall cover all things necessary for the completion of the works.

9. OTHER PERSONS ENGAGED BY THE EMPLOYER
   The Employer reserves the right to execute any part of the work included in this contract or any work, which is not included in this contract by the other Agency, or persons and Vendor shall allow all reasonable facilities and use of his scaffoldings for the execution of such work. The main Vendor shall extend all cooperation in his regard.

10. EARNEST MONEY AND SECURITY DEPOSITS
    The EMD for an amount of **RS. 17500.00/- (RUPEES SEVENTEEN THOUSAND FIVE HUNDRED ONLY)** will be collected form the successful Vendor at the time of agreement. The employer is not liable to pay any interest on the earnest money. The Earnest money of the unsuccessful tenderers will be refunded without any interest soon after the decision to award the work is taken after the expiry of the validity period of the tender. The successful tender to whom the contract is awarded will have to deposit as initial security deposit a further sum to make up 2.0 % of the value of the accepted tender including the Earnest Money. The initial security deposit will have to be made within 14 days from the date of acceptance of tender, failing which the employer at his discretion may revoke the letter of acceptance and forfeit the earnest money deposit furnished along with the tender. Apart from the initial security deposit made as above, retention money shall be deducted from progressive running bills @ 8% of the gross
value of each running bill until the total security deposit, i.e., the initial security deposit plus the retention money equals to (Total Security Deposit EMD (2.0 %) + FSD 6.0 %)

The above Security Deposit will be refunded after Satisfactory completion of Defect liability period of one year From the date of Issue of virtual completion certificate by the Employer.

11. VENDOR TO PROVIDE EVERYTHING NECESSARY

The Vendor shall provide everything necessary for the proper execution of the work according to the intent and meaning of the drawings, schedule of quantities and specifications taken together whether the same may or may not be particularly shown or described therein provide that the same can reasonably be inferred there from and if the Vendor finds any discrepancies therein he shall immediately and in writing, refer the same to the Employer / Architects whose decision shall be final and binding.

12. TIME OF COMPLETION, EXTENSION OF TIME & PROGRESS CHART

The Vendor shall be allowed admittance to the site on the ‘Date of Commencement’ stated in the Appendix, and he shall thereupon and forthwith begin the works and shall regularly proceed with to complete the same (except such painting or other decorative work as the Architect may desire to delay). On or before the ‘Day of Completion’ stated in the Appendix subject nevertheless the provision for the extension of time hereinafter contained.

If in the opinion of the Architect the works be delayed:

a. By force major or
b. By reason of any exceptionally inclement weather or
c. By reason of proceedings taken or threatened by or dispute with adjoining or neighboring owners of public authorities arising, than through the Vendor’s won default or
d. By the works or delays of the Vendors tradesmen engaged or nominated by the Employer / Architect and not referred in the Schedule of Quantities and / or specifications or
e. By reason of civil, commotion, local combination of workmen or strike or lock-out effecting any of the buildings traders or
f. By reason of the Architect’s instructions as per clause 2, or
g. In consequence of the Vendor not having in due time, necessary instructions from the Architect for which he shall have specifically applied in writing ahead of time, giving the Architect reasonable time to prepare such instructions, the Architects shall make a fair and reasonable extension of time for completion of the Contract works. In case of such strike or lock-out, the Vendor shall as soon as possible, give written notice thereof the Architect, but the Vendor shall nevertheless constantly use his endeavors to prevent delay and shall do all they may reasonably be required, to the satisfaction of the Architect to proceed with the work. The Vendor on starting the works shall furnish to the Employer / Architect a PERT / CPM Programme for carrying out the work stage in the
stipulated time fore the approval of Architect / Employer and follow strictly the approved time schedule incorporating charges if any, to ensure the completion of the work in stipulated time. A graph or chart on individual work shall be maintained showing the proportionate progress of work week by week by Architect a weekly progress report stating the number of skilled and unskilled laborers employed on the work, working hours done, place, type, and quantity of work done during the period.

The Vendor must inform the Architect within 10 days in advance of all drawings and detailed required by him from time to time. The Vendor shall Adhere to the approved program and arrange for the materials and labour etc accordingly. Despite repeated instructions, if the Vendor fails to show proportionate progress of the work, the Architect / Employer may take suitable action and deemed fit without prejudice to any terms and conditions of the contract

13. LIQUIDATED DAMAGES

Should the work be not completed to the satisfaction of the Employer / Architects within the stipulated period, the Vendor shall be bound to pay to the Employer a sum calculated as given below by way of liquidated damages and not as penalty during which the work remains uncommenced or unfinished after the expiry of the completion date.
If the Vendor fails to complete the work by the Scheduled date of completion or within any sanctioned extended time, he will have to pay liquidated damages at 1% of contract amount for each week beyond the date that the work remains incomplete subject to maximum of 10% of the contract value (without extra items).

14. NOTICE AND PATENTS OF APPROPRIATE AUTHORITY AND OWNERS

The Vendor shall conform to the provisions of any Acts of the Legislature relating to the work, and to the Regulations and Bye-Laws of any authorities, and / or any water, lighting and other companies, and / or authorities with whose systems the structures were proposed to have connection and shall before making any variations from the drawings or specifications that may be associated to so conform, give the Employer / Architects written notices specifying the variations proposed to be made and reasons for making them and apply for instruction thereon. The Employer / Architects written notices specifying the variations proposed to be made and reasons for making them and apply for instruction thereon. The Employer / Architects on receipt of such intimation shall give a decision within a reasonable time. The Vendor/s shall arrange to give all notices required for by the said Acts, Regulations or Bye-laws to be given to any authority, and to pay to such authority or to any public officer all fees that may be properly chargeable in respect of the work and lodge the receipts with the Employer.

The Vendor shall indemnify the Employer against all claims in respect of patent rights, royalties, damages to buildings, roads or members of public in course of execution of work and shall defend all actions arising from such claims and shall keep the Employer saved harmless and indemnified in all respects from such actions, costs and expenses.
16. MATERIALS, WORKMANSHIP, SAMPLES, TESTING OF MATERIALS.

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 Employer / Architects during the execution of the work and to his entire satisfaction.

All mandatory tests shall be carried out as per CPWD specifications. If required by the Employer / Architects, the Vendor shall have to carry out tests on materials and workmanship in approved materials testing laboratories or as prescribed by the Employer / Architects at his own cost to prove that the materials etc., under test conform to the relevant IS Standards or as specified in the specifications. The necessary charges for preparation of mould (in case of concrete cube), transporting, testing etc., shall have to be borne by the Vendor. No extra payment on this account should in any case be entertained.

All the materials (except where otherwise described) stores and equipment required for the full performance of the work under the contract must be provided through normal channels and must include charges for import duties, sales tax, octroi and other charges and must be the best of their kind available and the Vendors must be entirely responsible for the proper and efficient carrying out of the work. The work must be done in the best workmanlike manner. **Samples of all materials to be used must be submitted to the Employer / Architects when so directed by the Engineer / Architects and written approval from Employer / Architects must be obtained prior to placement of order.**

Any damage (during constructions) to any part of the work for any reasons due to rain, storm or neglect of Vendor shall be rectified by the Vendor in an approved manner at no extra cost.

Should the work be suspended by reason of rain, strike, lockouts or any other cause, the Vendor shall take all precautions necessary for the protection of work and at his own expenses shall make good any damage arising from any of these causes.

The Vendor shall cover up and protect from damage, from any cause, all new work and supply all temporary doors, protection to windows, and any other requisite protection for the execution of the work whether by himself or special tradesmen or sub-Vendor and any damage caused must be made good by the Vendor at his own expenses.

17. REMOVAL OF IMPROPER WORK

The Employer shall during the progress of the work have power to order in writing from time to time the removal from the work within such reasonable time or times as may be specified in the order of any materials which in the opinion of the Employer / Architects are not in accordance with specification or instructions, the substitution or proper re-execution of any work executed with materials or workmanship not in accordance with the drawings and specifications or instructions. In case the Vendor refuses to comply with the order the Employer shall have the power to employ and pay other agencies to carry out the work and all expenses consequent thereon or incidental thereto as certified
by the Employer / Architects shall be borne by the Vendor or may be deducted from any money due to or that may become due to the Vendor. No certificate, which may be given by the Architects, shall relieve the Vendor from his liability in respect of unsound work or bad materials.

18. **SITE SUPERVISION**

The Architect may appoint a Site supervisor or clerk of works who shall be representative of the of the Architect. The duties of the supervisor representative are to watch and supervise the works and to test any materials to be used of workmanship employed in connection with the works. He shall have no authority either to relieve the Vendor of any of his duties or obligations under the Contract, or except those expressly provided hereunder, to order any work involving delay or any extra payment by the Employer or any variation of or in the works.

The Vendor shall afford the Employer’s representative every facility and assistance for examining the works and materials and checking the measuring time and materials. Neither the Employer’s representative nor any assistant to the Architect shall have power to revoke, alter enlarge or relax the requirements of this Contract, or to Sanction any day-work, additions, alterations, deviations or omissions unless such an authority may be specially conferred by a written order of the Architect / Employer.

The Employer’s Representative shall have to give notice to the Vendor or his foremen about the non-approval of any work or materials and such works shall be suspended or the use of such material should be discontinued until the decision of the Architect is obtained, the work will from time to time be examined by the Architect or the Employer’s representative but such examinations shall not in any way exonerate the Vendor from the obligation to remedy defects which may be found to exist at any stage of the work of after the same is completed. Subject to the limitations of this cause, the Vendor shall take instruction from the Architect / Employer.

19. **VENDOR’S EMPLOYEES**

The Vendor shall employ technically qualified and competent supervisors for the work who shall be available (by turn) throughout the working hours to receive and comply with instructions of the Employer / Architects. The Vendor shall engage at least one experienced Engineer as site-in-charge for execution of the work. The Vendor shall employ in connection with the work persons having the appropriate skill or ability to perform their job efficiently.

The Vendor shall employ local labourers on the work as far as possible. No labourer below the age of sixteen years and who is not an Indian National shall be employed on the work.

Any labourer supplied by the Vendor to be engaged on the work on day work basis either wholly or partly under the direct order or control of the Employer or his representative shall be deemed to be a person employed by the Vendor.

The Vendor shall comply with the provisions of all labour legislation including the requirements of

a) The payment of Wages Act.
b) Employer’s Liability Act.
c) Workmen’s Compensation Act.

e) Apprentices Act 1961

f) Minimum Wages Act

g) Any other Act or enactment relating thereto and rules framed there under from time to time.

The Vendor shall keep the Employer saved harmless an indemnified against claims if any of the workmen and all costs and expenses as may be incurred by the Employer in connection with any claim that may be made by any workmen.

The Vendor shall comply at his own cost with the order for requirement of any Health Officer of the State or any local authority or of the Employer regarding the maintenance of proper environmental sanitation of the area where the Vendor’s labourers are housed or accommodated, for the prevention of small pox, cholera, plague, typhoid, malaria and other contagious diseases. The Vendor shall provide, maintain and keep in good sanitary condition adequate sanitary accommodation and provide facilities for pure drinking water at all times for the use of men engaged on the works and shall remove and clear away the same on completion of the works. Adequate precautions shall be taken by the Vendor to prevent nuisance of any kind on the works or the lands adjoining the same.

The Vendor shall arrange to provide first aid treatment to the labourers engaged on the works. He shall within 24 hours of the occurrence of any accident at or about the site or in connection with execution of the works report such accident to the Employer and also to the competent Authority where such report is required by law.

