

H A F E D

Name of work: Supply, Installation, Testing and Commissioning of 6 Nos. two ton capacity freight elevators and one No.8 passenger elevator in Multistorey Commercial Warehouse at Gurgaon.

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Tender

No.....Dated.....

Name of Agency:

.....

Address:-

City.....

Distt.....Pin Code

NO.....

State.....

Permanent Account Number (PAN) of the Agency.....



**THE HARYANA STATE COOPERATIVE SUPPLY
AND MARKETING FEDERATION LIMITED**

**CORPORATE OFFICE, SECTOR 5, PANCHKULA HARYANA
(INDIA)**

TEL: 2590520-26, FAX: 91-172-2590708,2590711

E-Mail: hafed@hry.nic.in Website: www.hafed.nic.in

NOTICE INVITING TENDERS

Name of work:

S.No.	Name of tender /work	Amount of work (in Rs.)	Earnest Money (in Rs.)
1.	Supply, Installation, Testing and Commissioning of 6 Nos. two ton capacity freight elevators and one No.8 passenger elevator in Multistorey Commercial Warehouse at Gurgaon.	1,29,00,000/-	2,58,000/-

Earnest Money: Contractors as given above

Last date of sale of tender document: upto 1.30 P.M. on July 27, 2010

Receipt of tenders: upto 5 P.M. on July 27, 2010

Date of opening of tenders: 11.30 AM on July 28, 2010

For further details, visit website: <http://hafed.etenders.in> and <http://hafed.gov.in>.

EXECUTIVE ENGINEER (HQ)
HAFED, PANCHKULA

NO. Hafed/EE/HQ/Drg/3059-60

Dated: 09-07-2010



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**SHORT TENDER NOTICE (also available through
online e-tendering)**

Hafed invites sealed tenders (manual as well as through e-tendering) for the following works in 2 envelope bid system.

S.No.	Name of tender /work	Amount of work (in Rs.)	Earnest Money (in Rs.)	Time Limit
1.	Supply, Installation, Testing and Commissioning of 6 Nos. two ton capacity freight elevators and one No.8 passenger elevator in Multistorey Commercial Warehouse at Gurgaon.	1,29,00,000/-	2,58,000/-	9 months

Sealed tenders on the prescribed forms are invited from the approved & reputed manufacturers of lists for the above mentioned work in the existing lift shafts given above at Hafed Complex Gurgaon, in sealed envelope on July 27,2010 upto 5.00 PM in the office of the undersigned as well as in the office of Executive Engineer, Hafed, Hisar and the same will be opened on July 28,2010 at 11.30 Am in the office of the undersigned in the presence of intending contractors or their authorized representative who may choose to attend for the purpose.

Tender document can be obtained on making prescribed payment of Rs.10,000/- (Rupees Ten Thousand Only) (Non refundable) up to July 27, 2010 through separate Bank Draft in favour of "The Haryana State Cooperative Supply and Marketing Federation Ltd., payment at Panchkula" from the office of the undersigned or from the office of the XEN, Hafed, Hisar. The tenderers can submit their documents through registered AD Post/ Speed Post but these must reach in the office of XEN, Hafed Panchkula before one day prior to opening of tender responsibility of delay on the account of postage shall rest with the agency. The contractors/tenderers can also download the tender documents from our websites: www.hafed.nic.in for the tenders downloaded from the website, Tender cost shall be deposited with Earnest Money in a separate envelope.

The tenderers should submit their tender in two envelopes systems the 1st envelope containing Earnest Money/Cost of Tender Fee and documents including forwarding Letters, Envelope containing giving detail of their product and tender document issued by Hafed dully signed as Stamped on Each page and envelope two shall containing only the price bid. If the cost of tender fee and Earnest Money draft is not found proper and the contractor not found technical sound, the price bid of that tenderer will not be opened.

ELIGIBILITY, TERMS AND CONDITIONS:-

1. DNIT can be seen on any working day during the office hours in the office of the undersigned and can be downloaded from our websites: www.hafed.nic.in .
2. Conditional tenders will not be entertain and are liable to be rejected straightway.
3. In case the day of receipt of tenders / opening of tenders happens to be a holiday, the next working day will be treated for sale of tenders/opening of tenders. The time and place of the receipt of tenders/opening of tenders and other conditions will remain unchanged.
4. The tenderes are required to submit Earnest Money mentioned above in the shape of **Bank Draft/ Bank Guarantee in favour of " The Haryana State Cooperative Supply and Marketing Federation Ltd." payable at Panchkula.**
5. The tenderes must specify their Income Tax Permanent Account Number (PAN) and postal pin Code on the tender form.
6. The validity of the tender is 90 days.
7. Hafed reserves the right to accept or reject any all offers without assigning any reason.
8. The tenderers should have completed three similar works each of value not less than 40% of estimate cost i.e. Rs.51,60,000/- or to similar works each of value not less than 50% i.e. Rs.64,50,000/- or One similar work of value not less than 80% of estimated cost i.e. Rs.1,03,20,000/-
9. The bidder should have average financial turnover 80% of the estimated cost i.e. Rs.1,03,20,000/- of the above work during the last three financial years ending 31st March 2010.
10. The bidder should furnish the certificate that the firm have not been black listed /debarred by any of the department central/State Government /central Autonomous body/ central public sector undertaking.
11. Tenderer are advised to inspect and examine the site its surroundings and satisfy themselves before submitting their tenders.

NO. Hafed/EE/HQ/Drg/3059-60
Dated : 09/07/2010

**Executive Engineer(HQ),
Hafed, Panchkula.**

The Haryana State Cooperative Supply and Marketing Federation Limited: Chandigarh

NOTICE INVITING PERCENTAGE RATE TENDER:

1. Tenders are hereby invited on behalf of the Managing Director, Hafed for Supply, Installation, Testing and Commissioning of 6 Nos. two ton capacity freight elevators and one No.8 passenger elevator in Multistorey Commercial Warehouse at Gurgaon. detail of the estimate of which are given in paragraph 14 below.
2. Tender will be received by the Executive Engineer, Hafed Panchkula athours on and will be opened by him on the due date and time at Head Office Panchkula to the presence of tenders or their authorized representatives/agents who may like to be present at that time. Tender must be delivered in person by the intending contractors or their authorized representatives/agents to the Executive Engineer.
3. **Earnest money amounts to Rs. 2,58,000/-** the shape of bank draft in favor of Hafed payable at Panchkula must accompany each tender and each tender to be submitted in a sealed cover subscribed "Tender for the work of Supply, Installation, Testing and Commissioning of 6 Nos. two ton capacity freight elevators and one No.8 passenger elevator in Multistorey Commercial Warehouse at Gurgaon." and addressed to the Executive Engineer.
4. Tenders are to be on the prescribed form which can be obtained from the office of Executive Engineer, Hafed Panchkula/Hissar. The prescribed form contains the Condition of Contract' to the complied with by person whose tender may be accepted Application will be required to pay **Rs.10,000/-** For each tender document.
5. Further information on tenders can be obtained and a schedule of the quantities, the detailed plans and specification can be seen in the office of Executive Engineer, Hafed Panchkula on any working day from 10.00 Am to 5.00 P.M.
6. Single lump-sum rates to be quoted by the agency on the prescribed form the for supply, erection, installation, testing and commissioning of the elevators. Separate rates should also be quoted for AMC (Annul Maintenance Contract) of one year after the warranty period.
7. Tenders are advised to visit the site sufficiently in advance of the date fixed for submission of the tenders. a tender shall be deemed to have full knowledge of all the relevant documents, samples, site etc. whether he inspects them or not.

8. Submission of tender by a tendered implies that he has read this notice and all other contract documents and he has made himself aware of the scope and specification of the work to be done and of conditions and rates at which stores will be issued to him by HAFED and local conditions and other factors bearing on the execution of the works.