20. DISMISSAL OF WORKMEN

The Vendor shall on the request of the Employer immediately dismiss from works any person employed thereon by him, who in the opinion of the Employer be unsuitable or incompetent or who may misconduct him. Such discharges shall not be the basis of any claim for compensation or damages against the Employer or any of their officer or employee.

21. ASSIGNMENT

The whole of the works included in the contract shall be executed by the Vendor and the Vendor shall not directly or indirectly transfer, assign or underlet the contract or any part, share or interest therein nor, shall take a new partner, without written consent of the Employer and no subletting shall relieve the Vendor from the full and entire responsibility of the contract or from active superintendence of the work during their progress.

22. DAMAGE TO PERSONS AND PROPERTY INSURANCE ETC

The Vendor shall be responsible for all injury to the work or 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-Vendor or of any of his or a sub-Vendor’s 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. The clause shall be held to include inter-alia, any damage to buildings whether immediately adjacent or otherwise, and any damage to roads, streets, foot paths or ways as well as damages caused to the buildings and the works forming the subject of this contract by rain, wind or other inclemency of the
weather. The Vendor shall indemnify the Employer and hold harmless in respect of all and any expenses arising from any such injury or damages to the person or property as aforesaid and also in respect of any claim made in respect of injury of damage under any acts on compensation or damage consequent upon such claim.

The Vendor shall reinstate all damages of every sort mentioned in this clause so as to deliver the whole of the contract works complete and perfect in every respect and so as to make good or otherwise satisfy all claims for damages to the property of third parties. The Vendor shall affect the insurance necessary and indemnify the Employer entirely from all responsibility in this respect. The insurance must be placed with a company approved by the Employer and must be effected jointly in the name of the Employer and Vendor and the policy lodged with the Employer. The scope of insurance is to include damage or loss to the contract itself till this is made over in a complete state. Insurance is compulsory and must be affected from the very initial stage. The Vendor 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.

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

23. MEASUREMENTS

Before taking any measurement of any work the Site Engineer or a subordinate deputed by him shall give reasonable notice to the Vendor. If the Vendor fails to attend at the measurements after such notice or fails to countersign or to record the difference within a week from the date of measurement in the manner required by Site Engineer or by the subordinate deputed by him as the case may be is final and binding on the Vendor and Vendor shall have no right to dispute the same.

24. PAYMENTS

All bills shall be prepared by the Vendor in the form prescribed by the Employer’s / Architects. Normally one interim bill shall be prepared each month subject to minimum value for interim certificate as stated in these documents. The bills in proper form must be duly accompanied by detailed measurements in support of the quantities of work done and must show deductions for all previous payments, retention money, etc.

The work done will be physically recorded by the architect/representative in the presence of the Vendor which shall be check measured by the Engineer in charge (APGVB) and duly signed by the Vendor or his representative .

The bill prepared by the Architect will be Scrutinized by the department and will be recommended to the competent Authority for Payment duly deducting at source retention Money ,IT and other taxes as applicable , as mentioned in the clauses.

If the Employer has supplied any materials or goods to the Vendor, the cost of any such materials or goods will be progressively deducted from the amount due to the Vendor in accordance with the quantities consumed in the work.

All the interim payments shall be regarded as payments by way of advance against the final payment only and not as payments for work actually done and completed, and shall not preclude the requiring of bad, unsound, and imperfect or unskilled work to be
removal and taken away and reconstructed, or re-erected or be considered as and admission of the due performance of the contract, or any part thereof in any respect or the accruing of any claim, nor shall, it conclude, determine or affect in any way the power of the Employer under these conditions or any of them as to the final settlement and adjustment of the accounts or otherwise or in any other way vary or affect the contract. The final bill shall be submitted by the Vendor within one week of the date fixed for completion of the work or of the date of certificate of completion furnished by the Architect and payment shall be made within one week from the date of receipt of Architect’s certificate.

**Final Payment**

The final bill shall be accompanied by a certificate of completion from the Architects. Payments of final bill shall be made after scrutiny by the department which will be recommended to the competent authority for payment after deduction of Retention Money as specified in clause 11 of these conditions, which shall be refunded after the completion of the Defects Liability Period after receiving the Architect’s certificate that the Vendor has rectified all defects to the satisfaction of the Architects. The acceptance of the payment of the final bill by the Vendor would indicate that he has no further claim in respect of the work executed.

25. **VARIATION / DEVIATION**

The tender rates shall be fixed and applicable for any increase or decrease in the tendered quantities. The Architect can increase or decrease any quantities to any extend or even delete particular item as per the site requirements and the Vendor shall not be paid any thing extra on this account. Nothing extra will be paid by the APSFC on account of omission / deletion of items or decrease in the quantity of items. The APSFC shall not entertain any claim whatsoever from the Vendor on this account.

The price of all additional items / non-tendered items will be worked out on the basis of rates quoted for similar items in the contract wherever existing. If similar items are not available, the rates for such items will be derived as per standard method of rate analysis based on prevalent fair price of labour, material and other components as required with 15% towards Vendor’s profit and overheads.

26. **SUBSTITUTION**

Should be Vendor desire to substitute any materials and workmanship, he/they must obtain the approval of the Employer / Architects in writing for any such substitution well in advance. Materials designated in this specification indefinitely by such term as “Equal” or “Other approved” etc. specific approval of the Employer / Architect has to be obtained in writing.

27. **CLEARING SITE ON COMPLETION**

On completion of the works the Vendor shall clear away and remove from the site all constructional plant, surplus materials, rubbish and temporary works of every kind and leave the whole of the site and the works clean and in a workmanlike condition to the satisfaction of the Employer/Architects.

28. **DEFECTS AFTER COMPLETION**
The Vendor shall make good at his own cost and to the satisfaction of the Employer all defects, shrinkage, settlements or other faults, which may appear within 12 months after completion of the work. In the default, the Employer may employ and pay other persons to amend and make good such damages, losses and expenses consequent thereon or incidental thereto shall be made good and borne by the Vendor and such damages, loss and expenses shall be recoverable from him by the Employer or may be deducted by the employer, in lieu of such amending and making good by the Vendor, deduct from any money due to the Vendor a sum equivalent to the cost of amending such work and in the event of the amount retained being insufficient recover that balance from the Vendor from the amount retained under clause no.11 together with any expenses the Employer may have incurred in connection therewith.

29. CONCEALED WORK

The Vendor shall give due notice to the Employer/Architects whenever any work is to be buried in the earth, concrete or in the bodies of walls or otherwise becoming inaccessible later on, in order that the work may be inspected and correct dimensions taken before such burial, in default whereof the same shall, at the opinion of the Employer/Architect be either opened up for measurement at the Vendor’s expenses or no payment may be made for such materials. Should any dispute or differences arise after the execution of any work as to measurements etc., or other matters which cannot be conveniently tested or checked, the notes of the Employer / Architects shall be accepted as correct and binding on the Vendor.

30. IDLE LABOUR

Whatever the reasons may be, no claim for idle labour, additional establishment cost of hire and labour charges of tools and plants would be entertained under any circumstances.

31. SUSPENSION OF WORKS

If the Vendor except on account of any legal restraint upon the Employer preventing the continuance of the work or in the opinion of the Employer shall neglect or fail to proceed with due diligence in the performance of his part of the contract or if he shall more than once make default, the Employer shall have the power to give notice in writing to the Vendor requiring the work to be proceeded within a reasonable manner and with reasonable dispatch, such notice purport to be a notice under this clause.

After such notice shall have been given, the Vendor shall not be at liberty to remove from the site of the works or from any ground contiguous thereto any plant or materials to subsist from the date of such notice being given until the notice shall have been compiled with. If the Vendor fails to start the work within seven days after such notice has been given to proceed with the works as therein prescribed, the employer may proceed as provided in clause 43. (Termination of Contract by Employer)

32. TERMINATION OF CONTRACT BY EMPLOYER

If the Vendor being a company go into liquidation whether voluntary or compulsory or being a firm shall be dissolved or being an individual shall be adjudicated insolvent or shall make an assignment or a composition for the benefit of the greater part, in number of amount of his creditors or shall enter into a Deed or arrangement with his creditors, or if the Official Assignee in insolvency, or the Receiver of the Vendor in insolvency,
shall repudiate the contract, or if a receiver of the Vendor’s firm appointed by the court shall be unable within fourteen days after notice to him requiring him to do so, to show to the reasonable satisfaction of the employer that he is able to carry out and fulfill the contract, and if so required by the employer to give reasonable security therefore, or if the Vendor shall suffer execution to be issued, or shall suffer any payment under this contract to be attached by or on behalf of and of the creditors of the Vendor, or shall assign, charge or encumber this contract or any payments due or which may become due to Vendor, there under, or shall neglect or fail to observe and perform all or any of the acts matters of things by this contract, to be observed and performed by the Vendor within three clear days after the notice shall have been given to the Vendor in manner hereinafter mentioned requiring the Vendor to observe or perform the same or shall use improper materials of workmanship in carrying on the works, or shall in the opinion of the employer not exercise such due diligence and make such progress as would enable the work to be completed within due time agreed upon, and shall fail to proceed to the satisfaction of the employer after three clear days notice requiring the Vendor so to do shall have been given to the Vendor as hereinafter mentioned or shall abandon the contract, then and in any of the said cases, the Bank may notwithstanding previous waiver determine the contract by a notice in writing to the effect as hereinafter mentioned, but without thereby effecting the powers of the employer of the obligations and liabilities of the Vendor the whole of which shall continue in force as fully as if the contract, had not been so determine and as if the works subsequently executed by or on behalf of the Vendor (without thereby creating any trust in favour of the Vendor) further the employer or his agent, or servants, may enter upon and take possession of the work and all plants tools scaffolding sheds machinery, steam, and other power, utensils and materials lying upon premises or the adjoining lands or roads and sell the same as his own property or may employ the same by means of his own servants and workmen in carrying on and completing the works or by employing any other Vendors or other persons or person to complete the works, and the Vendor shall not in any way interrupt or do any act, matter or thing to prevent or hinder such other Vendors or other persons or person employed from completing and finishing or using the materials and plants for the works when the works shall be completed, or as soon thereafter as conveniently may be the employer shall give notice in writing to the Vendor to remove his surplus materials and plants and should the Vendor to remove his surplus materials after receipt by him the employer may sell the same by Public Auction and shall give credit to the Vendor for the amount so realized. Any expenses or losses incurred by the Vendor for the amount so realized. Any expenses or losses incurred by the employer in getting the amount payable to the Vendor by way of selling his tools and plants or due on account of work carried out by the Vendor prior to engaging other Vendors or against the Security Deposit.

33. ARBITRATION

All disputed or differences of any kind whatsoever which shall at any time arise between the parties hereto touching or concerning the works or the execution or maintenance thereof this contract or effect thereof or to the rights or liabilities of the parties or arising out of or in relation thereto whether during or after determination foreclosure or breach of the contract (other than those in respect of which the decision of any person is by the contract expressed to be final and binding) shall after written notice by either party to the contract to the other of them and to the Employer hereinafter mentioned be referred for adjudication to a sole Arbitrator to be appointed as hereinafter provided.