9. Each tendered shall give proof to the entire satisfaction of the Executive Engineer concerned that he has in his possession the Haryana P.W.D. specification Book 1990 edition with up to date amendment falling which the tender shall be capable to be rejected.

Not Appl icabl e

10. The Executive Engineer reserves to himself the right of issuing the materials to the contractors as per list enclosed for use on the work at the places and notes noted against from each. When the material is to be issued from stock the contractor shall be held responsible for obtaining from Hafed all such material required for the work and for making payment there for by deduction from his bills at the rate specified regardless of fluctuation in the market rates or in the stock rates of the Division No. carriage or incidental charges will be borne by Hafed for moving the material beyond the place where the contractor has agreed to take delivery thereof except in case of material of which a specified provision for the payment of carriage and incident charges is made in the contract schedule of rates.

11. The tenderer shall initial all correction in his tender Non-compliance of this condition will render the tender liable for rejection.

12. The contractor, whose tender is accepted will be required to execute a contract deed on the prescribed form and will be required to furnish security which will be recovered by way deduction of ten percent from the bills of payment to be made on account of work done. The earnest money (mentioned in paragraph 3 above) will be treated as part of the security .

13. The acceptance of the tender will rest with the Executive Engineer, Hafed Panchkula. Who does not bind himself to accept the lowest tender and reserves to himself authority to reject any or all the tenders received with assigning any reason.

14. Details of estimate as per schedule attached from page _____ to _____ Total estimate cost Rs. _____ Sr. No. Sub head of estimate rate per item No. Sub Head See page _____ to _____ estimate.

Not Appl icabl e

15. PROCEDURE FOR SUBMISSION AND OPENING OF TENDERS

The tender documents issued by this office contain page 1 to 35

16. The intending contractor shall fill in the shape of **single lump-sum rate of elevators**. The sealed envelope subscribed "Tender Supply, Installation, Testing and Commissioning of 6 Nos. two ton capacity freight elevators and one No.8 passenger elevator in Multistorey Commercial Warehouse at Gurgaon" along with other documents namely duly accepted power of attorney in original or attested copies in the name of tenderer or his authorized representatives or agents to act on behalf of the contractor, and (b) documents in respect of payment of earnest money, and delivered in office of the Executive Engineer by the prescribed hours.
17. The tenders, which are not accompanied by the earnest money/proof of earnest money or did not strictly follow the technical requirements, shall be summarily rejected.
18. Tender/quotations, which are dependent upon the quotations of other shall be summarily rejected.

**Contractor
Engineer**

Witness

Executive

H A F E D
PERCENTAGE/ITEM RATE TENDER
And
CONTRACT FOR WORKS
GENEAL RULES AND DIRECTIONS FOR THE GUIDANCE OF CONTRACTORS

1. All work proposed for execution by contract will be notified in a form of invitation to tender posted on a board hunt-up in the office of and signed by the executive Engineer.
This form will state the work to be carried out as well as the date of submitting and opening of tenders and the amount of security deposit to be deposited by the successful tenderer and percentages, if any, to be deducted from bills. Copies of the specifications, designs and drawings.
BOQ and any other documents required in connection with the work signed for the purpose of identification by the Executive Engineer shall also be open for inspection by the contractor at the office of the executive Engineer during office hours.
2. In the event of the tender being submitted being by a firm must be signed separately by each member thereof. Or in the event of the absence of any partner, it must be signed on his behalf by a person holding a power of attorney authorizing him to do so.
- 2.A Tender shall sign each page of the tender.
3. Any person who submits a tender shall fill up the usual printed form stating at how much he is willing to undertake the work. Tender which propose any alteration in the work specified in the said form of invitation to tender, or in time allowed for carrying out the work or which contain any other conditions of any sort, will be liable to rejection. No single tender shall include more than one work but contractors who wish to tender for two or more works shall submit a separate tender for each. Tender shall have the name and number of the work to which they refer written outside the envelope.
4. The Executive Engineer or his duly authorized will open tenders in the presence of any intending contractors or their authorized agent who may be present at the time and will enter the amount of several tender in a Comparative Statement in a suitable form. In event of a tender being accepted a receipt for the earnest money forwarded therewith shall thereupon be given to the contractor who shall thereupon for the purpose of identification sign copies of the specification and other documents mentioned in Rule.1. In the event of a tender being rejected the earnest money forwarded tender shall thereupon be returned to the contractor making the same.
5. The Managing Director shall have the right of rejection all or any of the tenders.
6. The department may refuse or suspend payments on account of a work when executed by a firm or by contractors described in their tender as a firm, unless receipts are signed by all the partners. or one of the partners or some other person produces written authority enabling him to give effectual receipts on behalf of the firm.
- 6.A With the issuance of acceptance letter, all the conditions (including the additional conditions) in the tender will convert into conditions of an agreement and the contract will stand concluded necessary stamp as required under the Indian Stamp Act, 1899 will be affixed by the management.
7. The receipt of an accountant or clerk for any money paid by the contractors will not be considered as an acknowledgement of payment to the Executive Engineer and the contractor shall be responsible for seeing that he procures a receipt signed by only authorized officer of Hafed.
8. The memorandum, of work tendered for and the memorandum of materials to be supplied by the HAFED and their issue rates, shall be filled in and completed in the office of the Executive Engineer before the tender form is issued. If a form is issued to an intending tenderer without having been so filled in, he shall request the Executive Engineer to have this done before he completes and delivers his tender.

TENDER FOR WORKS

I/we hereby tender for the execution for the Haryana State Corporation supply and Marketing Federation, herein after referred to as HAFED of the work specified in the under-written memorandum within the time special in such memorandum on single lump-sum rates"

In accordance in all respects with the specification , drawing and instruction in writing referred to in rule 1 hereof and in Clause 11 of the annexed conditions and with such materials are provided for and by in all other respects in accordance with such conditions so for as applicable.

MEMORANDUM

<p>(a) If several Sub-works are 1 percent to 10 included they should be detailed in a separate list.</p>	<p>(a) General Description</p>	<p>Supply, Installation, Testing and Commissioning of 6 Nos. two ton capacity freight elevators and one No.8 passenger elevator in Multistorey Commercial Warehouse at Gurgaon.</p>
	<p>Estimated Cost</p>	<p>Rs. 1,29,00,000/-</p>
<p>(b) This deposit will vary from 1 percent to 10 percent of the estimated cost of the work according to the requirements of the case.</p>	<p>(c) Earnest Money</p>	<p>Rs. 2,58,000/-</p>
	<p>(c) Security deposit (including earnest money)</p>	<p>10%</p>
	<p>Time Limit</p>	<p>9 (Nine) Months</p>

Item No. 1	Item of work 2	Unit 3	Per 4	Rate Tender	
				In Figures 5	In Words 6

Note: To be continued on additional sheets as found necessary.

Should this tender be accepted I/we hereby agree to able by and fulfill all the teams and provisions of the said conditions of contract annexed hereby so far as application or in default thereof forfeit and pay to the HAFED or its successors in office the sums of money mentioned in the said conditions.

The sum of Rs..... depositedvide HAFED Receipt NumberDatedas earnest money the full value of which is to be absolutely forfeited to the HAFED or its successors in office, without prejudice to any other rights or remediless of the said HAFED or its successors in office should i/we fail to commence the work specified in the above memorandum or (a) otherwise the said sum of Rs.....(b) shall be retained by HAFED on account of the security deposit specified in Clause 1 (B) of the said conditions of contract.

Give particulars and numbers.

Strike out(a) If no cash security deposit is to be taken.

Strike out (b) If cash security deposit is to be taken

Dated the Day of 200

Signature of contractor before submission of tender

Signature:- Contractor.....