For the purpose of appointing the sole Arbitrator referred to above, the Employer will send within thirty days of receipt of the notice, to the Vendor a panel of three names of
persons who shall be presently unconnected with the organization for which the work is executed from the following categories of Arbitrators”:-

a. Retired High Court/Supreme Court judge who have experienced in handling Arbitration Cases.
b. Member of Council of Arbitrators
c. Fellow of the Institution of Engineers
d. Eminent Retired Chief Engineer from State/Central PWD/Public sector undertaking of good reputation and integrity
e. Fellow of Indian Institute of Architects

The Vendor shall on receipt of the names as aforesaid, select any one of the persons name to be appointed as a sole Arbitrator and communicate his name to the Employer within thirty days of receipt of the names. The Employer shall thereupon without any delay appoint the said person as the Sole Arbitrator. If the Vendor fails to communicate such selection as provided above within the period specified, the Competent Authority should make the selection and appoint the selected person as the Sole Arbitrator.

If the Employer fails to send to the Vendor the panel of three names as aforesaid within the period specified, the Vendor shall send to the Employer a panel of three names of persons who shall all be unconnected with either party. The Employer shall on receipt appoint him as the Sole Arbitrator. If the Employer fails to select the person and appoint him as the Sole Arbitrator within 30days of receipt of the panel and inform the Vendor accordingly, the Vendor shall be entitled to appoint one of the persons from panel as the Sole Arbitrator and communicate his name to the Employer.

If the Arbitrator so appointed is unable or unwilling to act or resigns his appointment or vacates his office due to any reason whatsoever another Sole Arbitrator shall be appointed as aforesaid.

The work under the Contract shall, however, continue during the arbitration proceedings and no payment due or payable to the Vendor shall be withheld on account of such proceedings.

The Arbitrator shall be deemed to have entered on the reference on the date he issued notice to both the parties fixing date of the first hearing.

The Arbitrator may from time to time, with the consent of the parties, enlarge the time for making and publishing the award.

The arbitrator shall give a separate award in respect of each dispute or difference referred to him. The Arbitrator shall decide each dispute in accordance with the terms of the contract and give a reasoned award. The venue of arbitration shall be such place as may be fixed by the Arbitrator in his Sole discretion.

The award of the Arbitrator shall be final and binding on the both the parties.

Subject to aforesaid the provisions to the Arbitration Act. 1992 or any statutory modification or re-enactment thereof and the rules made there under, and for the time being in force, shall apply to the arbitration proceeding under this clause.
The Employer and the Vendor hereby also agree that arbitration under clause shall be condition precedent to any right to action under the contract with regard to the matters hereby expressly agreed to be so referred to arbitration.
SPECIAL CONDITIONS OF CONTRACT

1. DRAWINGS AND SPECIFICATIONS

The works shall be carried out to the entire satisfaction of the EMPLOYER and the Architect, in accordance with the signed drawings and specifications and such further drawings and details as may be provided by the Architect, and in accordance with such written instructions, directions and explanations as may from time to be given by the Architect, whose decision as to the sufficiency and quality of the work and materials shall be final and binding upon all parties. If the work shown on any such further drawings or work that may be necessary to comply with any such instructions directions or explanations, be in the opinion of the Vendor extraction that comprised in or reasonably to be inferred from the contract he shall before proceedings with such work, give notice in writing to this effect to Architect, and in the event of the Architects agree to the same in writing the Vendor shall be entitled to an allowance in respect of such extra work as on authorized extra. If the Architect and the Vendor fail to agree as to whether or to there is an extra, then, if the Architect decided that the Vendor is to carry out the said work, the Vendor shall do so, and the question whether or not there is any extra, and it so the amount thereof, shall failing agreement, be settled by Arbitration as hereinafter provided, but such references shall in no way delay the fulfillment of this contract.

No drawings shall be taken as in itself on order for variation unless, in addition to the Architect’s signature, it bears express words stating that is intended to be such an order or bears a remark ‘VALID FOR EXECUTION’. No claim for payment for extra work shall be allowed unless the said work shall have been executed under the provisions of clause 6 (Authorities notices, patent right and royalties) or by the Authorities of directions in drawing of the Architect as herein mentioned.

One complete set of the signed drawings and specification and scheduled of quantities shall be furnished by the Architect to the Vendor. The Architect shall furnish within such time, as he may consider reasonable, one copy of any additional drawing, which is his opinion, may be necessary for the execution of any part of work. Such copies shall be kept at the works, and the architect or his representatives shall, at all reasonable time have access to the same and shall be return to the Architect by the Vendor before the issue of the Final certificate. The contract shall remain in the custody of the Architect, and shall be produced by him at his office as and when required by the Employer or by the Vendor.

2. INSPECTION OF DRAWINGS

Before filling in the tender, the Vendor will have to check up all drawings and schedule of quantities, and will have to get an immediate clarification from the Architect on any point that he feels is vague or uncertain. No claim of damages or compensation will be entertained on this account.

3. EXECUTION OF WORK (PRICES TO INCLUDE)

The whole of the work is described in the contract a (including the schedule of Quantities, the specifications and all drawing pertaining there to) and as advised by Architect from time to time is to be carried out and completed in all its parts to the entire satisfaction of the Architect. Any minor details of the work which may not have
been definitely referred to in this contract, but which are usual in practice and essential to the work, are deemed to be include in this contract. Rates quoted in the Schedule shall be inclusive of all freights, taxes, such as octroi, sales tax, Royalties, duties, excise, turnover tax, sales tax on works contract, etc., as well as transportation, so as to execute the Vendor as per the rules and regulations of Local Bodies, State Government and Government of India.

The rates quoted in the tender should include all charges for:

a. Labor, maintenance fixing, carrying, cleaning, making good, hauling, watering etc

b. Plant, machinery, scaffolding, framework, English ladders, ropes, nails, spikes, tools, materials and workmanship protection from weather, shuttering, temporary supports, platform and maintenance of the same.

c. Covering for the walling and other works during inclement weather or striking or whenever directed as necessary.

4. SITE SUPERVISION

The Vendor shall appoint at his own cost competent and adequate number of qualified Engineers at site, for (1) joint measurements and preparations of bills, (2) for testing materials at site and outside laboratory, (3) for other general supervision. Their appointment shall be approved by the Employer / Architect. The site Engineers shall not be removed from the site without the written consent of the Employer / Architect.

5. DIMENSIONS

Figures, dimensions, are in all case to be accepted preferences to scaled sizes. Large-scale details take precedence over small-scale drawings. In case of discrepancy, the Vendor is to ask for a clarification before proceeding with the work. Accordingly if any work is executed without prior clarification it is liable to be rejected and shall not be paid for.

6. PROGRAMME OF WORKS

Vendor shall have to prepare and submit the CPM/PERT charges for Architect’s approval immediately after issue of the work order and display the approved charts in the site office. He shall also make bar charts indicating individual items and during the progress of work he shall update the bar charts showing the proportionate progress of work every week.

He shall strictly adhere to the programme of works as per CPM/PERT charts showing the proportionate progress of work.

7. PROCUREMENT OF MATERIALS

Vendor shall procure all the materials for the work from the open market. Time is the essence of the contract. Acceptance of the completion date by the Vendor shall mean that he has taken into consideration the availability of all material of approved make and quality in sufficient quantities at site to enable him to complete the entire work in the stipulated period.
Vendor will get sample of all materials approved by the Employer / Architect before placing order / purchase / procurement. They shall conform to I.S. codes and or tender specification as applicable.

For all materials the Vendor shall quote for the best quality of the materials of best make / source or supply and it will be got approved by Employer / Architect before procurement.

In case sufficient quantities of approved quality materials from approved source are not available in time, Vendor may have to procure the same for neighboring area with longer leads as required and directed at no extra cost. The material will be, however as per relevant I.S code as and wherever applicable.

8. UNFIXED MATERIALS

When any materials intended for the works shall have been placed at site by the Contract, such material shall not be removed there from (except for the purposes of being used on the works) without the written authority of the Employer / Architect and when the Vendor shall have received payment in respect of any certificate in which the architect shall have stated that he has taken in to account to value of such unfixed materials on the works such material shall become the property of the Employer and the Vendor shall be liable for any loss or damage to any such materials.

9. CUSTODY AND SECURITY OF MATERIALS

The Vendors shall be responsible for the custody and security of all materials and equipment at site and he will provide full time watchman / watchmen to lock after his materials, stores equipments etc.

10. RATES

Vendor shall quote all the rates both in figures and in words and any alterations shall have to be initiated by the Vendor. Rates quoted by the Vendor for the same item in different schedules will be same and in case different rates are quoted, the lowest will be taken as correct and the schedule corrected accordingly. Incase of discrepancy between figures and the words the rate quoted in words shall be taken as correct one.

All quoted rates should be inclusive of sales tax on works contract. Rates quoted by the Vendor shall hold good for all the work carried out to any height and depth as shown in detailed drawings and as required and directed by the Architect.

Rates quoted by the Vendor shall also hold good for any small work at any place at site.

11. PRICES FOR EXTRAS ETC., ASCERTAINMENT OF

Should it be found after the completion of the works from measurements taken (in accordance with the previous paragraph) that any of the quantities or amounts of the work thus ascertained are less or greater than the amounts specified for the works in the priced schedule of quantities and / or tender or that any variations, is made, the valuation of such quantities, amounts or variations, unless previously or otherwise agreed upon, shall be made accordance with the following rules

a. The net rates or prices in the original tender shall determine the valuation of the extra work, where extra work is of a similar character and executed under similar conditions the work priced therein.
b. The net prices the original tender shall determine the value of the item omitted, provided if omissions vary the conditions under which any remaining items of work are carried out, the prices for the same shall be valued under thereof.

c. Where extra works are not of similar character and / or executed under similar conditions as aforesaid or where the omissions vary, the conditions under which any remaining items of work are carried out of it the amount of any omission or additions relative to the amount of the whole of the contract works or to be any part thereof shall be such that in the opinion of the Architects the net rate or price contained in the priced schedule of quantities or tender or for any item of work involves loss or expenses beyond that reasonably contemplated by the Vendor or is by reason of such omission or addition rendered unreasonable or inapplicable, the Architect shall fix in consultation with the Employer such other rate or prices as in the circumstances he shall think reasonable and proper, which shall be final and binding on the Vendor.

d. Where extra work cannot be properly measured or valued, the Vendor shall be allowed any work prices at the net rates stated in the tender or the priced schedule of quantities, or if not so stated, then in accordance with the local day work rates and wages for the district, provided that in either case vouchers specifying the daily time (and if required by the Architect, the workmen’s name) and materials employed at or before the end of the week following that in which the work has been executed.

The measurements and valuations in respect of the extra items of contract shall be completed within the 'period of final measurement' or with in three months of the completion of the contract works as defined under clause no 16 (Certificate of Virtual Completion)

12. EXTRA ITEMS RATES

The work or extra items shall be started only after the approval of extra items rates by client / Architect. Rates for additional or extra items of construction work, which can be derived from the contract item rates and are not covered in the contract, shall be calculated on the basis of actual cost plus 10 % for profit.

13. ARCHITECT’S DRAWINGS AND INSTRUCTIONS

A set of major drawings along with the contract documents shall be provided to the Vendor. For any clarifications or further drawings are required by the contract, during or before the start of construction work, the Vendor shall inform the Architects in writing to provide the same. Working details will be given to the Vendor from time to time during the progress of work as and when required. In case of other drawing is required by the Vendor he will give a minimum ten days notice to the Employer / Architect.