Witness

Signature of witness contractor's signature.

Address:

Occupation:

Signature of the officer by whom accepted

The above tender is hereby accepted by me on behalf of HAFED.

Dated the Day of 200

Security deposit this will be the same percentage as that in the tender at (c)

Clause 1:--- The person whose tender may be accepted (hereinafter called the contractor),shall permit HAFED at the time of making any payment to him for work done under the contract to deduct such sum as well (with the earnest money deposited by him) amount to 10% percent of all money so payable. Such deduction will be held by HAFED by way of security deposit, All compensation or other sums of money payable by the contractors to HAFED under the terms of his contract may be deducted from his security deposit or from any sum which may be due or may become due to the contractor by HAFED on any account whatsoever, and in the event of his security deposit being reduced by reason of any such deduction the contractor shall within ten days thereafter make good in cash or Government security endorsed as aforesaid any sum which may have been deducted from or raised by sale of his security deposit or any party thereof.

Compensation For delay

Clause2:--- The time allowed for carrying out the works as entered in the tender shall be strictly observed by the contractor and shall reckoned from the date on which the order to commence work is given to the contractor. The work shall throughout the stipulated period of the contract be proceeded with all due diligence(time being deemed to be the essence of the contract on the part of the contractor)and the contractor shall pay as compensation an amount equal to one the whole work as show by the tender for every day that the work remains uncompleted, or unfinished after the proper dates. And further, to ensure good progress during the execution of the work the contractor shall be bound, in all cases in which the time allowed for any work exceeds one month to complete one fourth of the whole of the work before one fourth of whole time allowed under the contract has elapsed, one half of the work before one half of such time has elapsed and three -fourth of the work before three -fourth of such time has elapsed. In the event of the contractor failing to comply with this condition he shall be liable to pay as compensation an amount equal to one percent which the E.E. Hafed may levy on the said estimated cost of the whole work for every day that the due quantity of work remains incomplete: provided always that entire amount of compensation to be paid under the provision of this Clause shall not exceed ten percent of the estimated cost of work as shown in the tender. The Managing Director may on representation in writing from the contractor reduce the amount of compensation and his decision in writing shall be final.

Action when whole of security deposit is forfeited

Clause:3---In any case in which under any clause in this contract the contractor shall have rendered himself liable to pay compensation amounting to the whole of his security deposit (whether paid in lump sum or deducted by installment)the Managing Director on behalf of the HAFED shall have power to adopt any of the following courses, as he may deem best suited to the interests of HAFED.

- (a) To resend the contract (of which recession notice in writing to the contractor under the Hafed the head of the Managing Director shall be conclusive evidence),and in which case the security deposit of the contractor shall stand forfeited, and be absolutely at the disposal of HAFED.
- (b) To employee labour paid by the HAFED and to supply materials to carry out the work or any part of the work debiting the contractor with the cost of the lab our and the price of the materials (of the amount of which cost and price a certification of the Executive Engineer shall be final and conclusive against the contractor) and crediting him with the value of the work done in all respects in the same manner at the same rates as if it had been carried out by the contractor under the terms of his contract the certificate of the Executive Engineer as to the value of the work done shall be final and conclusive the contractor.

- (c) To measure up the work of the contractor. and to take such part thereof as shall be unexecuted out of his hands and to give to another contractor to complete in which case any expense which may be incurred in excess of the sum which would have been paid to the original contractor of the whole work had been executed by him of the amount of which excess the certificate in written of the Executive Engineer shall be final and conclusive shall be borne and paid by the original contractor and may be deducted from any money due to him by HAFED under the contract or otherwise or from his security deposit or the proceeds of sale thereof or sufficient part thereof.

In the event or any of the above course being adopted by the Managing Director, the contractor shall have no claim to compensation for any loss sustained by him reason of his having purchased or procured any material, or entered into any engagements or made any advances on account of or with a view to the execution of the work or the performance of the contract. And in case the contract shall be rescinded under the provision aforesaid the contractor shall not be entitled to recover or be paid any sum of or for any work thereof actually performed under this contract, unless and until the Executive Engineer will have certified in writing the performance of such work and the value payable in respect thereof, and he shall only be entitled to be paid the value so certified.

Contractor remain Liable to pay compensation if action not taken under Clause 3.

Power to take possession of removal of or sell contractors plant.

Extension of time

Clause 4--- In any case in which any of the powers conferred upon the E.E by clause 3 hereof shall have become exercisable and the same shall not be exercised, the non-exercise thereof shall not constitute a waiver of any of the conditions hereof and such powers shall notwithstanding be exercisable in the event of any future case of default by the contractor for which by any clause or clause hereof he is declared liable to pay compensation amounting to the whole of his security deposit and the liability of the contractor for past and future compensation shall remain unaffected. In the event of the XEN Hafed putting in force either of the power (a) or (c) vested in him under the preceding clause he may, if he so desires take possession of all or any tools plaits , material and stores in or upon the same in account at the contract rates or in case of these not being applicable at current market rates to be certified by the Executive Engineer whose certificate hereof shall be final .otherwise the Executive Engineer may by notice in writing to the Contractor or his clear of the works foreman or other authorized agent require him to remove such notice and in the event of the contractor failing to comply with any such requisition the Executive Engineer may remove them at his risk in expenses or sell them by auction or private sale on account of the contractor and at his risk in all respect and the certificate of the Executive Engineer as to the expense or any such removal and the amount of the proceeds and expense of any such sale shall be final and conclusive against the contractor.

Clause 5--- If the contractor shall desire an extension of the time for of the work on the grounds of his having been unavoidably hindered in its execution or any other ground he shall apply in writing to the E.E. within 30days of the date of on account of which he desires such extension aforesaid and the M.D. shall if in his opinion (which shall be final) reasonable grounds be shown thereof authorize extension of time if any as may in his opinion be necessary or proper. SE/CE Hafed is to give the time extension for a period of 3 months for the work Rs.10 lac.

Contractor to submit a return every Month on any work claimed as extra.

District rates mean the Haryana P.W.D. Building and Roads Branch rates for that District.

Final certificate. Payment on intermediate certificate to be regarded as advances.

Clause 5A—The contractor shall deliver in the office of the Executive Engineer, on or before the 10th day of every month during the continuance of the work covered by this contract a return showing detail of any work claimed for as extra, and such return shall also contain the value of such work as claimed by the contractor, which value shall be based upon the rates and prices mentioned in the contract or in the schedule of rates in force in the District for the time being . The contractor shall include in such monthly return particular of all claims of whatever kind and however arising which at the date thereof he has or may claim to have against the Executive Engineer under or in respect of or in any manner arising out of the execution of work and the contractor shall be deemed to have waived all claims not included in such return and will have no right to enforce any such claims not so included whatsoever be the circumstances.

Clause 6--- Without prejudice to the right of HAFED under clause hereinafter contained on completion of the work the contractor shall be furnished with a certificate by the Executive Engineer (hereinafter called the Engineer -in-charge) of some completion :but no such certificate shall be given or shall the work be considered to be completed unit the contractor shall have removed from the premises on which the work shall be executed all scaffolding surplus material's and rubbish, and cleaned of the dirt from all woodwork, door walls, floors, or other parts of any building in/upon or about which the work is to by executed or o f which he may have had possession for the purpose of the execution thereof and the measurements in the said certificate shall be binding and conclusive against the contractor, if the contractor shall, fail to comply with the requirements of this clause as to removal of scaffolding. Surplus materials and rubbish, and cleaning off dirt on or before the date fixed for the completion of the work, the Engineer-in-charge may at the expense of the contractor remove such scaffolding, surplus materials and rubbish dispose of the same as he think fit and clean of f such dirt as aforesaid. And the contractor forth with pay the amount of all expense so incurred, and shall have no claim in respect of any such scaffolding or surplus materials as aforesaid except for any sum actually realized by the sale thereof.

Clause 7- No payment shall be made or works estimated to cost less than rupees anode thousand, till after the whole of the works shall have been completed and certificate of completion shall on submitting bill thereof be entitled to receive a monthly payment proportionate to the part there of then approved and passed by the Engineer-in-charge, who where certificate of such approval and passing of the sum so payable shall be final and conclusive against the contractor. But all such intermediate payments shall be final and conclusive against the contractor. But all such intermediate payment shall be regarded as payments by way of advance against the final payments only and not as payments for work actually done and completed and shall not preclude the requiring of bad, unsound, and imperfect or unskillful work to by removed and taken away and reconstructed or re created , or be considered as in admission of any the due performance of the contract, or any way the powers of the Engineer-in-charge under those 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 by submitted by the contractor within one month of the date fixed for

Completion of work, otherwise the engineer-in-charge's certificate of the measurement and of the total amount payable for the work accordingly shall be final and binding on all parties.

Bills to be submitted monthly **Clause8-** A bill shall be submitted by the contractor each month on or before the date fixed by the Engineer-in-charge for all work executed in the previous month and the Engineer-in-charge shall take or cause to be taken the requisite measurement or the purpose if having the same verified and the claim, as far as admissible, adjusted if possible, before the expiry of ten days from the presentation of the bill. If the contractor does not submit the bill within the time fixed as aforesaid, the Engineer-in-charge may depute a subordinate to measure up the said work in the presence of the contractor. Whose counter signature to the measurement list will be sufficient warrant; AND THE Engineer-in-charge may prepare a bill from such list which shall be binding on the contractor in all respects.

Bills to be on printed forms. **Clause9-** The contractor shall submit all bills on the printed forms to be had on application at the office of the Engineer-in-charge and the charge in the bill shall always be entered at the rates specified in the tender or in the case of any extra work ordered in pursuance of these conditions, and not mentioned or provided for in the tender at the rates hereinafter provided for such work.

Stores supplied by Hafed. **Clause 10-** If the specifications of estimate of the work provides for the use of any special description of material to be supplied from the Engineer-in-charge's store of if it is required that the contractor shall use certain stores to be provided by the Engineer-in-charge (such material and stores, and the prices to be charged therefore as hereinafter mentioned being so far as practicable for the convenience of the contractor but not so as in any way to control the meaning for effect of this contract specified in the schedule or memorandum hereto annexed). the contractor shall be supplied with such materials and stores required from time to time to be used by him for the purposes of the contract only and the value of the full quantity of materials and stores so supplied at the rates specified in the said schedule or memorandum may be set off or deputed from any sums then due, or therefrom to become due to the contractor under the contract, or otherwise against or from the security deposit. All materials supplied to the contractor shall remain the property of the contractor but shall not on any account be removed from the site of the property of the contractor by or without the written permission of the Engineer in charge and shall at all time be open to inspection by him. Any such material unused to the Engineer in charge's store if by a notice in writing under his hand he shall so require but the contractor shall not be entitled to return any such material so supplied to him as aforesaid being unused by him or for any wastage in or damage to any such materials.

Work to be executed in accordance with specifications, drawing orders etc. **Clause11-** The contractor shall execute the whole and every part of the work in the most substantial and workman like manner, and both as regards material and otherwise in every respect in strict accordance with the specifications. The contractor shall also confirm exactly fully and faithfully to the designs, drawing and instructions in writing relating to the work signed by the Engineer in charge and lodged in the office, and to which the contractor shall be entitled to have such office, or on the site of the work for the purpose of inspection during office hours, and the contractor shall, if he so requires, be entitled at his own expense to make or cause to be made copies of the specification, and of all such designs drawings and instructions as aforesaid.

Removal of employees, workmen and foremen. **Clause 11-A-** The Engineer in charge shall have full powers at all times to subject to the employment of any workman foreman or other employee on the work by the contractor and if the contractor shall receive notice in writing from the Engineer in charge requesting

removal of any such man from the work the contractor shall comply with the request forthwith.

No such workman, foreman or other employee after his removal from the works by request of the Engineer in charge shall be re-employed or re-instated on the works by the contractor at anytime except with the previous approval in writing of the Engineer in charge the contractor removal of any such workman foreman or other employee.

Alteration in specification and Design, do not Invalidate contract.

Clause 12--- The Engineer in charge shall have power to make any alteration in or omission from addition to or substitution for the original specifications drawing designs and instruction that may appear to him to be necessary or advisable during the progress of work and the contractor shall be bound to carry out the work in accordance with any instruction which may be given to him in writing signed by the Engineer in charge and such alteration addition or substitution shall not invalidate the contract and any altered addition or sub additional or substituted work which the contractor May be directed to do in the manner above specified as part of the work shall be Carry out by the contractor on same conditions in all respects on which he agreed to do the main work and at the same rates as are specified in the tender for the main work. The time for the completion of the work shall be extended in the proportion that the altered, additional or substituted work bears to the original contract work and the certificate of the Engineer -change shall be contusive as to such proportion and if the altered, additional of substituted work includes and class of work, for which no rate is specified in the contract then such class of work shall be carried out at the take rates entered in the schedule of rates of the district subjects to the same percentage above or below as included I he contract, and if such class of work is not entered in the schedule or rates of the district then the contractor shall within seven days of the date of his receipts of the order to carry out the work inform the Engineer-in-charge of the rate which it is his intention to charge for such class of work, and if the Engineer-in charge and M.D do not agree to this rate be shall by notice in writing, be at liberty to cancel his order to carry out such class of work and arrange to carry it out in such manner as he may consider advisable provided always that if the contractor shall commence work or incur any expenditure in regard thereto before the rates shall have been determined lastly herein before mentioned, then and in such case he shall be entitled to be paid in respect of the work carried out or expenditure incurred by him prior to the date of the determination of the rate as aforesaid to such rate or rates as shall be fixed by the Engineer-in charge .In the event of dispute the decision of the M.D will be final.

Extension of time consequence of alteration.

Rates for works not in estimate or schedule of rates of the district.

No compensation for alteration in or restriction of work to be carried out.

Clause 13--- If at any time after the commencement of the work the HAFED shall for any reason whatsoever not require the whole thereof as specified in the tender to be carried out the Engineer-in-charge shall give notice in writing of the fact to the contractor who shall have no claim to any payment or compensation whatsoever on account of any profit or advantage which he might have derived from execution of the work in full that which he did not derive in consequence of the full amount of the work not having been made in the original specification drawing designs and instruction which shall involve any curtailment of the work original contemplated.

Action and compensation on payable in case of bad work.

Clause—14 if it shall appear to the Engineer-in -charge or his subordinate in charge of the work that any work has been executed with unsound imperfect or unskillful workmanship or with materials of any inferior description or that any material or articles provided by him for the execution of the work are unsound or of a quality inferior to that contracted for or otherwise not in accordance with the contract the contractor shall on demand in writing from the Engineer- in-charge specifying the work material or articles complained of

notwithstanding that the same may have been inadvertently passed, certified and paid for forthwith rectify or remove and reconstruct the work specified in whole or part as the case may require or as the case may be, removed the materials or articles so specified and provide either proper and suitable materials or articles at his own proper-charge and cost and in the event of his failing to do so within a period to be specified buy the Engineer-in-charge inch's demand aforesaid then the contractor shall be liable to pay compensational the rate of one percent on the amount of the estimate for every day not exceeding ten days white his failure to do so shall continue and in the case of any such failur4e the Engineer-in-charge may rectify or remove and execute the work or remove and place with other materials or articles complained of as the case may be at the risk and expense in all respect of the contractor.

Works to be open to inspection.