14. FAILURE BY VENDOR COMPLY WITH ARCHITECT INSTRUCTIONS

If the Vendor after receipt of written notice from the architect requiring compliance with such further drawings and / or Architects instruction, fails within seven days to comply with the same, the Employer / Architect may employ and pay other persons to execute any such work whatsoever as may be necessary to give effect thereto and all cost incurred in connection there with shall be recoverable from the Vendors by the Employer on a Certificate by the Architect as a debit or may be deducted by him from any money due or which become due to the Vendors.
15. INFORMATION TO BE SUPPLIED BY THE VENDOR

a. The Vendor shall furnish the Employer / Architect the following:
b. Detailed industrial statistics regarding the labor employed by him etc
c. The Power of Attorney, name and signature of his authorized representative who will be in
   charges for the execution of work
d. The list of technically qualified persons employed by him for the execution of this work.
e. The total quantity and quality of materials used for the works.
f. The list of plant and machinery employed for this work.

16. ARCHITECT’S DELAY IN PROGRESS

The Architect may delay the progress of the works in case of rains or otherwise, without vitiating the contract and grant such extension of time with the approval of the employer for the completion of the contract as he may think proper and sufficient in consequences of such delay, and the Vendor, shall not make any claim for compensation or damage in relation thereto.

17. CERTIFICATE AND PAYMENTS

The Vendor shall be paid by the Employer from time to time, by installments under interim Certificates to be issued by the Architect to the Vendor on account of the works executed by the Vendor when in the opinion of the Architect, work to the approximate value, named in the Appendix as ‘Value of work for interim Certificates’ (or less at the reasonable discretion of the Employer / Architect) has been executed in accordance with this contract, subject however, to a retention of the percentage of such value need in the Appendix hereto mentioned as ‘retention percentage for interim Certificates’ until the total amount retained shall reach the sum named in the appendix as Total Retention money after which time the installments shall be up to the full value of the work subsequently so executed in the interim Certificate, such amount as he may consider proper on account materials delivered upon the site by the Vendor for use in the work. And when the works have been virtually completed and the Architect shall have certified in writing that they have been completed, the Vendor shall be paid in accordance with the Certificate issued by the Architect the sum of money named in the Appendix after satisfying themselves as ‘Installment after Virtual Completion ‘ being a part of the said ‘Total Retention Money’.

The Vendor shall be entitled to the payment of the final balance in accordance with the final Certificate to be issued in writing by the Architect at the expiration of the period refer to as ‘The Defect Liability Period’ in the Appendix hereto, from the date of Virtual Completion or as soon as after the expiration of such period as the work shall have been finally completed and all defect made good according to the true intent and meaning hereof, whichever shall happen, provided always that the issue by the Architect of any certificate during the progress of the works or after the completion shall not relieve the Contract from his liabilities in cases of fraud, dishonesty or fraudulent concealment relating to the works of materials or any matter dealt within the certificate, and in case of all defects and insufficiency in the works or materials which reasonable examination world have disclosed. No certificate of the Architect shall of itself be conclusive evidence that any works and materials to which it relates are in accordance with the contract.

Signature of Vendor  APGVB HO WARANGAL  Page 35-66
The Architect shall have power to withhold any certificate if the works or any part thereof are not being carried out to his / employer satisfaction.

The Architect may by any Certificate make any correction in any previous Certificate, which shall have been issued by him.

Payment upon the Architect’s Certificates shall be made within a period named in the Appendix as ‘Period of honoring of Certificates’ after such Certificates have been delivered to Employer.

18. DELAYED PAYMENTS

Any amounts payable by the Employer to the Vendor in pursuance of any Certificate given by the Architect hereunder shall, if not paid within the ‘Period of honoring of Certificate’ no interest paid by the Employer.

19. FORCE MAJEURE

Neither party shall be held responsible by the other for breach of any condition of this agreement attributable to any ‘Act of God’ Act of state, lockout of control or any other reason, beyond the control of the parties and any breach of clauses arising from much force majeure conditions as aforesaid shall not be regarded as a breach of the provision of this Agreement.

20. INCOME-TAX

Income Tax shall be deducted at source by the client from the Vendor’s interim and final bill payments as per Statutory Regulations.

21. SITE MEETINGS

A senior representative of the Vendor shall attend weekly meetings at works site and in addition meetings as and when arranged by Architect to discuss the progress of the work and sort out problems, if any and ensure that the work is completed in the stipulated time.

22. ACTION WHERE THERE IS NO SPECIFICATION

In case of any class of work for which is there is no specification mentioned, the same will be carried out in accordance with the Indian Standards Specifications subject to the approval of the Architect.

23. REPORTING OF ACCIDENT TO

The Vendor shall be responsible for the safety of persons employed by him on the works and shall reports serious accidents to any of them whenever and wherever occurring on the works to employer who shall make every arrangement to render all possible assistance. This shall be without prejudice to the responsibility of the Vendor under the Insurance Clause of the general conditions. Vendor shall take all precaution detailed in the safety code attached separately.

24. TYPOGRAPHICAL CLERICAL ERRORS

The Employer / Architect clarification regarding partially omitted particulars of typographical or Clericals errors shall be final and binding on the Vendors.

25. WORK PERFORMED AT VENDOR’S RISK
The Vendor shall take all precautions necessary and shall be responsible for the safety of the work and shall maintain all lights, goods, signs, temporary passages or other protection necessary for the purpose. All works shall be done by the Vendor’s risk and if any loss or damage shall result from fire or from others cause, the Vendor shall promptly repay or replace such loss or damage free from all expenses to the employer.

The Vendor shall be responsible for any loss or damage to materials, tools or other articles used held for use in connection with the work. The work shall be carried on to completion without interferences with the operations of existing machinery or equipment, if any.

26. SPECIAL CONDITIONS OF CONTRACT

In the event of any discrepancy with clauses mentioned anywhere else in the tender with the clauses mentioned within special conditions of contract, the clauses mentioned within the special conditions of contract shall supersede those mentioned elsewhere.
FORM OF AGREEMENT

ARTICLES of AGREEMENT made this ________ day of __________ year 2020 between the APGVB Head office, Warangal (Hereinafter referred to as the “Employer / Owner” which expression shall, unless excluded by or repugnant to the context, includes its successors and assigns) of the ONE PART and ___________ of ___________ (Hereinafter referred to as “Vendor” unless excluded by or repugnant to the context, includes its successors and assigns) of the OTHER PART.

WHEREAS the Employer intends to carry out SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF ONE NUMBER MINIMUM 10-PASSENGERSCUM EQUIPMENT (GEARLESS/ MACHINE ROOM LESS) ELEVATORS TO SERVE STILT, 1ST, 2ND, 3RD & 4TH FLOORS (4TH IS TERRACE FLOOR) (i.e. AT5 STOPS/ 5 OPENINGS FOR APGVB OWN BUILDING AT NALGONDA, TELANGANA (Herein referred to as “Project”).

AND WHEREAS the Employer in order to effectively carry out the said works has engaged M/s. ABHIKRAM-S (Hereinafter referred to as “Architects”) to prepare plans, drawings and specifications describing the works to be executed by the Vendors for the project, to open tenders received at the office of the Employer, to scrutinize and recommend to the Employer the name(s) of the Vendor(s) from whom tenders were received and recommended to the Employer for the issue of work order to the Vendor.

AND WHEREAS for the purpose of the said project, the Employer invited sealed tenders from experienced, resourceful and bonafide Vendors vide his Notice Inviting Tender (NO.____________ dated.______________).

WHEREAS the Vendor submitted his Tender Documents containing General Notes, General Conditions of the Contract, Technical Specifications and Schedule of Quantities etc. for the works, prepared with the assistance of Consultants (Hereinafter collectively referred to as the “said conditions”), duly signed on each page as a token of his acceptance of the same, along with requisite Earnest Money Deposit of Rs.______________ (Copy enclosed Vide Annexure-1).

AND WHEREAS out of the Tenders received, the Tender of the Vendor was found to be most suitable for the project.

AND WHEREAS the Architect has accordingly recommended to the employer for issue of work order to the Vendor subject to his furnishing the requisite Security Deposit (Copy enclosed Vide Annexure-II).

AND WHEREAS the employer has issued the Work Order (No.________ dated._______) to the Vendor.

AND WHEREAS the Vendor has accepted the aforesaid Work Order vide his letter of acceptance NO.____________ dt.________________ (Copy enclosed Vide Annexure III) and has also deposited with the Employer a sum of Rs.____________ which with the Earnest Money of Rs._________ forms the requisite Security Deposit @ 1% of the accepted Tender Value of Rs._________.

AND WHEREAS the Employer has caused the plans, drawings, specifications, schedule of quantities etc. relating to the project at the work site at to be issued to the Vendor.

NOW, therefore, it is hereby agreed to and between the parties as follows:

1) Contract documents

The following documents shall constitute the Contract Documents.

I. This Article of Agreement.

Signature of Vendor APGVB HO WARANGAL

Page 38-66
II. Tender submitted by the Vendor included the N.I.T and Tender Documents(Vide Annexure-I).

III. All correspondence between the Bank/Architects and the Vendor from the date of issue of N.I.T and the date of issue of work order.

IV. Work order No.______________dt.______________(Vide Annexure-II).

2) In consideration of the payments to be made to the Vendor as hereinafter provided the Vendor shall upon and subject to the said conditions, execute and complete the contracted works shown upon the said drawings etc. and such further detailed drawings as may be furnished to the Vendor by the said Owner/Employer through the Architects and described in the said Specifications and the said Schedule of Quantities.

3) Notwithstanding what are stated in the N.I.T conditions of Tendering, Conditions of Contract of herein before stated by the Employer through the Architects, reserves itself the right of altering the drawings and the nature of the work and addition to or omitting any items of work or of having portions of same carried out departmentally or otherwise and such alterations or variations shall be carried out without prejudice to this contract.

4) As mentioned in Article 1 above, the said conditions shall be read and be treated as forming part of this agreement and parties hereto will respectively be bound thereby and to abide by and submit themselves to the conditions and stipulations and perform the same on their parts to be respectively observed and preferred.

5) Any dispute arising under this agreement shall be referred to the Arbitration in a manner specified in the General Conditions of the Contract and all legal disputes shall be limited within the territorial jurisdiction of the Hyderabad thereto. The decision of the arbitration shall be final and binding on both the parties.

IN WITNESS WHEREOF THE PARTIES to there present have hereunder set and subscribed their hands, the day, month and year first above written.

Signed and delivered for and on behalf of
APSFC
Shri._______________

____________________
Its duly authorized official
In the presence of –

1. (Name and Address)

2. (Name and Address)

Signed and delivered for and on behalf of The Vendor ________________by
Shri__________________________his Duly authorized official In the presence of –

1. (Name and Address)
2. (Name and Address)
OTHER CONDITIONS

1. Interpretation:

(i) Vendor’s Risks:

All risks of loss or damage to physical property and of personnel injury and death, which arise during and in consequence of the performance of the Contract are the responsibility of the Vendor.

(ii) Insurance:

The Vendor shall provide CAR Policy in the joint names of the State Bank of India and the Vendor, insurance cover from the Start Date to the end of the Defects Liability Period i.e., 12 months after completion for the following events which are due to the Vendor’s risks.

a) loss of or damage to the Works, Plant and Materials;
b) loss of or damage to the Equipment;
c) loss of or damage of property in connection with the Contract; and
d) Personal injury or death of persons employed for the work/construction.

Policies and certificates of insurance shall be delivered by the Vendor to the Bank at the time of concluding Agreement. All such insurance shall provide for compensation to be payable to rectify the loss or damage incurred.

e) The Vendor shall furnish insurance policy in force in accordance with proposal furnished in the Tender and approved by the Department for concluding the agreement.

f) In case of failure to act in the above said manner the department will pay the premium and the same will be recovered from the Vendors payments. Alterations to the terms of insurance shall not be made without the approval of the Engineer-in-Charge.

(iii) Site Inspections:

The Vendor should inspect the site, lift shaft and lift pit etc and quote the rates including cost and conveyance of all materials and machinery and all other charges etc.

(iv) Vendor to Construct the lift works:

The Vendor shall construct and Commission the Work in accordance with the specifications.

(v) The works to be Completed by the Intended Completion Date:

The Vendor may commence execution of the Works on the Start Date and shall carry out the Works in accordance with the programme submitted by the Vendor, as updated with the approval of the Bank, and complete the work by the Intended Completion Date.

(vi) Safety:

The Vendor shall be responsible for the safety of all activities on the Site and provide necessary safety Belts and Safety Shoes and uniform for their Technicians & Workers.

(vii) Instructions:

The Vendor shall carry out all instructions of the Bank and comply with all the applicable local laws where the site is located.
1. Bills claim:

For claiming payments, the following documents are to be submitted to the paying authority:

i) Excise gate pass/invoice or equivalent document
ii) Delivery Challan and packing list.
iii) Consignee receipt
iv) Proof of payment of octoroi/ entry pass etc., if any.

2. Taxes, Duties & Levies:

The Vendor / Agency shall be fully responsible and liable for the payment of all taxes etc., on all materials and accessories that you may provide for this work and shall ensure such payments in time. Employer (APGVB) shall not be responsible for payment of any such Taxes & duties etc., under any circumstances whatsoever.

3. Electrical Power:

(i). APGVB will provide permanent power supply to the Distribution Board to be installed by the Vendor in the lift machine room for testing and commissioning of Lift free of cost.

(ii). “The Vendor shall get all the electrical works done only through the licensed electrical Vendors / permit holders as registered with or licensed by T.P.S. Electrical licensing Board.

4. Labour:

(i). The Vendor shall, make his own arrangements for the engagement of all staff and labour, local or other, and for their payment, housing, feeding and transport.

(ii). Labour importation and amenities to labour and Vendor’s staff shall be to the Vendor’s account. His quoted percentage shall include the expenditure towards importation of labour, amenities to labour and staff.

The Vendor shall take necessary precautions for safety of the workers and preserving their health while working in such jobs, which require special protection and precautions. The following are some of the measures listed but they are not exhaustive and Vendor shall add to and augment these precautions on his own initiative where necessary and shall comply with directions issued by the Bank or on his behalf from time to time and at all times.

i) Providing protective head wear to workers to protect them against rock falls.

ii) Supply work men with proper safety belts, ropes etc., when working in precarious heights and slopes etc.

iii) Avoiding naked electrical wire etc., as they would electrocute the works.

5. Compliance with Labour Regulations

During continuance of the contract, the Vendor and his sub Vendors shall abide at all times by all existing labour enactments and rules made there under, regulations, notifications and bye laws of the State or Central Government or local authority and any other labour law (including rules), regulations, bye laws that may be passed notifications that may be issued under any labour law in future either by the State or the Central Government or the local authority and also applicable labour regulations, health and sanitary arrangements for workmen, insurance and other benefits. Salient features of some of the major labour laws that are applicable to construction industry are given below.

The Vendor shall keep the Employer (APGVB) indemnified in case any action is taken against Employer (APGVB) by the competent authority on account of contravention of any of the
provisions of any Act or rules made there under regulations or notifications including amendments. If the Employer (APGVB) is caused to pay or reimburse, such amounts as may be necessary to cause or observe, or for non observance of the provision stipulated in the notification / bye laws/Acts/Rules/Regulations including amendments, if any, on the part of the Vendor, the Employer (APGVB) shall have the right to deduct any money due to the Vendor including his amount of performance security. The Employer (APGVB) shall also have right to recover from the Vendor any sum required or estimated to be required for making good the loss or damage suffered by the Employer (APGVB).

i) The Vendor shall be responsible for the security of the works for the duration of the contract and shall provide and maintain continuously adequate security personnel to fulfill these obligations. The requirements of security measures shall include, but not limited to maintenance of order on the site, provision of all lighting, fencing, guard flagmen and all other measures necessary for the protection of the works within the colonies, camps and elsewhere on the site, all materials delivered to the site, all persons employed in connection with the works continuously throughout working and non working period including nights, Sundays and holidays for duration of the contract.

ii) Other Vendors working on the site concurrently with the Vendor will provide security for their own plant and materials. However, their security provisions shall in no way relieve the Vendor of his responsibilities in this respect.

iii) Separate payment will not be made for provision of security services and its cost shall be deemed to have been included in the offer of tender / contract.

6. SERVICING:
Free servicing will have to be done by the firm for a period of Twelve Months from the date of commissioning the lift i.e. during the guarantee/warranty period.
The agency authorized representative shall be available on the mobile phone on a 24 Hrs X 7 days basis for registering a complaint.

7.) Fire fighting measures:
a) The Vendor shall provide and maintain adequate firefighting equipment and take adequate fire precaution measures for the safety of all personnel and temporary and permanent works and shall take action to prevent damage to destruction by fire.
b) Separate payment will not be made for the provision of fire prevention measures.

8.) SPECIFICATIONS:
The supply and erection of lift should be in conformity of standards as per I.S.I. specifications.

9.) SCAFFOLDING:
Scaffolding to the required extent in the hoist way and providing necessary safety barriers at landing entrances etc have to be erected and retained till completion of erection by the lift Vendor at his cost.

10) STEEL:
The rate quoted should also include necessary steel required for necessary RSJ joists for mounting the motor and gear box, still support angles hitch beams, buffer support channels and bearing plates etc. The Department will not be responsible for any mishaps during execution of equipment. Any increase in rates of steel shall be to the Account of Lift suppliers only.

11) TRANSPORT & STORAGE:
Signature of Vendor APGVB HO WARANGAL
The materials will have to be delivered at site and stored at the cost of the firm. The safety of the material will be ‘Vendors’ responsibility till the equipment is handed over duly commissioned. Any damage or loss of the materials stored will be to the account of tenderer. Any repairs or replacement etc., needed to the materials so stored should be done at the cost of tenderer till the lift is handed over in satisfactory, operating condition after testing and commissioning. All the expenses should be borne by the Vendor.

12) EARTHING & OTHER ELECTRICAL WORKS:

Necessary earthing is to be provided by the firm in confirmation to the relevant I.S.I. specifications.

13) Tests:
The manufacturers shall conduct all tests required to ensure the equipment furnished confirm to the requirement of applicable standard and codes.

14) DRAWINGS:

i. The Vendor shall inspect the site before submitting the tender and before preparation of lift drawings.

ii. APGVB reserves the right to make alterations to the building plans during execution of work as per necessity of site conditions. The premium quoted by the Vendor for various items shall hold good for execution of work even with altered plans.

iii. The successful tenderer shall submit, in duplicate, within a week on receipt of acceptance of the tender, General Arrangement Drawings (GAD) Shop drawings, detailed working drawings and specifications showing the complete details of all work to the Employer (APGVB). The drawings will be scrutinized by the Employer / Architect and returned to the tenderer within one week of receipt, duly approved or with observations.

iv. The General Arrangement Drawing shall also include the following drawings:

(a) Hoist way plan for the lift.
(b) Lift machine rooms showing all machines, beams runway beams etc. and their reactions on the building.
(c) Lift pit plans with details of reaction load on the pit floor.
(d) Hoist way sections showing all structural supports required.
(e) Elevations of all lifts.
(g) Structural opening at hoist ways.
(h) Detail of lift entrances.
(i) Plan and section of lift cars.

15). It shall be the endeavor of Elevator Manufacturers to Propose Maximum Car Size possible in the available Hoist way without Sacrificing Aesthetics & Functional Requirements.

16). The lift Vendor shall be responsible for any discrepancies, errors and omissions in the drawing or particulars submitted by him even if these have been approved by the APGVB.

17) Conditions of A.M.C:

(i) The Annual Maintenance Contract should be comprehensive nature, should cover all parts of the Lift, Machine, Car etc.,

(ii) The AMC amount for a particular year will be paid quarterly in advance.

(a) The A.MC will be started after the warranty period expires.

(b) The Vendor should arrange for monthly once inspection and general servicing of the entire lift.
(iii) During emergency the service representative should attend within 1 hour.
(iv) All the compliant calls should be closed within 24 hrs.
(v) Agree to carry out the comprehensive maintenance of the lift under this scope of work after completion of one year guarantee period+3 years AMC period at rates derived from IEEMA (INDIAN ELECTRICAL & ELECTRONICS MANUFACTURES ASSOCIATION)

18) Guarantee:
(i). All equipments shall be guaranteed for period of 12 months, from the date of taking over the installation by the user department against unsatisfactory performance and/or break down due to defective design workmanship or material. The equipments or components or any part thereof, so found defective during guarantee period shall be forthwith repaired or replaced free of cost, to the satisfaction of the Engineer-in-charge. In case it is felt by the department that undue delay is being caused by the Vendor in doing this the same will be got done by the department at the risk and cost of the Vendor. The decision of the Engineer-in-charge in this regard shall be final & building on the Vendor.
(i). The tender shall guarantee among things, the following:
(a). Quality, strength and performance of the materials used as manufactures standards.
(b). Safe mechanical and electrical stress on all parts under all specified conditions of operation.
(c). Satisfactory operation during the maintenance period.
TECHNICAL SPECIFICATIONS

The supply and erection of lift shall conform to the latest lift act in force and modern lift practice in all respects. Technical specifications for various items of work given in the Bill of Quantities are to be read in conjunction with the specifications given below. Each item of work shall be executed according to the relevant Indian Standard (IS) specifications.

<table>
<thead>
<tr>
<th>Document Number</th>
<th>Standard Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>IS 9878 : 1981</td>
<td>Safety gears and governors for electric passenger and goods lifts</td>
</tr>
<tr>
<td>IS 14665 : Part 4 : Sec 1 to 9 : 2001</td>
<td>Electric Traction Lifts - Part 4 : components - Section 1 : Lifts Buffers - Section 2 : Lift Guide Rails and Guide Shoes - Section 3 : Lift Car frame, Car, Counterweight and Suspension - Section 4 : Lift Safety Gears and Governors - Section 5</td>
</tr>
<tr>
<td>IS 2365 : 1977</td>
<td>Specification for Steel Wire Suspension Ropes for Lifts, Elevators and Hoists</td>
</tr>
<tr>
<td>IS 8151 : 1976</td>
<td>Single-speed three-phase induction motors for driving lifts</td>
</tr>
<tr>
<td>IS 9228 : 1979</td>
<td>Specification for Mono Seat Chairs for Chairlifts Used in Winter Sports</td>
</tr>
</tbody>
</table>

Guarding and protecting hoist way shall be responsibility of the lift Vendor from the date of commencement of work at site.

Variable Voltage, Variable Frequency (V3F)

**Levelling device:** As per 2.31.1 of IS 1860-1980

**Terminal buffers:** Terminal buffers shall be installed as a means of stopping the car and counter weight at the extreme limits of travel and shall be spring or oil buffers. Buffers in the pit shall be mounted on steel channels or suitable concrete blocks.

**Guide:** Steel ‘Tee’ section guides shall be provided for the car and counter - weight. At least the guides for the car should be machined.