Clause 15—All work under or in course of executed in pursuance of the contractor shall at all time be open to the inspection and supervision of the Engineer-in-charge and his subordinates and the contractor shall at all time during the usual working hours and at all other times at which reasonable notice of the intention of the Engineer-in-charge or his subordinate to visit the work shall have been given to the contractor, either himself be present to receive order and instruction or have a responsible agent duly accredited in writing present for order that purpose order give to the contractor agent shall be considered to have force as if they had been given to the contactor himself.

Contractor or responsible agent to be present.

Notice to be given before work is covered up

Clause 16—The contractor shall give not less than day's notice in wiring to the Engineer in charge or his subordinate charge of the work before covering up or otherwise placing beyond the reach of measurement any wok in order that the same may be measured and correct dimensions and thereof be taken before the same is so covered up placed beyond the reach of measurement and shall not cover up or place beyond the reach of measurement, and work without the consent in writing of the Engineer-in-charge or his subordinate-in-charge of the wok and if any work shall be covered up or placed beyond the reach of measurement such notice having been given or consent obtained the same shall be uncovered at the contractors expenses or in default thereof no payment or allowances shall be made for such work or the matrices with which the same was executed.

Contractor liable for damage done and for imperfections for 6 months after certification.

Clause 17 Contractor or his work people or servant shall break, deface, injure or destroy any part of a building. If they may be working on any building, road, fence, enclosure, or grass land, cultivated ground contiguous to the premises on which work or any part of it is whatever or in any imperfections become apparent in it within six months after & certificate final or other of its completion shall have been given by Engineer-in-charge as aforesaid. the contractor shall make the same good at his own expense, or in default the Engineer-in-charge may cause the same to be made good by other workmen, and deduct the expense (of which the certificate of the Engineer-in-charge shall be final) from any sums that may be then ,or at any time thereafter may become due to the contractor from his security deposit.

Contractor to supply plant ladders, scaffoldings etc.

Clause 18- The contractor shall supply at his own cost an materials excep0t such special material, if any, as may in accordance with the contract with the contract be supplied from the Engineer-in-chargers stores, plants, tools, appliances, implements, ladders, cordage, tackle, scaffolding and temporary works requisite or proper for the proper execution of the work whether original altered or substituted and whether included in the specification or other documents forming part of the contract or referred to in these conditions or not, or which may be necessary for the purpose of satisfying or complying with the requirements of Engineer-in-charge as to any matter as to under these conditions he is entitled to be satisfied, or which he is entitled to require together with carriage therefore to and from the work. The constructor shall also supply without charge the requisite number of persons with the means and materials necessary

And be liable for damages arising from non-provisions of lights fencing etc.

for the purpose of setting out works and counting weighing and assisting in the measurement or examination at any time and from time to time or the work or materials. Falling his so doing the same may be deducted from any money due to the contractor under the contractor of his security deposit. The contractor shall also provide all necessary fencing and lights required from/ dates proper the public from accident and shall be bound to bear the expenses of defense of every suit, action or other proceedings at law may be brought by any person for injury sustained owing to neglect of the able precautions, and to pay any damages' and cost which may be awarded in any such suit action or proceedings to pay such persons or which may with the consent of the contractor be paid to compromise any claim by any such person.

Female Labour

Clause 19—NO female laborer shall be employed within the limits of cantonment

Clause 19-A—No laborer bellowed the age of 12 years shall be employed on the work

Clause 19-B—The contractor shall pay his laborers not less than the wage paid for similar work in the neighborhood.

Work on Sunday

Clause 20—No work shall be done on Sunday without the sanction in writing of the Engineer-in-charge.

Contractor liable for payment of compensation to injured workman, or in case of death, to his relations.

Clause 20-A—In every case in which by virtue of the provision of Section 12,Sub section (1) of the Work's Completion Act, 1923, Hafed is obliged to pay compensation to workmen employed by the contractor, in execution of works, Hafed will recover from the contractor the amount of the compensation so paid and without prejudice to the right of HAFED under Section - 12 subsection(2) of the Act, Hafed shall be at liberty to recover such amount or part thereof by deducting in from the contractor or otherwise.

HAFED shall not be bound to contest any claim made against it under section 12 sub-section (1) of the said act except on the written request of the contractor and his upon given to HAFED full security for all costs for which HAFED might become liable in consequence of contesting claim.

Work not to be sublet.

Clause-21—The contract shall not be assigned or sublet without the written approval of the M.D. and if the contractor shall assign or sublet his contract or attempt to do so, or become insolvent or commence any insolvency proceeding or make any composition with his creditors or attempts to do so or if any bribe gratuity gift loan requisite reward or advantage pecuniary or otherwise shall either directly or indirectly be given promised or offered by the contractor or any of his servants or agents to any officer or person in the employ of hafed in any way relating to his office or employment or any such officer or person shall become in any way directly or indirectly interested in the contract the MANGING Director may thereupon by notice in writing rescind the contract and the security deposit of the contract shall thereupon stand forfeited and be absolutely at the disposal of HAFED and the same consequence shall ensure as if the contract had been rescinded under Clause 3 thereof and in addition the contractor shall not be entitled to recover or paid for any work there to fore actually performed under the contract.

Contract may be rescinded deposit forfeited for subletting bribing or if contractor becomes insolvent.

Sum payable by way of compensation to be considered as responsible compensation without actual loss. Loss.

Clause 22—All sums payable by of way of compensation under any of these conditions shall be considered as reasonable compensation to be applied to the use of HAFED without reference to the actual loss or damage sustained and whether or not any damage shall have been sustained.

Deduction of amount due to HAFED on any accounts whatsoever to be permissible from sums payable to a contractor.	Clause-22-A-- Any excess payment made to the contractor inadvertently or other under this contractor or any account whatever and any other sum found to be due to HAFED by the contractor in respect of this contract or any other contract or work order or any account whether may be deducted from any sum whatsoever payable by HAFED to the contractor either in respect of this contract or any work order or contract or any other account by any other department of the Government.
Charges in constitution of firm.	Clause 23 —In case of a tender by partners any charge in constitution of the firm shall be forthwith noticed by the contractor to Engineer-in-charge for his information.
Works to be under direction of Superintending Engineer-in-charge.	Clause 24 —All work to be executed under the contract shall be executed under the directions and subject to the approval in all respects of the Managing Director of the HAFED for the time being who shall be entitled to direct at what point or points and in what manner they are to be commenced and from time to time carried on.
Arbitration Clause.	<p>Clause 25---If any question difference or objections on whatsoever on shall arise in any way connected with or arising out of this instrument or the meaning or operation of any part thereof or the rights duties or liabilities of either party or whether the contract should be terminated or has been rightly terminated or as regards' the rights and obligation of the parties as a result of such termination then save in so far as the decision of any such matter is herein before provided for and has been so decided a very such matter shall be referred for arbitration to the arbitration to be appointed by the RCS on written request from the contractor Executive Engineer who will act as such at the time of reference within 30 days of the final payment has been made or from the date a registered notice for receiving the final payment is sent to the Contractor and in case of minus bill then from the date of signing by the decision shall be final and binding and where the matter involves a claim for or the payment or recoverable or deduction of money only awarded in such arbitration shall be recoverable in respect of the matter so referred.</p> <p>If the matter is not referred to the arbitration within the period specified above all the right and claim under the contract shall be deemed to have been forfeited absolutely time barred.</p>
Lump sum in estimate.	Clause 26 -when the estimate on which a tender is made include lump sum in respect of parts of the works the contractor shall be entitled to payment in respect on the items of work involved or the part of the work in question at the same rates as are payable under this contract for such items or if the part of the work in question is not in the opinion of the Engineer in charge capable of measurement the Engineer in charge may at his discretion pay the lump sum amount entered in the estimate and the certificate in writing of the Engineer in charge shall be final and conclusive against the contractor with regard to any sum or sums payable to him under the provisions of the clause.
Action where no specification.	Clause 27- In the case of any class of work for which there is not such specification as is mentioned in Rule 1 such work shall be carried out in accordance with the district specification and in the event of there being no district specification then in such case the work shall be carried out in all respects in accordance in with the instructions and requirements of the Engineer- in charge.
Definition on works.	Clause 28 —The expression "work "or "work " where used in these conditions shall unless there be something either in the subject or the context repugnant to such construction be

constructed and taken to mean the works by or by virtue of the contract contracted to be executed whether temporary or permanent and whether original altered substituted or additional.