**Ropes:** Hoisting suspension ropes as per IS 14665(Part4/sec.1to9):2001

**Reverse phase and phase failure:** Reverse phase & phase failure relay shall be provided to protect the machine against phase reversal and failure of any phase.

**Miscellaneous:** All electrical wiring shall have flame resisting moisture proof insulation and will be run in heavy gauge metal conduit/ casing. The trailing cable between the car and lift well will be multicore type designed for lift services and will have flame resisting moisture proof covering. Cables should conform to relevant IS amended up to date. All wiring and earthing etc. shall conform to IE rules and regulations.
## TECHNICAL PARAMETERS FOR LIFTS

### 1. Lift Specifications:
#### 1.1. Technical Specifications:-

<table>
<thead>
<tr>
<th>S. No</th>
<th>Description</th>
<th>Item wise confirmation to be filled by tenderers</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Number of Lifts</td>
<td>1 nos – Machine Room Less Lift</td>
</tr>
<tr>
<td>2</td>
<td>Type of Lift</td>
<td>Passenger cum Equipment Lift</td>
</tr>
<tr>
<td>3</td>
<td>Capacity of the Lift</td>
<td>10 Passenger / 680 Kg</td>
</tr>
<tr>
<td>4</td>
<td>Speed</td>
<td>1.0 m/s</td>
</tr>
<tr>
<td>5</td>
<td>Type of drive</td>
<td>Variable voltage variable frequency drive (VVVF)</td>
</tr>
<tr>
<td>6</td>
<td>Type of control system</td>
<td>Microprocessor Based, Single Car Grouping, Selective Collective control with &amp; without attendant</td>
</tr>
<tr>
<td></td>
<td>Power Supply</td>
<td>415V, +/-10%, 3Phase, 4wire, 50Hz.</td>
</tr>
<tr>
<td>8</td>
<td>Travel Distance</td>
<td>16.95m (approx)</td>
</tr>
<tr>
<td></td>
<td>Overhead Distance</td>
<td>1.2M (Height above last landing)</td>
</tr>
<tr>
<td>9</td>
<td>Number of Floors to be served</td>
<td>S+4 Upper floors</td>
</tr>
<tr>
<td>10</td>
<td>Number of Landing Entrances</td>
<td>5</td>
</tr>
<tr>
<td>11</td>
<td>Number of Landings</td>
<td>5</td>
</tr>
<tr>
<td>12</td>
<td>Position of Lift Machinery</td>
<td>Directly above the lift well</td>
</tr>
<tr>
<td>13</td>
<td>Size of the lift Well</td>
<td>1850mm(W) x 2050mm(D) (approx)</td>
</tr>
<tr>
<td>14</td>
<td>Lift car inside size</td>
<td>1575mm (W) x 1500mm(D) x 2200 (H) (approx)</td>
</tr>
<tr>
<td>14a</td>
<td>Pit Depth</td>
<td>1500mm (approx)</td>
</tr>
<tr>
<td>15</td>
<td>Lift car inside finish</td>
<td>Stainless steel in Hair line finish</td>
</tr>
<tr>
<td>16</td>
<td>Lift car door finish</td>
<td>Stainless steel in Hair line finish</td>
</tr>
<tr>
<td>17</td>
<td>Type of car door</td>
<td>Automatic center opening, Stainless Steel doors</td>
</tr>
<tr>
<td>18</td>
<td>Type of Landing Door</td>
<td>Automatic center opening, Stainless Steel doors</td>
</tr>
<tr>
<td>19</td>
<td>Type of door protection</td>
<td>Full screen infra red protection</td>
</tr>
<tr>
<td>20</td>
<td>Clear car door opening</td>
<td>900mm (W) x 2100mm (H) (approx)</td>
</tr>
<tr>
<td>No.</td>
<td>Item Description</td>
<td>Specification/Details</td>
</tr>
<tr>
<td>-----</td>
<td>-------------------------------------------------------</td>
<td>---------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>21</td>
<td>Clear landing door opening</td>
<td>900mm (W) x 2100mm (H) (approx)</td>
</tr>
<tr>
<td>22</td>
<td>Alarm Button</td>
<td>Alarm Button in case of stoppage to sound alarm at all floor levels.</td>
</tr>
<tr>
<td>23</td>
<td>Fire man switch</td>
<td>Shall be provided in Podium lobby and control room. Required cables to be supplied and installed by the vendor.</td>
</tr>
</tbody>
</table>
| 24  | Car Fittings                                          | a) Ceiling should be of elegant design to match with the interiors and should have light diffusers to give a special soothing ambience inside the car.  
    |                                                        | b) Special design overhead ventilation grids should be provided for optimum airflow to the passengers (including axial flow fan).  
    |                                                        | c) Car operating panel containing sleek feather touch buttons with LED indicating floors served, up/down direction button, auto/attendant key switch, door open and door close buttons, fan and light switches, non-stop button, digital position indicators, complete in all respects for effective operation of lift.  
    |                                                        | d) Battery operated emergency light in the car and alarm bell with maintenance free battery and charger.  
    |                                                        | e) Battery operated press and talk type intercom system consisting of a speaker integrated in the car operating panel and connected to nearby control room at ground floor (including all related wiring works).  
    |                                                        | f) Overload indicator  
    |                                                        | g) Car Flooring (Vendor should give various options for consideration and finalization by (APGVB)  
    |                                                        | h) Name plate is to be provided inside the car panel as per the BIS code like name of the firm, year of manufacture, safe working load capacity etc. |
i) Name plate is to be provided inside the car panel regarding operational instructions.

| 25 | Additional features safety | a) **Automatic rescue device.** (Upon power failure, the main motor will be energized by a battery operated electronic device. The car will move up or down to the next floor, the direction requiring the least effort should be selected by the system. Upon arrival, the doors will open to enable trapped passengers to walk out from the car in to the lobby). This device should be operated on maintenance free batteries.  

b) **Over load device** (when the car is loaded to predetermined capacity, the weight sensing device should operate causing the car to bypass further calls and if the car is loaded in excess of 110% of the rated capacity, it shall cause the car to keep its door open and to sound the alarm).  

c) **Infrared light curtains** (The system should consist of an array of the detectors along the door edges to sense the obstruction in the path of the doors, without any physical contact with the object and to prevent the doors from closing and reopening.  

| 26 | Leveling Accuracy | +/- 5mm (Five millimeters) at all speeds. |
1.2. **General Specifications:**

1.2.1. Passenger cum equipment lifts will be used for transportation of the passengers and light weight equipment etc.,

1.2.2. Lift should be suitable for size of the lift well as indicated under technical particulars and site conditions.

1.2.3. Design, fabrication and installation of the lifts (along with all the associated components) should conform to relevant BIS with latest amendments. Wherever appropriate BIS are not available, relevant British standards shall be applicable.

1.2.4. Fabrication, design and installation of the lifts should also conform to the requirement of statutory bodies like lift inspectorate etc (obtaining license from the lift inspectorate for each lift, for regular usage of the lift will be the responsibility of the tenderer).

1.2.5. **Lift machines and equipment:**

   a. Driving sheaves shall have accurately machine grooves to suit the lifting ropes. Driving mechanism shall operate under maximum loading without over heating or vibration.
   
   b. Bearing shall not leak oil and shall be dust tight, self lubricating and wherever necessary fitted with oil level indicator.
   
   c. Lift car shall be propelled smoothly and should start / stop without vibration, noise or depth acceleration.
   
   d. Brakes shall be fitted with adjustable and renewable brake shoes. The brake shall operate automatically upon activation of any of the electrical safety device or failure of main electrical supply. The brakes shall be capable of stopping the lift in a smooth manner. The safety brake gear shall be capable of repeated operations without adjustments and shall operate without damage or distortion of guide rails.

1.2.6. **Leveling:**

   Each lift machine shall be fitted with accurate leveling devices, which shall operate on the main hoist motor progressively, so that the lift comes to a stop by progressive deceleration and without discontinuity. The equipment shall level the lifts automatically and independently of operation by passengers and within the required tolerances, independent of load, speed, or rope stretch. Any error in leveling under any condition, loading and regardless of direction of travel shall not exceed the value specified in the particular specification.

1.2.7. **Guides:**

   The lift cars and counterweights shall be fitted with roller type guide shoes.

1.2.8. **Well Equipment:**

   a. Guide rails for both cars and counter weights shall be planed “T” section steel rails of sufficient rigidity to withstand such stresses as may be expected during both normal and emergency operation.
   
   b. Fix the guide rails to be building to allow for the setting of the building and compression of columns.
   
   c. Arrange the counterweight frames so that fillers can be added or removed without disturbing the ropes.
   
   d. Use ropes of a type specifically intended for the duty. Make provision for easy adjustment to ensure that equal tension is applied to all ropes.
e. Use buffers of suitable design for the lifts
f. The completed installation shall be designed for quiet operation, irrespective of load and speed.
g. The counter weights shall consists of cast iron weights in structural steel frame
h. The counter weights shall be equal to the weight of car and 40% of the contract load or any other percent to promote smooth and energy efficient operation.
i. The counter weights shall have metal counter guard of the required length at the bottom of the hoist way.
j. The tenderer shall carry out the well flushing and shall supply and install all necessary trimming beams.

1.2.9. Car Landing Doors:-

Car and landing doors shall be flush panel center bi parting

The tenderer shall:
(a) Provide “meat1 rail” type door suspension and tracks, arranged and mounted to allow the doors to be adjusted in correct alignment
(b) Provide door-operating mechanism capable of operating the doors at maximum speed permitted by the regulations without undue noise.

1.2.10. Landing Door Surrounds:
The Tenderer shall;
(a) Provide the landing door surrounds with a one (1) piece welded door surround.
(b) Set the frames in plumb and true in the wall opening for grouting in by others.
(c) Provide frames of a standard profile and satin stainless steel finish.

1.2.11. Landing Indicators and Control
The Tenderer Shall:

a. Provide for each landing door an approved illuminated indicator to show when a lift is about to stop at the floor and its direction of travel.
b. Provide at each floor a gong that shall sound to attract the attention of passengers. The indicators shall give sufficient advance warning to enable passengers to reach the landing doors prior to their opening.
c. Provide each landing with “UP” and “down” buttons along with location indicator, (except on terminals), which automatically illuminate to indicate that the call has been registered, and a digital display to indicate if lift is out of service.
d. Install the call button panel to the requirements of the warning against the use of lifts in the event of fire.
e. All landings should have displays of both moving direction indicator and location (Floor wise) of the lift.

1.2.12. Buffers:
a. Spring type buffers shall be provided for car and counter weight to support the impact loads of the elevator/counter weight in the pit as per requirements and standards.
b. Planed heavy duty steel “T” sections shall be provided as car counter guides.
c. Stem sections or guides shall be tongued and grooved to provide smooth joints.
d. Guide brackets or supports shall be welded to the steel plates provided in the hoist way by the
Vendor

e. Steel beams, channels, plates etc. required for buffer support, bearing plates separators for machine beams etc. to be supplied and installed by the tenderer.

1.2.13. **Hoist way Entrance:**

a. Center opening steel doors shall be complete with toe guards, struts, headers and hardware as required.

b. Hoist way door shall be provided with heavy-duty type two point suspension hangers and tracks.

c. Sheaves shall be of steel with ball bearings.

d. Hangers shall be provided with adjustable steel ball bearing rollers to withstand door up-thrust.

e. Tracks shall be rolled steel shapes with smooth surfaces.

f. Each hoist way door shall be equipped with a hoist way door interlock operated by a cam on the car.

1.2.14. **Door operation mechanism:**

Door operator shall be:

(a) Positive acting and powered by A.C motor rigidly connected to the door.

(b) Able to simultaneously open the car and Hoist way doors and maintain the doors fully opened and closed at each doorstop.

(c) Suitable for attendant / automatic operations.

(d) Hydraulic cushioning shall be provided for smooth stop.

1.2.15. **Door interlocks:**

Door operating mechanism shall be provided with minimum of the following interlocks:

(a) Car shall not move until the hoist way door and car door is mechanically locked in the closed position.

(b) Hoist way door should not open from the landing side.

(c) Car shall not move while the car door is open.

(d) Door operating mechanism shall open the door at the landing where the car is stopping and not any other hoist way door.

(e) It shall be possible for sliding doors to re-open in case the doors are not able to close completely in the event of any obstruction while closing. The doors shall then re-open and re-close once the obstruction is cleared.

(f) Hoist way doors and cars doors shall be operable using the door open key for emergency operation.

1.2.16. **Controls:**

The Tenderer Shall:

(a) Equip the lifts with fully automatic microprocessor controls.

(b) Program the controls to continuously monitor the lift traffic and automatically adjust the lift operation to provide minimum waiting intervals.

1.2.17. **Keys:**

The Tenderer shall provide three sets of keys to operate each type of key operated switch and lock associated with the lifts.

1.2.18. **Fireman's Control:**

The tenderer shall arrange all lifts for Fireman’s control in accordance with the regulations. The lift doors shall be fire rated as per the local CFO requirement and necessary test certificates are to be included and produced to this effect.
1.2.19. **Shop Fabrication:**

The Tenderer shall:

(a) Design fabricated items so that all possible work is done before delivery.
(b) Fully protect for shipment.
(c) Take all possible care to prevent damage.

**The following shall also apply to the fabrication:**

(a) Welding external items shall confirm with the recommendations of recognized International Standards, noting particularly the design criteria.
(b) Flanges shall be concealed where possible. Sleeve connecting railings inside railing sections and secure with flush or set screws. Except where access is impossible, connection screws and bolts shall be on the underside of joints.
(c) Fasteners on the top of railing sections are not permitted.
(d) Weld shop connections for steel fabrications and bolts field connection.

The Tenderer shall:

(a) Provide smooth finishes to exposed surfaces with sharp well-defined lines and arrases.
(b) Mill machined joints to a close fit.
(c) Design necessary lugs, brackets and similar items so that work can be assembled and installed in a neat, substantial manner.
(d) Provide ample strength and stiffness by using appropriate metal thickness of assembly and supports.
(e) Provide holes and connections as required to accommodate the work of other trades and for site assembly of metalwork.
(f) Drill or punch and ream in the shop.

1.2.20. **Miscellanea:**

The Tenderer shall:

(a) Provide required MS channels, I Channels, bolts, screw, inserts, fasteners, templates and other accessories required for a complete installation
(b) Co-ordinate with other trades as to the proper fastening systems suitable for the substrates to which the item is to be secured.
(c) Fasten Galvanized items with galvanized fasteners.

1.2.21. **Scope of work:**

1.3. Submission of shop drawings with full details immediately after receipt of the order, for clearance of APGVB

1.4. Tenderer will arrange pre-dispatch inspection at their works in presence of APGVB representatives which will comprise of: (a) Physical verification of all major components as per the specifications (b) Routine tests as prescribed by relevant BIS (or British standards) (c) Submission of copy of all test certificates for all the major components of the lift.

1.5. Design, fabrication, supply, installation, testing and commissioning of 1 Nos. Passenger-cum- Equipment Lifts complete with all the components and related accessories as per the “Technical and General Specifications” indicated above.
1.6. All the materials and labour required for fabrication, supply, installation, testing and commissioning of lifts as per the site conditions including related MS channel / supports for successful installation of Lifts as per the present site conditions.

1.7. Civil works required for installation of the lifts like (a) Providing staging / scaffolding in the lift well for installation of the lift materials (b) Making holes in the wall/slab etc. as per the requirement of installation (c) Making holes on the walls for grouting of the fixing of landing point operating push button panels and subsequent finishing (d) Required minor adjustments of the finishing on the walls for installation of the car landing doors and subsequent finishing work after installation of car landing doors (e) Removal of all scaffolding work after installation and cleaning of the lift well from the debris (f) Supply and providing pit ladder (g) Required MS channel supports (h) Lift well illumination with required Bulk head lighting & cabling, earthing etc. APGVB shall provide power supply near to the Lift shaft. From that location to distribution of power, cabling, earthing etc in all aspects is included under the scope of the vendor.

1.8. Supply and providing required load (after installation of lift) for carrying out load testing of the lift (including prescribed over load testing).

1.9. Checking the performance of all the parameters of the lift (after completion of the installation) by tenderer themselves to be followed by mutual checking / inspection with the APGVB representatives and recording the same (including load testing).

1.10. If applicable, obtaining the working license/certificate from the concerned statutory authority (like lift inspector) for each lift and submitting the same to APGVB (lifts will not be accepted by APGVB unless the license for each lift is obtained by the tenderer and submitted to APGVB. All the necessary works like submission of application, laisioning with the statutory authorities, payment to the statutory authorities will be under the scope of tenderer).

1.11. Submission of 3 sets of literature, completion drawings, test certificates, warranty certificates etc. after completion of the work and at the time of handing over to APGVB.

1.12. Free servicing and preventive maintenance once in a month during the warranty period of 1 year and submission of the service report and log report. During servicing tenderer representative will successfully demonstrate functioning of all the parameters of the lifts.

1.13. **Comprehensive AMC :-**

- The preventive maintenance service of lifts should be done once in a month and breakdown calls are to be attended promptly. A service report shall be submitted to the Engineer-in-Charge.
- No storage space will be made available to the Vendor during the contract period.
- In case of minor nature of breakdown they shall be attended immediately within 24 hours, and in case of major breakdown, such as rewinding of motors, replacement of ropes, gears etc. they shall how ever be attended with in 3 (Three) CALENDER DAYS. APGVB decision shall be final to decide the period that can be allowed for such major break down and to decide whether a break down is major or minor. Break down calls normally be responded to within a reasonable period. If any breakdown call remains unattended / unresolved for a period exceeding 24 hours in case of minor break downs and 5 days in case of major breakdowns, pro rata recovery at double the...
Quoted rates shall be recovered from the bills payable to the firm for the number of days the lift remained unattended / unresolved / non-functional. Recovery shall be made from the AMC charges payable to the firm for the number of days the lift remained unattended / unresolved / non-operational.

- Lubricants, grease, cotton waste and any other consumable items will not be supplied departmentally and it is the responsibility of the Vendor to provide all these items.
- The scope of comprehensive maintenance work includes cleaning, greasing of all parts, adjustment of contacts, lubrication of gears, motor guide rails, suspension rope inspection and attending to the electrical and mechanical defects, replacement of all worn out parts, including motors. Indication bulbs, alarm bell/buzzer, cabin fans, replacement of electrical wiring, intercom connected to the lift etc. are included as per the normal comprehensive contract norms.
- All the safety devices should be examined periodically and rectified immediately if the same are found defective which includes ARD etc.
- Annual safety test shall be carried out during the last quarter of AMC year without any extra cost. Rs.1000/- per lift will be recovered from the AMC charges if the annual safety test is not conducted.
- Proportionate recovery will be made for the months for which monthly service is not carried out.
- The agency shall keep sufficient stock of spares required for comprehensive maintenance of the lifts for a period of one year. The agency shall also maintain all the spares parts including the spares supplied by their vendors for the lift for the entire period of the lifts i.e., 20 years from the date of successful handing over. No claim for up gradation or replacement of lifts due to non-availability of spares/obsolescence of the model shall be entertained during the life time period mentioned above and nothing extra shall be paid or reimbursed on account of up gradation / obsolescence of spares during the life time period.
- The firm should work as per the conditions existing, restrictions in movement/working hours, security aspects, conditions of the equipment to be maintained. Complaints of loss of labor, items of work not included, in the scope of work, variation etc., will not be entertained at a later date.
- Any other items of job necessary for the smooth and effective functioning of the installation but not mentioned here is deemed to have been included within the scope of this contract.
- In case of any accident during the maintenance equipments and or loss of life, the Vendor shall be fully responsible for settling all claims and indemnify the department against any claims arising out of such accidents, consequential damages to other systems shall however be not recovered from the Vendor.
- The agency shall clearly state the details of the routine maintenance proposed to be carried out by him and shall execute the same in the presence of the authorized representative of the Engineer in charge and his certificate should be obtained and the same to be submitted for claiming the payment otherwise the payment will not be paid. In case the representative is not available, the same should be brought to the notice of next officer who is available at site and maintenance work carried out shall be recorded.
The agency shall perform the maintenance services with trained and appropriately supervised personnel.

In case of replacement or repairs to any part of the lifts not covered by the comprehensive maintenance is warranted, prior approval of the Engineer in charge shall be taken with due notice.

The maintenance activities shall be carried out according to Equipment specific maintenance plan for each main component of the equipment.

In performing the services described, agency will replace (Identical or equivalent item) or rectify at its option any component of the elevator rendered defective due to normal wear and tear and raising out the ordinary and reasonable use of the elevator. The disassembled or dismantled parts shall become agency's property.

All parts and components fitted by agency will be original parts or components. If original parts or components are not available, the parts or components fitted will be of equal in quality and functionality.

Refinishing, repair or replacement of the following components are outside the scope of the maintenance contract.
- Elevator car enclosure.
- Elevator car and landing door panels/gates.
- Incoming electrical wiring up to main switches in the machine room.
- Main switches in the machine room.
- Items including mirror, hand rails, fans, lights and ARD batteries.

Additional visits are also included within the scope of CAMC as and when the complaint calls are brought to the notice of the agency by the representative of the department.

GST, Labour cess, Income Tax and any other statutory deductions as applicable shall be deducted at source from the Vendor's bills.

The agency's authorized representative shall be available on the mobile phone on a 24 X 7 days for registering a complaint.

The servicing / scheduled maintenance shall be done as per the consultation of Engineer-in-Charge. The materials replacement shall be carried out with the prior approval of the Engineer-in-Charge.

The firm's representative shall sign the lift logbook maintained by the department after attending preventive / breakdown maintenance.
SCHEDULE OF APPROXIMATE QUANTITIES AND RATE

1. The quantities given herein are those upon which the lumpsum cost of the work is based. They are subjected to alterations omissions, deductions or additions as provided for in the conditions of this contract and do not necessarily show the actual quantities of the work to be done. The unit rate noted below are those governing payment of extras or deductions for omissions, according to the conditions of the contract as set forth in the preliminary specifications of the Telengana state. detailed standard specifications and other conditions or specifications of this contract.

2. It is to be expressly understood that the measured work is to be taken net (notwithstanding) any custom or practice to the contrary according to the actual quantities when in place and finished according to the drawings or as may be directed from time to time by the Architects, and the cost calculated by measurements or weight, at the respective prices, without any additional charge for any necessary or contingent works connected there with. The rates quoted are for work in site and complete in every respects.