Clause 29- The terms and conditions of the agreement have been explained to me/us and I/We clearly understand them.

Schedule showing (approximately materials to be supplied from the HAFED stores for works contracted to be executed and the rates at which they are to be charged for:-

Particulars	Rates at which the material will be charged to the contractor.		Place of Delivery	
	Unit	RS.		P.
1.Cement Bag	Each	180 (including 3% storage charges)	25	
		N.	A.	

(Signature of Contractor)

SUPPLEMENTRY CONDINTION OF CONTRACT

1. The material should be brought from the sources or quarries specified by the Engineer-In charge. All the clauses of the preliminary specification in the Haryana P.W/D. as modified up to date shall be applicable to this work.
2. The rates quoted in the tender are applicable till the completion of the contract and no variation by way of any will be allowed under any circumstances even If it involves controlled commodities. The rates given in the schedule of rates are inclusive of Petrol, terminal tax, Royalty and all other taxes and charges.
3. No Claim in respect of sales tax or any other local taxes which might been existence or which might hereafter be imposed will be admissible.
4. The contractor shall cooperate with other special agencies who may be engaged by the employer and shall afford all reasonable facilities for the execution of such work during the process of construction and repairs.
5. Secured advance if payable will be paid @75% of value of all the bonafide materials of imperishable nature brought to site and lying at site but not used in work up to the time of billing subject to production of valid cash memos. Recovery shall be effected only to the extent of the quantity used in the work up to the time of billing. The watch and ward of the material shall be the responsibility of the contractor and in case arrangement to the satisfaction of Engineer in charge are not made by the contractor the same shall be made by the department at the cost of contractor, Execution of indenture on the prescribed from is pre-requisite Hafed will not own responsibility of any loss of such material on account of theft fire or damage otherwise before its handing over in complete form.
6. The work shall be carried out strictly in accordance with the relevant drawing and specification. The contractor shall make no alteration in the drawing and specification and should any error or discrepancy appear in them he shall refer it to the Engineer in charge in written for proper adjustment and further instruction.
7. The Engineer in charge shall not suspend the work (unless so ordered by Engineer in charge) pending the Engineer in charge's decision any question referred to him this contract.
8. The Engineer in charge may from time to time by direction in writing without in any way vitiating or affecting the contract order the contract to suspend the work or any part thereof at such time of timed as the Engineer in charge may deem desirable and for any cause and the contractor shall not after such directions to suspend the works or any part thereof proceed with directed to be suspended until he receives a written order to do so from the engineer in charge.
9. Mild steel reinforce cement and structures either in the form of rounds or flats shall confirm to latest Indian standard code practice. Contractor shall make arrangement to get specimen of steel concrete tested whenever desired by the engineer in charge .the method of testing and interpretation of results shall be as per the relevant clause of the Indian standard code of Practice Cost of materials lab our and all other expense with testing shall be born by the contractor.

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10. FIRST AID LIFE SAVING EQUIPMENTS. The contractor shall provide upon the works to the satisfaction of the Engineer in charge and at such place as he may provide proper and sufficient life saving fire fighting and first aid appliances which shall at all times be available for use.
11. SITE ORDER BOOK. The contractor shall also maintain an order book at the site of each of the work wherein the instruction of the Engineer in charge or his representative about the work shall be recorded. The order book shall be the property of the employer and the instruction record therein shall be deemed to have the same force and effect as if they had been given to the contractor himself. The contractor or his representative on the site must sign the book once a day in token of his having perused the order given therein.
12. The Engineer in charge has full Power to require the removal from the premises of all materials which in his opinion are not in accordance with the specification and in case of default the engineer in charge has also full powers to require other proper material to be submitted therefore and in case of default the engineer in charge may cause the same to be supplied and all cost which may accrue on such removal and substitution are to be borne by the contractor.
13. The contractor shall pay not less than fair wages applicable to the locality to laborers engaged by him on the work all other labor laws as applicable in the locality shall be adhered to.
14. If the contractor are a partnership firm, the previous approval in writing of the engineer in charge shall be obtained before any change is made in the constitution of the firm. If previous approval as aforesaid is not obtained the contract shall be deemed to have been assigned in contravention of relevant clause hereof and the same action may be taken and the same consequence shall be ensured as provided in the said clause.
15. The contractor shall make his own arrangements for providing accommodation for labor as may be required in accordance with local regulations.
16. The contractor shall deposit royalty and obtain necessary permit for supply of earth aggregates etc from the concerned authorities.
17. In respect of all labor directly or indirectly employed in the work or performance of the contractor's part of this agreement the contractor shall comply with or cause to be complied with regulation for housing accommodation of labor as per Haryana PWD Code Rules.
18. The Earnest Money already deposited with the Hafed will count towards security deposit.
19. Actual quantities of completed, measured and accepted work shall only be paid.
20. The contractor shall not be entitled to any payment on account of work done till he signs his agreement and the same is accepted by the competent authority.
21. Amount of the work may be increased decreased and item omitted or substituted in accordance with requirement of the Federation and no claim on the account shall be entertained

in excess of the quantities actually required to be used as per specification herein or those fixed by the Engineer in charge the cost of such quantity of that material shall be recoverable from the contractor at double the rates at which it is agreed to be supplied to the contractor.

22. In case any quantity of cement, steel paints or other commodity issued from the stock to the contractor by the engineer in charge for use on the work which is issued is not utilized for the purpose for which it is issued and is otherwise disposed of by him or spoilt or lost or allowed to get deteriorated or used

23. Whenever what will be supplied by the Federation recovery an account of water shall be made from the contractor at the rate of 1% of the amount on items where water has been used.
24. Income tax will be deducted from the bill of the contractor according to section 193- c of income tax Act and instruction issued from time to time.
25. The recovery of cost of cement supplied by Hafed to the contractor for use on Hafed works shall be made as under:
- I. If the quantity of cement consumed on the work is as required under the P.W.D specifications, the rate as mentioned in the agreement.
 - II. If the quantity consumed is less up to 5% of that required to be used according to the specifications, herein stipulated or fixed by Engineer-in-charge, the cost of less quantity will double the agreement rate.
 - III. If the quantity consumed is less up to 5% of that required to be used according to the specifications, herein stipulated or fixed by Engineer-in-charge, the cost of less quantity will double the agreement rate.
 - IV. If quantity of cement consumed is less by more than 5% of specifications, the cost of cement less consumed will be recovered at the Agreement rate and in addition to that rates for the item of work where it is likely to be consumed will also be paid at reduced rates. It shall be the distraction of the depth. to determine the whether the stability of the structure is affected adversely due t less consumption f materials and in case it is felt that it is likely to be so the Executive Engineer in charge shall reject the work and decision of S.E. in such matter shall be final.
26. No reference for arbitration shall be maintainable unless the contractor furnishes a security deposit of sum determined according to the table given below and the sum so deposited shall , on the termination of the arbitration proceeding be adjusted against the cost if any awarded by the arbitration against the party and the balance remaining after such adjustment or in the absence of any such cost being awarded the whole of the sum shall be refunded to him within one month from the date of the award.

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<u>Amount of claim deposit</u>	<u>Rate of security</u>
For claim below Rs 10,000/-	3% of the amount claimed
For claim of the Rs. 10,000- and below Rs 1,00,000/- and	5% of the amount claimed
for claims of Rs. 1,00,000/- and above	10% - do-

**Contractor
Engineer**

Witness

Executive

EXPLANATORY NOTES

1. The above rates are for completed work including cost of all materials labour, tool and plants and water etc. unless otherwise specified.
2. All such item covered by the Haryana P.W.D schedule of rates 1988 corrected up date and got carried up to date if any will be paid as per Haryana P.W.D. schedule of rates 1988 corrected up to date subject to the accepted tendered premium/abatment given by contractor .
3. All clause and notes given in the Haryana P.W.D. schedule of rates 1988 with upto date correction slips shall be applicable to all above items where ever necessary.
4. The description rates units etc above schedule shall be corrected as per Haryana P.W.D. schedule of rates 1988 in case of any error or omission.
5. Chapter numbers with items referred to above are of Haryana P.W.D. schedule of rates 1988 corrected up to date.
6. The whole work shall be carried out strictly in accordance with the I.S.I. specification, as applicable with up to date correction slips.
7. No premium shall be payable on the items which are not provided in the Haryana P.W.D. schedule of rates 1988 corrected up to date.
8. Samples of all building material doors and windows fitting and articles required for use on the work shall be got approved from the Engineer in charge. Articles for use on the work shall be got approved from the Engineer in charge shall only be used. only articles classified as "first Quality "by the manufacturers shall be used articles which are not 'first quality' shall be rejected by the engineer in charge preference shall be given to those articles which bear ISI certificate work in case article bearing ISI certification mark are not available the quality of samples brought by the construction shall be judged by the standard laid down in the relevant ISI specifications.
9. All martial and article brought by the contractor to the site of work for use shall conform to the samples approved which shall be preserved till the completion of final decision to reject any martial shall rest with the Engineer in charge.
10. The contractor shall provide such recesses holes opening etc. as directed by Engineer in charge as required for the Electrical sanitary work and noting shall be payable on this account.
11. Thickness of RCC shall be measured and paid for as structural sizes designed.

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12. Steel used in supports spacers and hooks and overlaps which are not approved i.e. which are not provided according to the drawing or the instruction of Engineer in charge shall not be measured for payment.
13. Wherever there is a provision for flush doors only doors as bear the ISI certification marks and arranged from manufacture of food repute shall be accepted in case flues doors bearing ISI certification and arranged from manufacture of good repute shall only be accepted.
14. Steel butt hinges shall strictly to Indian slandered specification 19-1341-1970 (latest edition) and dimension given in table 2 for medium weight cold rolled mild steel butt hinges of the above specification. Hinges shall be of good workmanship and manufactured by the firm of good repute.
15. The provision of public Health and Electric installations involved in the execution of work is not covered by this contract and as such the premium /abatement quoted by the contractor shall not be applicable on chapter 28 to 31 Haryana P.W.D. schedule or rates 1988.
16. Analysis of rates for non schedule item i.e. items which are not provided in the notice inviting tender Haryana P.W.D. schedule of rates 1988 corrected unto date shall be payable as peer actual lowest materials rates from the recognized public market suitable to the executing division and wages of labour as applicable at the time of exaction of work plus admissible contractor's profile and over head charge. For such items of materials the contractor shall be required to produce original vouchers which shall be subjected to verification by the Engineer in charge if deemed necessary. The rates for non-schedule items shall be approved by the competent authority as recognized in the Departmental Financial rules in existences at the time of approval.
17. Tender with the condition regarding steel work to be done at lab our rate shall be considered invalid and rejected straightway.
18. For quality control the contractor shall be required to use cement concrete mix giving a minimum cube strength as may be presided in the relevant structural drawings of work for cement concrete and cement mortar work and other items the tests should be regularly carried out as per procedure laid down in relevant ISI and other codes at the expense of the contractor. The rates provide in the HSR 1988 include the cost of such testing.

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19. Irrespective of what is stated in Para 9 (b) of the preface of Haryana PWD schedule of rates 1988 no carriage of cement steel and bricks of any other type of material shall be admissible irrespective of lead involved.
20. If however the contractor seek some assistance from the department in connection with arranging water/electric connection from the public utility service authorities for the purpose of Govt. work such assistance only to the extent of writing a letter from the Engineer in charge of the authority concerned for giving such connection may be provided all charges etc. shall be borne by the contractor.

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The department, may on application of the contractor , issue essentiality certificate for Diesel / Petrol (if become a controlled commodity) required for materials to used on the work but the department will not undertake any responsibility for the arrangement of such materials non availability of any such material will not absolve the contractor of his contractual obligation.

Divisional Accountants Divisional Draftsman Executive Engineer(s)

Contractor

Witness

TECHNICAL SPECIFICATIONS

PROVIDING 6 NOS ELEVATORS FOR THE INSTALLATION OF 2 TON CAPACITY FREIGHT/GOOD ELEVATOR AT HAFED COMPLEX, GURGAON

1	Types of elevator	2000 kg (2 ton) capacity freight/ Goods Elevator.
2	Number of elevator	6 (Six) Number.
3	Speed	0.50 Ms per second
4	Drive	Micro processor based VVVF-closed loop
5	Travel	13.400 metres
6	Number of floors	3 (Ground + 2 upper floor)
7	Number of landing entrance	3 (Ground + 2 upper floor)
8	Number of position of car entrance	1 (one) Front only
9	Position of machinery	Directory above liftwell
10	Size of liftwell existing at site for all six nos.	2600 mm x 2900 mm
11	Size of elevator inside	As per manufacturer for 2 ton capacity lift with existing liftwell size of 2600 mm x 2900 mm
12	Car ceiling	Sleek (Circular light) Ss Hairline
13	Car floor	Steel Chequered plate (5 mm Thick)
14	Car fitting	Indirect fluorescent light & regular (circular) 1 fan
15	Floor to floor height	Ground to first 5025 mtr. First to second 5025 mtr. Second to last 3930 mtr.
16	Stops	3 (Three)
17	Opening	3 (Three)
18	Power supply	3 Phase AC-415 \pm 10% variation 50 Hz = \pm 5% variation
19	Ventilation	Concealed blowers to be provided above false ceiling
20	Overload tripping	Both type, indicator inside elevator & alarm at Suitable location.
21	Centra	AC Variable voltage variable frequency (with close loop)
22	Operation	Simple full collective type with/without attendant
23	Machine	Geared placed directly above the hoist way
24	Car size	Mention size as per existing lift well size of 2600 mm x 2900 mm
25	Hoist way required	Mention size
26	Car enclosure	Steel car painted battleship grey & sheet metal top
27	Panels	Painted battleship grey

28	False ceiling	Sheet metal top
29	Flooring	Steel chequered plate (5 mm thick)
30	Car entrance	Collapsible gate painted block, manufacture to mention clear opening.
31	Hoist way entrance	Collapsible gate painted block, manufacture to mention clear opening.
32	Door operator	Manual
33	Singnals/indicators	Combine luminous hall button with seven segment digital hall position indicator at all floor.
		Car operator panel with luminous button & digital car position indiacator,
		Battery operated alarm bell and emergency light.
		Fire mans alarm bell at main lobby.
34	Face plate finish	Stainless steel finish in hairline
35	Face plate shape	Rectangular
36	PIT available	1600 mm deep
37	Living accuracy	±5 mm independent of load in the car
38	Guide rails	Tongue and groove guide rails
39	Civil works	The firm shall provide scaffolding, MS joint channels, pit ladders and minor civil works as required at no extra payment.
40	Maintenance	Free maintenance services for one year
41	Safety and buffers	As per ISI provisions
42	Fire safety	Landing door shall be fire rated for 2 hour.
43	Installation & Commissioning	The job includes installations, testing, Commissioning as required to complete the work in all respect including cost of all material, T&P carriage & labour etc.
44	Standard and rules	The complete lift including, testing, Commissioning and safety provisions shall conform to various Indian standard and rules with upto date amendments as mentioned below:- <ol style="list-style-type: none"> 1. IS 14665 (Part 1 to 3) :2000 2. IS 14665 (Part 5) : 1999 3. IS 4591 = 1968 4. IS 1735 = 1975 5. Bombay lifts Act 6. Indian Electricity Rules 1956

45	Other features	<ul style="list-style-type: none"> •Emergency light and alarm with rechargeable battery •Lift announcement system •Infrared safety curtain •Intercom •LCD/LED/Digital display in car •Load weighting device •Steel items •Automatic rescue device to bring the elevator to a landing in case of power failure should be in detail •Door open & closed buttons •Phase failure detection •Correction drive •Over load by-pass function •Hall lantern and gong at all landings •Fireman drive •Voltage stabilizer for control system •Three side handrail in stainless steel •Stainless steel false ceiling •Lift enunciator
46	BHP & make of the motor	To be quoted by the firm and technical specifications and literature to be attached.
47	Make and model of the control	To be quoted by the firm and technical specifications and literature to be attached.

TECHNICAL SPECIFICATIONS

PROVIDING 1 NO ELEVATOR FOR THE INSTALLATION OF 8 PASSENGERS ELEVATOR AT HAFED COMPLEX, GURGAON

1	Type & capacity of elevator	Passenger elevator, 680 Kg, 8 Persons
2	Number of elevator	One
3	Speed	1.0 m/s
4	Travel	13.40 mtr
5	Number of floors	4 (Ground + 3 upper floor)
6	Number of position of car entrances	1 (one) Front only
7	Position of machinery	Directory above liftwell
8	Size of liftwell existing at site for one no. elevator	1900 mm x 2100 mm
9	Size of elevator from inside	As per manufacturers for 8 passengers capacity, lift with existing liftwell size of 1900 mm x 2100 mm
10	Floor to floor height	3350 mm
11	Clear opening of left door	800 mm x 200 mm
12	Car Enclosure	Constructed out of stainless steel panels in hairline finish
13	Car entrance	Center opening stainless steel panels in hairlines finish with provisions of emergency key opening at all landing with a clear opening of 800 mm (wide) x 2000 mm (high)
14	Hoist way entrance	Center opening stainless steel panels in hairlines finish with provisions of emergency key opening at all landing with a clear opening of 800 mm (wide) x 2000 mm (high)
15	Door operation	Automatic AC V-3 F/DC door operation with adjustable door opening and closing timing.
16	Cotrol	Duplex
17	Operation	AC variable voltage variable frequency
18	Power supply	3 Phase AC-415 \pm 10% variation 50 Hz = \pm 5% variation
19	Ventilation	Concealed blowers to be provided above false ceiling
20	Flooring	Granite flooring
21	Lighting	Diffused/Concealed lighting in car
22	Indicators	Digital direction and position indicators in car and at all landings
23	Car opening panels	One numbers operating panel in car
24	PIT available	1600 mm deep
25	Living accuracy	\pm 5 mm independent of load in the

		car
26	Guide rails	Tongue and groove guide rails
27	Civil works	The firm shall provide scaffolding, MS joint channels, pit ladders and minor civil works as required at no extra payment.
28	Maintenance	Free maintenance services for one year
29	Safety and buffers	As per ISI provisions
30	Fire safety	Landing door shall be fire rated for 2 hour.
31	Installation & Commissioning	The job includes installations, testing, Commissioning as required to complete the work in all respect including cost of all material, T&P carriage & labour etc.
32	Standard and rules	The complete lift including, testing, Commissioning and safety provisions shall conform to various Indian standard and rules with upto date amendments as mentioned below:- <ol style="list-style-type: none"> 1. IS 14665 (Part 1 to 3) :2000 2. IS 14665 (Part 5) : 1999 3. IS 4591 = 1968 4. IS 1735 = 1975 5. Lift Act 6. Indian Electricity Rules 1956
33	Other features	<ul style="list-style-type: none"> •Emergency light and alarm with rechargeable battery •Lift announcement system •Infrared safety curtain •Intercom •LCD/LED/Digital display in car •Load weighting device •Steel items •Automatic rescue device to bring the elevator to a landing in case of power failure should be in detail •Door open & closed buttons •Phase failure detection •Correction drive •Over load by-pass function •Hall lantern and gong at all landings •Fireman drive •Voltage stabilizer for control system •Three side handrail in stainless steel •Stainless steel false ceiling •Lift enunciator

34	BHP & make of the motor	To be quoted by the firm and technical specifications and literature to be attached.
35	Make and model of the control	To be quoted by the firm and technical specifications and literature to be attached.

Special Condition for freight/passenger elevators**1. Payment schedule:-**

- (i) 60% of contract amount will be paid after receipt of complete material supply at site required for installation/commissioning of elevators.
- (ii) 30% of contract amount will be paid on successful commission and handing over of elevators after obtaining necessary certificates from concern authorities.
- (iii) 10% of contract amount will be paid on successful of maintenance period.
- (iv) VAT and any other tax and taxes shall not be paid to the contractor and the rates quoted by the contractor shall be inclusive of VAT and all Taxes and nothing shall be paid Extra in whatsoever account. The rate quoted shall be inclusive of service tax.

2. Warranty :-

Warranty period of each elevator will be one year from the date of commissioning.

3. Performance Guarantee:-

After conducting satisfactory trial run, the supplier will give advance notice for showing the proper performance of machines in which representative of Hafed and consultant Hafed will be associated. The testing of performance parameter will be carried out within 15 days of receipts of notice. The performance parameter will be tested as under:

- a) It will be the responsibility of the supplier to give rated performance in case the performance is not as per required specification than the quantum of variation whether minor/major will be assessed by the committee of the Hafed Officers/Consultant. Hafed will be free to impose penalty/Deduction in original price as may be considered appropriate depending upon the quantum of variation.
- b) Tenderer should arrange the inspection of PWD/licensing Authority and obtain the requisite certificate for operation of the elevator from them and no separate payment will be made on this account.

Price Bid

Name of work:- Supply, Installation, Testing and Commissioning of 6 Nos. two ton capacity freight elevators and one No.8 passenger elevator in Multistorey Commercial Warehouse at Gurgaon.

Sr. No.	Description	Quantity	Unit	Rate to be quoted by the Agency	Amount
1	Supply, erection, Testing and Commissioning of 6 Nos. two ton capacity freight elevator with existing well size of 2600mm X 2900mm and depth of 1600 mm for ground + two floors being 13.40 metres app. With 3 stops & 3 opening and equal height of 5025 mm for two floor and 3930 mm for last floor complete as per technical specification enclosed to the entire satisfied of Hafed (Drg Enclosed). The cost shall be inclusive of all taxes, duties and specification as annexure in DNIT and DNIT special condition & or other better / additional specification considered by bidder. The cost shall be for finished item and no extra amount shall be applicable for completeness of items bidder should inspect site before submitting the tender.	6 (Six)	Nos		
2	Supply, erection, Testing and Commissioning of one Nos. 8 passengers lift with existing well size of 1900mm X 2100mm and depth of 1600 mm for ground and three floors having total height of 13.40 metres app. With 4 stops & 4 opening with equal height 3350 mm for each floor to floor complete as per technical specification (Drg. Enclosed).	1 (one)	No		

D/MAN

HDM

CHD

JE(Elect.)

SDE(Elect.)

XEN(HQ)

Approved by

**Superintending Engineer
Hafed Panchkula**

Signature of Contractor