3. If any operation of work, which is specified in the respective items mentioned in the schedule of quantities, is not executed by the Vendor then proportionately the rate quoted in the schedule shall be refixed.
9.0 SAFETY CODE

9.1 Scaffolds:
9.1.1 Suitable scaffolds should be provided for workmen for all works that cannot safely be done from the ground, or from solid construction except such short period work as can be done safely from ladders. When a ladder is used an extra mazdoor shall be engaged for holding the ladder and if the ladder is used for carrying material as well, suitable footholds and hand holds shall be provided on the ladder and the ladder shall be given an inclination not steeper than 1/4 to 1 (1/4 horizontal and 1 vertical)

9.1.2 Scaffolding or staging more than 4m. above the ground or floor, swung or suspended from an overhead support or erected with stationary support shall have a guard rail properly attached bolted, braced and otherwise secured at least 3 feet high above the floor or platform of such scaffoldings or staging and extending along the entire length of the outside and ends there of with only such opening as may be necessary for the delivery of materials. Such scaffolding or staging shall be so fastened as to prevent it form swaying from the building or structure.

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

9.1.4 Every opening in the floor of a building or in a working platform be provided with suitable means to prevent the fall of persons or materials by providing suitable fencing or railing whose minimum height shall be 1m. Wherever there are open excavations in ground, they shall be fenced off by suitable railing and danger signals installed at night so as to prevent persons slipping into the excavations.

9.1.5 Safe means of access shall be provided to all working platforms and the working places. Every ladder shall be securely fixed. No portable single ladder shall be over 9 m. in length while the width between side rail in rung ladder width shall in no case be less than 290mm. for ladder upto and including 3m. in length. For longer ladders this width should be increased at least 20mm. for each additional meter or length.

9.1.6 A sketch of the ladders and scaffolds proposed to be used shall be prepared and approval of the Engineer-in-charge obtained prior to construction.

9.1.7 All personnel of the Vendor working within the plant site shall be provided with safety helmets. All welders shall wear welding goggles while doing welding work and all metal workers shall be provided with safety gloves. Persons employed on metal cutting and grinding shall wear safety glasses.

9.1.8 Adequate precautions shall be taken to prevent danger from electrical equipment. No materials on any of the sites of work shall be so stacked or placed as to cause danger or inconvenience to any person or the public.

9.2 Excavation and Trenching:
9.2.1 All trenches, 1.25m or more in depth, shall at all times be supplied with at least one ladder for each 30m in length or fraction thereof. Ladder shall be extended from bottom of the trench to at least 1m. above the surface of the ground. The side of the trench which are 1.5m or more shall be sloped back to give suitable slope or securely held by timber bracing, so as to avoid the dangers of sides to collapse. The excavated material shall not be placed within 1.5m. of
the edges of the trench or half of the depth of the trench whichever is more. Cutting shall be done from top to bottom. Under no circumstances undermining or undercutting shall be done.

9.2.2 The Vendor shall take all measures on the site of work to protect the public from accidents and shall be bound to bear the expenses of defence of every suit, action or other proceedings at law that may be brought by any person for injury sustained owing to neglect of the above precautions and to pay any such persons or which may with the consent of the Vendor, be paid to compromise any claim by any such person.

9.3 Demolition:
9.3.1 Before any demolition work is commenced and also during the process of the work.

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

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

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

9.4 Personal Safety Equipments:
9.4.1 All necessary personal safety equipment as considered adequately by the Engineer should be kept available for the use of the person employed on the site and maintained in a condition suitable for immediate use, and the Vendor should take adequate steps to ensure proper use of equipment by these concerned.

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

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

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

9.4.5 When workers are employed in sewers and manholes, which are in use, the Vendor shall ensure that the manhole covers are opened and are ventilated at least for an hour before the workers are allowed to get into the manholes and manhole's so opened shall be cordonned off with suitable railing and provided with warning signals or boards to prevent accident to the public.

9.4.6 The Vendor shall not employ men below age of 18 years and women on the work of painting with products containing lead in any form. Where ever men above the age of 18 years are employed on the work of lead painting, the following precautions should be taken.

9.4.5.1 No paint containing lead or products shall be used except in the form of paste or readymade paint.

9.4.5.2 Overalls shall be supplied by Vendors to the workmen and adequate facilities shall be provided to enable the worker painters to wash during the cessation of work.

9.4.6 When the work is done near any place where there is risk of drowning, all necessary equipment should be provided and kept ready for use and all necessary steps taken for prompt
rescue of any person in danger and adequate provision should be made for prompt first aid treatment of all injuries likely to be sustained during the course of the work

9.5 Hoisting Machines:
9.5.1 Use of hosting machines and tackle including their attachment, anchorage and supports shall conform to the following standards or conditions:

9.5.1.1 These shall be good mechanical construction, sound material and adequate strength and free from patent defect and shall be kept in good repair and in good working order.
9.5.1.2 Every rope used in hoisting or lowering materials or as a means of suspension shall be of durable quality and adequate strength, and free from patent defects.

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

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

9.5.4 In case of department machines, the safe working load shall be notices by the Engineer-in-Charge. As regards Vendors machines the Vendor shall notify the safe working load to the machine to the Engineer-in-Charge whenever he brings any machinery to site of work and get it verified by the Engineer-in-charge concerned.

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

All scaffolds, ladders and safety devices mentioned or described herein shall be maintained in safe condition and no scaffold, ladder or equipment shall be altered or removed while it is in use.

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

Not withstanding the above clauses from 9.5.1 to 9.5.5 there is nothing in these to exempt the Vendor from the operation of any other Act or Rule in force in the Republic of India.
## LIST OF APPROVED MANUFACTURERS

TO THE APPROVAL OF SAMPLES BY APGVB / CONSULTANT.

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Material Name</th>
<th>Brand / Manufacturer / Recommended Make</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>LIFTS</td>
<td>JOHNSON / OTIS / SCHINDLER / KONE / MITSUBISHI</td>
</tr>
</tbody>
</table>

**NOTE:** The Vendor shall use only above mentioned material to be approved by APGVB / Consultant. All other materials shall confirm to the specifications laid down. The tenderer shall take this into account while tendering rates / prices.
# ABSTRACT TO GENERAL CONDITIONS OF CONTRACT

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Earnest money Deposit</td>
<td>RS.17,500/- will be collected from the successful vendor at the time of agreement.</td>
</tr>
<tr>
<td>2</td>
<td>Initial Security Deposit</td>
<td>2.0% of Quoted value including EMD.</td>
</tr>
<tr>
<td>3</td>
<td>Date of commencement</td>
<td>3 days from the date of receipt of work order</td>
</tr>
<tr>
<td>4</td>
<td>Period of Completion</td>
<td>120 Days from date of commencement</td>
</tr>
<tr>
<td>5</td>
<td>Defects Liability Period</td>
<td>12 months</td>
</tr>
<tr>
<td>6</td>
<td>Agreed Liquidated Damages</td>
<td>1% of tender amount per week subject to a maximum of 10% of contract value</td>
</tr>
<tr>
<td>7</td>
<td>Period of Final Measurement</td>
<td>30 days</td>
</tr>
<tr>
<td>8</td>
<td>Value of work for the issue of Interim Certificate</td>
<td>Minimum Rs 8.00 Lakhs</td>
</tr>
<tr>
<td>9</td>
<td>Retention money from each interim bill</td>
<td>8%</td>
</tr>
<tr>
<td>10</td>
<td>Total retention money including Earnest Money and initial security deposit</td>
<td>As per Clause 11, of General Conditions</td>
</tr>
<tr>
<td>11</td>
<td>Architects certificate of payment</td>
<td>15 days after submission of interim bills by the Vendor.</td>
</tr>
<tr>
<td>12</td>
<td>Period of honoring payment certificate</td>
<td>7 working days from date of Architect’s certificate of payment for interim bills and 45 working days for final certificate.</td>
</tr>
<tr>
<td>13</td>
<td>Delayed Payments</td>
<td>No interest will be paid on this account</td>
</tr>
<tr>
<td>14</td>
<td>Estimated value</td>
<td>RS 1750000.00 Plus GST as applicable.</td>
</tr>
</tbody>
</table>

### SIGNATURE OF THE VENDOR WITH DATE

**WITNESS:**

**DATE:**
DECLARATION

I/We have inspected the site of works and have made me / us fully acquainted with the local conditions in and around the sites of works. I/We hereby declare that I/We have gone through the conditions laid down in the Notice Inviting Tender, Conditions of Contract, Technical Specifications and understood the same and on the basis of the same I/We quoted our rates in the Schedule of Quantities attached with the tender documents.

I/We shall also uniformly maintain such progress as may be directed by the Employer / Architect to ensure completion of same within the target date as mentioned in the tender document.

Witness:

Signature of Tender

Address______________________

________________________________

________________________________

Date:_________________________

NOTE : ALL TECHNICAL CLARIFICATIONS IF ANY SHOULD FORM A PART OF TECHNICALBID. TECHNICAL CLARIFICATIONS AFTER OPENING OF THE TENDERS WILL NOT BE ENTERTAINED AT ANY COST
PART – II PRICE BID

NOTE: SHOULD BE PRINTED AND SUBMITTED IN SEPARATE ENVELOPE
(From page no 66 – 69)
### PRICE BID

**SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF ONE NUMBER MINIMUM 10-PASSENGERS CUM EQUIPMENT LIFT (GEARLESS/ MACHINE ROOM LESS) ELEVATORS TO SERVE STILT, 1ST, 2ND, 3RD & 4TH FLOORS (4TH IS TERRACE FLOOR) (i.e. AT 5 STOPS/ 5 OPENINGS FOR APGVB OWN BUILDING AT NALGONDA, TELANGANA**

<table>
<thead>
<tr>
<th>S No</th>
<th>Description</th>
<th>Qty</th>
<th>Qty</th>
<th>Rate</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Supply, Installation, Testing, &amp; Commissioning of minimum 800 KGS 10 Passenger cum Equipment lift (Gear less/machine room less) Elevators to serve Stilt, 1st, 2nd, 3rd &amp; 4th floors (5 Stops/ 5 Openings with 4 th floor being terrace floor at APGVB Own building at Nalgonda Telangana. <strong>No extra charges will be paid for any minor civil works, scaffolding required for installation of lifts and Electrical works</strong></td>
<td>1</td>
<td>NO</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Comprehensive AMC for the 10 Passenger cum Equipment lift for APGVB Own building at Nalgonda for a period of 3 years after the expiry of warranty period of one year, including carrying out monthly preventive maintenance / servicing, attending to unlimited breakdown &amp; maintenance calls, replacement of worn out / defective components, supply of all the spare parts including consumables like batteries lamps, fans etc, checking &amp; servicing of entire lift system on monthly basis complete as required. AMC shall be inclusive of all labour, materials, consumables and spares.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>a. First Year</td>
<td>1</td>
<td>JOB</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>b. Second Year</td>
<td>1</td>
<td>JOB</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>c. Third Year</td>
<td>1</td>
<td>JOB</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sub-total of AMC: (a+b+c)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Grand Total</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Grand Total In words</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Note:**

(i) All the vendors must quote their rates for the above work duly after inspection of the site. No further price variation/ deviation will be entertained later.
(ii) Price quoted should be inclusive of all Taxes, duties and transportation charges.

(iii) The Vendor must quote for AMC charges for the new lift per year and service tax/GST is payable extra as per prevailing rates at the time. No revision of AMC will be done subsequently as AMC is considered for arriving at the L1 tender.

(iv) The L1 Vendor will be finalized upon the total amount.

(v) The works required for erection of lift like scaffolding, grouting, all civil works related to installation will be under scope of Vendor.

Date: 

Signature with company seal

Station: