

DNIT For Renovation o/o Assistant Engineer, Estate Manager and Staff Quarter HBH, Sonapat



# **TENDER DOCUMENTS**

## **FOR**

**RENOVATION OF OFFICE OF ASSISTANT ENGINEER,  
SECTOR-15, ESTATE MANAGER, H.No.1669, SECTOR-14,  
SONEPAT AND STAFF QUARTER, H.No.1701, SECTOR-14,  
SONEPAT.**

Contractor

Witness

Executive Engineer

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## HOUSING BOARD HARYANA, CONSTRUCTION DIVISION FARIDABAD

### TENDER NOTICE

Sealed tenders are hereby invited by the undersigned on behalf of Housing Board Haryana from the contractors currently enlisted in the appropriate category with any State Government, Central Government, M.E.S. and Public sector undertakings. The contractors of the appropriate class should submit at the time of applying for tender papers/ certificate(s) from appropriate authority of having successfully completed three similar works each of value not less than 40% of estimated cost or two similar works each of value not less than 50% of the estimated cost or one similar work of value not less than 80% of the estimated cost of the relevant packages in the last five years. The performance security for Co-operative Labour and Construction Societies shall be half of the performance security applicable to the contractors for the works upto Rs.50.00 lacs. The cost of works executed by the tenderer shall be updated @10% per annum compoundable.

S. No	Name of Works	Estimated Cost (Rs.)	Tender document cost (Rs.)	Earnest Money (Rs.)	Time Limit	Last date of sale of tender document	Last date & time of receipt of tenders.	Date & time of opening of tenders
1.	Renovation of office of Assistant Engineer, Sec-15, Sonapat, Estate Manager, H.No.1669, Sector-14, Sonapat and Staff Quarter, H.No.1701, Sector-14, Sonapat.	596500/-	1000/-	11930/-	3 Months	28.7.2014 upto 1.00 PM	28.7.2014 upto 3.00 PM	28.7.2014 upto 3.30 PM

**Note:** The intending tenderer shall fill his offer in the percentage rate above or below on the Haryana Schedule of rates-1988 plus sanctioned ceiling premium as on the date of tender at its appropriate place, signs all pages of the tender documents and initial

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all the corrections and cuttings. The percentage rate given on HSR-1988 plus sanctioned ceiling premium on the date of tender will also be applicable on the rates of non schedule items mentioned in the DNIT. The tenders in format other than the single percentage tender will not be considered and will be rejected.

Further tender notice with other details & conditions is available on website [http:// www.hbh.nic.in](http://www.hbh.nic.in) and [www.tenders.gov.in](http://www.tenders.gov.in)

**For and on behalf of Housing Board Haryana**

**(Er. N.K.Sahu)**  
**Executive Engineer**  
**Housing Board Haryana,**  
**H.No.2191-92, Sec-28**  
**Faridabad.**  
**Phone No.0129-2276030**

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## **HOUSING BOARD HARYANA, CONSTRUCTION DIVISION FARIDABAD**

### ***DIRECTION FOR THE GUIDANCE OF CONTRACTORS AND GENERAL RULES***

1. Tenders are hereby invited on behalf of Housing Board Haryana from the contractors currently enlisted in the appropriate category with any State Government, Central Government, MES and public Sector Undertakings. The contractors of appropriate class should submit at the time of applying for tender papers/certificate(s) from appropriate authority of having successfully completed three similar works each of value not less than 40% of the estimated cost or two similar works each of value not less than 50% of the estimated cost of one similar work of value not less than 80% of the estimated cost of the relevant packages in the last five years. The performance security for Co-operative Labour and Construction Societies shall be half of the performance security applicable to the contractors for the works upto Rs.50.00 lacs.

For this purpose "cost of work" shall mean of the value of the completed works including the cost of material supplied by the client organization but excluding the material those supplied free of cost. This should be certified by an Officer not below the rank of Executive Engineer or equivalent. The cost of works executed by the tenderers shall be updated @ 10% per annum compoundable.

Note: Following factors shall be used for updating the cost of works @ 10% per annum:

Years Before	Multiplying Factor
One	1.10
Two	1.21
Three	1.33
Four	1.46
Five	1.61

### **RENOVATION OF OFFICE OF ASSISTANT ENGINEER, SEC-15, SONEPAT, ESTATE MANAGER, H.NO.1669, SECTOR-14, SONEPAT AND STAFF QUARTER, H.NO.1701, SECTOR-14, SONEPAT.**

The details of the schedule of specification of which are given in the enclosed schedule.

2. The tenders will be received by the Executive Engineer, Housing Board Haryana, H.No.2191-92, Sector-28, Faridabad in double envelop system up to 15.00 hours on 28.7.2014. The first envelope of tenders will be opened on 28.7.2014 at 15.30 hours in the office of the Executive Engineer, Housing Board Haryana, Faridabad by the Executive Engineer concerned in the presence of tenderers or their authorized representatives, who may like to be present. The second envelope containing the "Price Bid" will be opened after proper scrutiny of the "Terms & Conditions Bid" & other documents contained in first envelope.
- 3.(i) Earnest Money @ 2% of the estimated cost as mentioned in the tender notice subject to maximum of Rs.5.00 lacs in shape of demand draft/ pay order/ Banker's cheque drawn on any scheduled Bank of India in favour of Housing Board Haryana, Faridabad payable at Faridabad of any scheduled bank, (In case of demand draft, the draft shall be payable at Faridabad) must accompany each tender and tender is to be in the sealed cover prescribed the name of the work and addressed to the Executive Engineer Housing Board, Haryana, Faridabad.
- (ii) The contractual agency is required to deposit earnest money @2% of the estimated cost of work in case of enlisted contractors and 1% of estimated cost of work upto 50.00 lacs and earnest money of Rs.15000/- or @ 1% whichever is less for works upto Rs.30.00 lacs in case of registered Co-op. L & C Society.

**No other form of payment of earnest money will be accepted.**

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4. The contractual agency in whose favour allotment of work will be approved shall have to deposit the remaining amount to make earnest money 2% and in case of Co-operative Labour and Construction Societies are required to deposit remaining amount to make earnest money 1% of the estimated cost as mentioned in the tender notice of work within 7 days from the date of the intimation from Executive Engineer before issuance of allotment letter of work. In case contractual agency fails to deposit the remaining amount by the stipulated date intimated by Executive Engineer, then earnest money deposited by the agency will be forfeited.
5. Tenders should be on the prescribed form on Percentage Rate Tender and contract for works, which can be obtained from the Office of Executive Engineer, Housing Board Haryana, Faridabad or from the office of Executive Engineer, Housing Board Haryana, Panchkula, Karnal, Rohtak & Gurgaon. The tender documents can also be obtained from the office of Chief Engineer, Housing Board Haryana, Plot No. C-15, AWAS BHAWAN, Sector-6, Panchkula. The prescribed form contains the "Condition of the contract" to be complied with by the person whose tender may be accepted. Applicant will be required to pay in shape of Banker's cheque, Demand Draft or Pay order Rs.1000/- (Non Refundable) as cost of tender form supplied to them.  
  
Tender are also available on the Web site [www.hbh.gov.in](http://www.hbh.gov.in) and [www.hbh.nic.in](http://www.hbh.nic.in), which can be downloaded. The necessary tender document fees shall be enclosed separately in shape of DD/PO with EMD
6. The sale of tender documents will start during office hours on 15.7.2014 and closed on 28.7.2014 at 1300 hours.
7. If the prescribed dates are declared holidays due to any reason the next working date shall be the effective date.
8. Tenders submitted telegraphically will not be considered at all and shall be out rightly rejected.
9. The tenderer is advised to visit the site of work, at his own cost, and examine it and its surroundings by itself collect all information that the tenderer considers necessary for proper assessment of the prospective assignment.
10. The intending tenderer shall fill his offer in the percentage rate above or below on the Haryana Schedule of rates 1988 plus Sanctioned Ceiling Premium as on the date of tender at its appropriate place ,signs all pages of the tender documents and initial all the corrections and cuttings. the percentage rate given on HSR 1988 plus sanctioned ceiling premium on the date of tender will also be applicable on the rates of non scheduled items mentioned in the DNIT. The tenders in format other than the single percentage tender will not be considered and will be rejected.
11. Further information can be obtained and a schedule of quantities, the details plans and Specifications can be seen in the Executive Engineer's Office between 9.00 AM. to 5.00 PM. on any working day.

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12. The validity of the tender will be 90 (ninety) days from the date of opening of tender, if a tenderer limits the validity to a lesser period in his tender, his tender will liable to be rejected .
13. Each tenderer shall give proof to the entire satisfaction of Executive Engineer that he is in possession of PWD B&R Specifications Book 1990 as applicable to Haryana and amendment till to date.
14. The Executive Engineer reserves to himself the right of issuing the material to the contractor as per list enclosed for use on work at the places and rates noted against each plus 3% storage charges. The contractor shall be responsible for obtaining all such material required for work from Board's store as per terms of contract, regardless of fluctuations in the market rates or in the stock issue rates of the Division. No carriage or incidental charges will be borne by the Board for moving the materials beyond the place where the contractor has agreed to take delivery thereof, even if there is a specific provision for the payment of carriage and incidental charges in the preface of Haryana P.W.D. Schedule of Rates, 1988.
15. The tenderer shall initial all corrections in his tender as regards percentage, time etc.
16. Acceptance of tender will rest with the competent authority that does not bind itself to accept the lowest tender and reserves to itself the authority to reject any or all the tenders without assigning any reason.
17. The tenderer shall comply with the detailed instructions incorporated in the tender documents.
18. The tenderer whose tender will be accepted is required to execute a contract agreement on the prescribed form of contract on non-judicial stamp paper of Rs.100/- and to furnish security for the fulfillment of the contract. This security will consist of deduction of 10% from the running payments to be made on account of work done subject maximum 5% of agreement amount. The 2% earnest money (mentioned at paragraph-3 above) will be treated on part of the security.
19. If any information furnished by the Contractual Agency is found incorrect at a later date, he shall be debarred from tendering/taking up works in future in Housing Board Haryana. The Board reserves the right to verify the particulars furnished by the Contractual Agency independently.
20. If the tenderer is an individual, he shall sign the tender documents above his full name with seal and current address.
21. If the tenderer is a proprietary firm, the tender documents shall be signed by the proprietor above his full type written name with seal and the full name of his firm with its current address.
22. If the tenderer is a firm in partnership, the tender documents shall be signed by all the partners of the firm above their full typewritten names and current addresses or alternatively by a person holding power of attorney for the firm. In the later case a certified copy of the power of attorney should accompany the tender document. In both cases a

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- certified copy of the partnership deed and current addresses of all the partners of the firm with its seal should accompany the tender document.
23. If the tenderer is a Limited Company or a Corporation, the tender documents shall be signed by a person duly authorized by the Company / Corporation. The Officer who will give the power of attorney to the that person for signing the tender document shall be competent to give such power of attorney in the Memorandum of Articles of Association. The tender document must accompany the copy of the power of attorney given to that person. The Company / Corporation should also furnish a copy of the Memorandum of Articles of Association duly attested by a Public Notary.
  24. Performance certificates from respective Organizations certifying suitability, technical know how and knowledge will be submitted duly signed by an officer not below the rank of Executive Engineer or Chief Project Manager or equivalent.
  25. If the tenderer modifies or withdraws his tender without written consent of the Executive Engineer within a period of ninety days from the date of opening of tender, he will be blacklisted and his earnest money will be forfeited.
  26. The tenderer should submit his offer in two envelopes. Terms and conditions should be put in first envelope subscribed as "Terms and Conditions Bid" duly sealed and submitted along with price for withdrawal of each condition. The earnest money (and tender document fees in case of document downloaded from internet) and proof of enlistment of the contractual agency in appropriate category duly attested will also be enclosed in the first envelope. The second envelope subscribed as "Price Bid" shall contain only the rates and no other conditions, clarification or observations. Second envelope of only those contractors will be opened who will ful fill conditions and eligibility criteria. Any departure from the above would make the tender liable for rejection and it will not be opened and if erroneously opened, will not be considered at all.
  27. The authority opening the tender will first of all open the first envelope subscribed as "Terms and Conditions" by the tenderers. He will get each conditions priced from the concerned tenderer, if the same has not been priced by the tenderer. If the tenderer fails to price the condition & deviate from the above procedure, his tender would be treated as invalid and it would not be opened or if erroneously opened, shall not be considered at all. Further the tenderer responsible for the material deviation shall be liable to be delisted forthwith without assigning any reason. However, it is made clear that in case the first envelope is not received alongwith the "Price Bid" envelope, it will be presumed that tenderer has no condition to offer and thus it will be treated as nil.
  28. In case any tenderer does not comply with the procedure given above and fails to give financial implications and pricing of his conditions (for the with-drawl of the conditions at variance with stipulations of tender documents it will be presumed that he is not interested in the work and second envelope i.e. "Price Bid" envelope shall be returned to him unopened & un considered, while opening and deciding the second envelope of other tenderers.

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29. No tenderer is allowed to give any fresh conditions/rates that are disadvantageous to the Board after opening Price Bid. Such a condition, if given, makes the tender invalid.
30. If a tenderer with draws or modify any of condition that is already priced at the instance of Board then effect of condition as originally offered by the agency will be accounted for, working out the lowest tenderer.

Estimated cost	Rs.596500/-
Earnest Money	Rs.11930/-
Time Limit	3 Months.

No.	Sub Head of Estimate	Qty.	Rate	Unit
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For these details please see the bill of quantities attached

31. The Tenderer shall give the following information along with the tender in the prescribed proforma.
- List of works already completed by the tenderer. (Proforma 'A')
  - Declaration regarding works in hand with the tenderer. (Proforma 'B')
  - List of Plant and Machinery in good working order available with the tenderer. (Proforma 'C').
32. The contractual agencies enlisted with organizations other than Housing Board Haryana and in whose favour allotment of work will be approved has to furnish the details of immovable and moveable property owned by them and their residential address supported with documentary proof alongwith deposit of balance earnest money to make 2% of estimated cost as mentioned in tender notice before issue of allotment letter.
33. The contractor shall associate an eligible Electrical contractor for the execution of electrical works. The contractor executing the electrical works under this contract must be enlisted with C.P.W.D, M.E.S, Railways or State P.W.D or any State. The name of the eligible Electrical contractor along with his consent shall be submitted by the main Civil contractor to the concerned Executive Engineer before the award of the tender along with certified copy of Class-A license issued by the competent authority.
34. The contractual agencies should have class-A Electrical license and license of HT & LT issued by the Chief Electrical Inspector Govt. of Haryana.

(General Rule) Cond.35

The contractual agency to whom the work allotted should get the completion certificate from DHBVNL as required as per rule, as per norms of DHBVNL.

Certified that this N.I.T. contains 1 to 80 pages

Date \_\_\_\_\_

**Divisional Accountant**  
**Housing Board Haryana**  
**Faridabad**

**Executive Engineer**  
**Housing Board Haryana**  
**Faridabad**

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**PROFORMA 'A'**

**LIST OF WORK ALREADY COMPLETED BY THE TENDERER**

Sr. No.	Name of work	Place	Date of Start	Date of Completion	Time taken in month to complete work	Remarks
(1)	2(a)	2(b)	2(c)	(3)	(4)	(5)

Date

Signature of the tenderer

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**PROFORMA ('B')**

**DECLARATION REGARDING WORK IN HAND WITH THE TENDERER**

Sr. No.	Name of work	Place	Estimate cost	Date of issue of allotment letter	Stipulated period of completion	Amount of work done	Brief detail of delay if any	Remarks
(1)	2(a)	2(b)	(3)	(4)	(5)	(6)	(7)	(8)

Note: 1.Amount of work done in column 6 should be given up to the month pervious to the month in which tenders are invited.

Date

Signature of the tenderer

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**(ANNEXURE'C')**

**LIST OF PLANT AND MACHINERY IN GOOD WORKING ORDER AVAILABLE  
WITH THE TENDERER**

Sr. No.	Plant & Machinery	Location	Age of Machinery	Make	Capacity	Approx. value	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

Dated:

Signature of the tenderer

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**HOUSING BOARD HARYANA, CONSTRUCTION DIVISION, FARIDABAD  
( FORM : F-1 )**

**PERCENTAGE RATE TENDER AND CONTRACT FOR WORKS**

1. All works proposed for execution by contract will be notified in form of invitation to tender pasted on a board hung up in the office of Executive Engineer and signed by the Executive Engineer.

This form will state the work to be carried out, as well as the date for submitting and opening tenders and the time allowed for carrying out the work also the amount of earnest money to be deposited with tender, and the amount of the security deposit to be deposited by the successful tenderer and percentage, if any to be deducted from bills. Copies of the specifications, designs and drawings, Haryana P.W.D. Schedule of Rates 1988 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 contractors at the office of the Executive Engineer during office hours.

2. In the event of the tender being submitted by a firm, it 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 from that partner to do so.
3. Any person who submits a tender shall fill up the usual printed form, stating at how much percentage above or below the rates specified, he is willing to undertake the work. Only percentage above or below on all the Haryana PWD Schedule of rates 1988 plus sanctioned ceiling premium on the date of tender shall be named. 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 condition of any sort, will be liable to rejection. No single tender shall include more than one work, but contractor who wish to tender for two or more works shall submit a separate tender for each. Tenderers shall have name and number of the work they refer written outside the envelope.
4. The Executive Engineer or his duly authorised Assistant will open tenders in the presence of any intending contractor or their authorised agents who may be present at the time and will enter the amount of several tenders in a comparative statement in a suitable form. In the 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 purposes of identification sign copies of the specification and other documents. In the event of a tender being rejected, the earnest money forwarded with such unaccepted tender shall thereupon be returned to the contractor.
5. The Board may refuse or suspend payments on account of a work when executed by firm or by contractor 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 actual receipts on behalf of the firm.

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6. The receipt of an accountant or Clerk for any money paid by the contractor will not be considered as any acknowledgement of payment to the Executive Engineer and the contractor shall be responsible for seeing that he procures receipt signed by the Executive Engineer.
7. The memorandum of work tendered for and the memorandum of materials to be supplied by Housing Board Haryana 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 and completed, he shall request the office to have this done before he completes and delivers his tender.
8. The Executive Engineer shall have the right of rejecting all or any of the tender without assigning any reason.

**Divisional Accountant  
Housing Board Haryana  
Faridabad**

**Executive Engineer  
Housing Board Haryana  
Faridabad**

Contractor

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<b>TENDER FOR WORKS</b>	
<p>I/We hereby tender for the Chairman of Housing Board Haryana hereinafter referred to as Board for the execution of the Work specified in the underwritten memorandum within the time specified in such memorandum at <b><u>percent below / above the rates entered in the Haryana P.W.D. Schedule of rates 1988/derived rates of HSR-1988 plus sanctioned ceiling premium as applicable on the date of receipt of tender/ Non schedule (N.S.) item exhibited in the DNIT.</u></b></p> <p>Part- II (Rule 1,) and in accordance in all respects with the specification drawings and instructions in writing referred to in Rule 1 hereof and in Clause 2 of the annexed conditions and with such materials as are provided for and by all other respect in accordance with such conditions so far as applicable.</p> <p><b>MEMORANDUM</b>  <b>General description</b>  <b>A) NAME OF WORK : RENOVATION OF OFFICE OF ASSISTANT ENGINEER, SEC-15, SONEPAT, ESTATE MANAGER, H.NO.1669, SECTOR-14, SONEPAT AND STAFF QUARTER, H.NO.1701, SECTOR-14, SONEPAT.</b></p> <p>b) Estimated Cost : Rs.596500/-  c) Earnest Money : Rs.11930/-  d) Security Deposit (including earnest money) _____  e) Percentage, if any to be deducted from bills: 10% of the work done (including earnest money) subject to a maximum of five percent of original agreement amount.  f) Time allowed for the work from the date of written order to commence 3 months.</p> <p>Shall this tender be accepted I/We hereby agreed to abide by and fulfill all the terms and provisions of the said conditions of contract annexed hereto so far as applicable or in default thereof to forfeit and pay to the Board or its successors in office the sums of money mentioned in the said conditions.</p>	<p><b>In figure as well as words</b></p> <p><b>a) If several sub works are included they should be detailed line separate list</b></p>
Contractor	Witness
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<p>The sum of Rs. .... Deposited vide Demand Draft/Pay Order number ..... dated..... as earnest money the full value of which is to be absolutely forfeited to the Board or its successors in office, without prejudice to any rights and remedies of the said Board or its successors in office, should I/We fail to commence the work specified in the above memorandum otherwise the said sum of Rs. .... shall be retained by Board on account of the security deposit specified in Clause 1 of the said conditions of the contract.</p>		<p><b>Signature of contractor before submission of tender</b></p>
<p>Dated the ..... day of .....2014</p>		
<p><b>Witness</b> Address Occupation</p>	<p><b>Contractor</b> Address</p>	<p><b>Signature of witness to contractor's signature</b></p>
<p>The above tender is hereby accepted by me on behalf of the Board date the ..... day of ..... 2014.</p>		<p><b>Signature of the officer by whom accepted</b></p>
<p><b>Executive Engineer</b> <b>Housing Board of Haryana,</b> <b>Faridabad</b></p>		

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<b>CONDITIONS OF CONTRACT</b>	
<p><b>Clause-1 :</b> The person/persons whose tender may be accepted (hereinafter called the persons contractor) shall permit Board at the time of making any payment to him for work done under the contract to deduct security @ 10% (subject to maximum 5%) of the agreement amount from the running payments to be made on account of work done (with the earnest money deposited by him). Such deductions to be held by Board by way of security deposit. All compensation or other sums of money payable by the contractor to Board under the terms of his contract may be deducted from the security deposit or from any sums which may be due or may become due to the contractor by the Board 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 Board securities endorsed as aforesaid any sum or sums which may have been deducted from his security deposit or raised by sale of his securities deposit or any part thereof.</p> <p><b>Clause-2 :</b> The time allowed for carrying out the work as entered in the tender shall be strictly observed by the contractor and shall be 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 percent which the Executive Engineer-in-Charge may levy on the amount of the estimated cost of the whole work as shown by the tenderer for every day that the work remains un-commenced 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 the whole time allowed under the contract has elapsed; one-half of the work before one half of such time has elapsed and 3/4 of the whole work before three fourth of the whole time has elapsed and so on. 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 Executive Engineer may levy on the said estimated cost as mentioned in the tender notice of the whole work for every day that the due quantity of work remain incomplete provided always that the entire amount of compensation to be paid under the provision of this clause shall not exceed ten percent on the estimated cost of work as shown in the tender. The Chief Engineer may on representation from the contractor recommend reduction of the compensation with reasons to be recorded in writing to the Chief Administrator, whose decision shall be final.</p> <p><b>Clause - 3 :</b> In any case in which under any clause or clauses in this contract, the contractor shall have rendered himself liable to pay compensation amounting to the whole of his security deposit (whether paid in one sum or</p>	<p><b>Security Deposit</b></p> <p><b>Compensation for delay</b></p>

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deducted by installments) the Executive Engineer on behalf of the Board shall have power to adopt any of the following courses, as he may deem best suited to the interest of Board :

- (a) To rescind the contract (of which rescission notice in writing to the contractor under the hand of the Executive Engineer shall be conclusive evidence), and in which case the security deposit of the contractor shall stand forfeited, and be absolutely at the disposal of the Board.
- (b) To employ labour paid by the Housing Board Haryana and to supply material to carry out the work, or any part of the work debiting the contractor with the cost of the labour and the price of material (of the amount of which cost and price a certificate of the Executive Engineer shall be final and conclusive, against the contractor) and crediting him with the value of the work done, in all respect in the same manner and 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 against the contractor.
- (c) To measure up the work of the contractor, and to take such part thereof as shall be unexecuted out his hands and to give to another contractor to complete, in which case any expenses 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 writing 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 Board under the contract or otherwise or from his security deposit or the proceeds of sale thereof or sufficient part thereof.

In the event of any of the above courses being adopted by the Executive Engineer, the contractor shall have no claim to compensation for any loss sustained by reasons of his having purchased or procured any material or entered in any engagement or made any advances on account of or with a view to the execution of the work for 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 for any work thereof actually performed under this contract, unless and until the Executive Engineer will certify 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.

**Clause - 4 :** In any case in which any power conferred upon the Executive Engineer 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 not with standing be exercisable in the event of any future case of default by the contractor for which by any clause or clauses 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 further compensation shall remain unaffected

**Action when whole of security deposit is forfeited**

**Contractor remains liable to pay compensation if action not taken under clause 3**

Contractor

Witness

Executive Engineer

<p>in the event of the Executive Engineer putting in force either or the powers (a) or (c) vested in him under the preceding clause he may, if he so desire, take possession of all or any tools, materials and stores in or upon the works, or the site thereof or belonging to the contractor or procured by him and intended to be used for the execution of the work any part thereof, paying or allowing for the same on account of the contract rates or in case of these not being applicable at current market rates to be certified by the Executive Engineer may by notice in writing to the contractor or his clerk of the works foreman or other authorized agent required him to remove such tools, plant and in the event of the contractor failing to comply with any such requisition the Executive Engineer may remove them at the contractor's expense or sell them by auction or private sale on account of the contractor and at his risk in all respects and the certificate of the Executive Engineer as to the expense for any such removal and the amount of proceeds and expense of any such sale shall be final and conclusive against the contractor.</p>	<p><b>Power to take possession of or require removal of sell contractors' plant</b></p>
<p><b>Clause - 5 :</b> If the contractor shall desire an extension of the time for completion of the work on the ground of his having unavoidably hindered in its execution or on any other ground, he shall apply in writing to the Executive Engineer within 30 days of the date of the hindrance on account of which he desires such extension as aforesaid and the Chief Engineer shall if in his opinion (which shall be final) reasonable ground be shown such as non supply of material that are to be arranged by the Board as per Contract or non making of required drawings available to the contractor for execution of works therefore authorized such extension of time, if any as may, in his opinion be necessary or proper. Extension in time limit would not be considered for non-arrangement of material that is required to be arranged by the contractor. The Chief Engineer grant extension in time limit specified in the rarest of the rare causes with a speaking order and with the priors concurrence of the Chief Administrator only.</p>	<p><b>Extension of time</b></p>

Contractor

Witness

Executive Engineer

**Clause - 6 :** 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 details 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 in the schedule of rates in force. The contractor shall include in such monthly return particulars 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 execution of the 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 by the circumstances.

**Contractor to submit a return every month on any works claimed as extra.**

**Clause - 7 :** Without prejudice to the rights of Board under any clause hereinafter contained on completion of the work, the contractor shall be furnished with a certificate by the Executive Engineer of such completion but no such certificate shall be given nor shall the work be considered to be complete until the contractor shall have removed from the premises on which the work shall be executed all scaffolding, surplus materials and rubbish and cleaned off the dirt from all wood work, walls floors or other parts of any building in upon or about which the work is to be executed or of which he may have had possession for the purpose of the execution thereof and 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 of dirt on or before the date fixed for the completion of the work, the Executive Engineer may at the expense of the contractor remove such scaffolding ; surplus materials and rubbish and dispose off the same as thinks fit and clean of such dirt as aforesaid and the contractor shall forthwith 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.

**Final certificate**

**Clause - 8 :** No payments shall be made for works estimated to cost less than rupees one thousand till after the whole of the works shall have been completed and a certificate of completion given. But in the case of works estimated to cost more than rupees one thousand the contractor shall on submitting bill thereof be entitled to receive a monthly payment proportionate to the part thereof than approved and passed by the Executive Engineer whose 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 regarded as payment 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, unsounded and imperfect or unskillful work to be removed and taken away and reconstructed or re-erected or be considered as an admission or the due performance of the contract, or any part thereof in any respect or the

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

Contractor

Witness

Executive Engineer

occurring of any claim nor shall it conclude determine or effect in any way the power of the Executive Engineer under the terms conditions or any of them as to the final settlement and adjustment of the accounts or otherwise or in any other way vary of affect the contract. The final bill shall be submitted by the contractor within one month of the date fixed for completion of the work, otherwise the Executive Engineer certificate of the measurement and of the total amount payable for the work accordingly shall be final and binding on all parties.

**Clause - 9 :** A bill shall be submitted by the contractor each month on or before the date fixed by the Executive Engineer for all work executed in the previous month and the Executive Engineer shall take or cause to be taken the requisite measurement for the purpose of having the same verified and the claim and for 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 Executive Engineer may depute a subordinate to measure up the said work in the presence of the contractor, whose countersignature to the measurement list will be sufficient warrant and the Executive Engineer may prepare a bill from such list which shall be binding on the contractor in all respects.

**Clause - 10 :** The contractor shall submit all bills on printed forms to be had on application at the office of the Executive Engineer and the charge in the bill shall always be entered at the rate 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 hereafter provided for such work.

**Clause - 11 :** If the specification of estimate of the work provides for the use of any special description of materials to be supplied from the Executive Engineer's store or if it required that the contractor shall use certain stores to be provided by the Executive Engineer (such materials 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 in any way to control the meaning or effect of this control 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 purpose of the contract only and the value of the full quantity of materials and stores so supplied the rates specified in the said schedule or memorandum may be set of so deducted from any sums then due or thereafter so become due to the contractor under the contract or otherwise against for from the security deposit. All material supplied to the contractor shall remain the property of the contractor but shall not on any account be removed from the site of the work without the written permission of Executive Engineer and shall at time be opened to inspection by him. Any such materials unused and in perfectly good condition at the time of the completion of the contract shall be returned to the Executive Engineer'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 unless with such consent and shall have no claims for compensation on account of any such

**Bills to be submitted monthly**

**Bills to be on printed form**

Contractor

Witness

Executive Engineer

materials so supplied to him as aforesaid being unused by him, or for any wastage in or damage to any such materials.

**Clause 12 :** The contractor shall execute the whole and every part of the work in the most substantial and workman like manner and both as regards materials and otherwise in every respect in strict accordance with the specification. The contractor shall also conform exactly, fully and faithfully to the designs, drawings and instructions in writing relating to the work signed by the Executive Engineer and lodged in the office and to which the contractor shall be entitled to have access at such office or on the site of the work for the purpose of inspection during office hours and the contractor shall if he so require be entitled at his own expense to make of cause to be made copies of the specification and of all such designs drawings and instructions as aforesaid.

**Clause - 13 :** The Executive Engineer shall have full powers at all time to object 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 Executive Engineer requesting the removal of and such man or men from the work the contractor to comply with the request forth with. No such workman foreman or other employee after his removal from the works by request of the Executive Engineer shall be re-employed or reinstated on the works by the contractor at any time except with the prior approval in writing of the Executive Engineer. The contractor shall not be entitled to demand the reason from the Executive Engineer for requiring the removal of any such workman, foreman or other employee.

**Clause - 14 :** The Executive Engineer shall have power to make any alterations in or omission from additions to or substitutions for the original specifications, drawings, designs, and instructions that may appeal to him to be necessary or advisable during the progress of the work and the contractor shall be bound to carry out the work in accordance with any instructions which may be given to him in writing signed by the Executive Engineer and such alterations, additions or substitutions shall not invalidate the contract and any altered additional or substituted work which the contractor may be directed to do in the manner above specified as part of the work shall be carried 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 specified in the tender for main work. The time for the completion of the work shall be extended in proportion that the altered additional or substituted work bears to the original contract. And if the certificate of Executive Engineer shall conclusive as to such proportion. And if the altered additional or substituted work includes any class of work for which no rate is specified in the contract then such class of work shall be carried out at the rates entered in the Haryana PWD Schedule of rates 1988 of the District, subject to the same percentage above or below as included in the contract and if such class of work is not entered in the Haryana PWD Schedule of rates 1988 of the District then the contractor shall within seven days of the date of receipt of his order to carry

**Works to be executed in accordance with specifications, drawings, orders etc.**

**Removal of employed work men and foremen.**

**Alternation in specifications & designs**

**Do not invalidate contracts**

**Extension of time of time in consequence of alterations.**

Contractor

Witness

Executive Engineer

<p>out the work inform the Executive Engineer of the rate which in his intention to charge for such class of work and if the Executive Engineer does not agree to his rate he 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 there to before the rate shall have been determined lastly hereinbefore 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 aforesaid according to such rate or rates as shall be fixed by Executive Engineer and the decision of the Chief Engineer shall be final.</p> <p><b>Clause - 15 :</b> If any time after the commencement of the work, the Board shall for any reason whatsoever not require the whole work thereof as specified in the tender to be carried out the Executive Engineer 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 work not having been carried out neither shall he has any claim for compensation by reason of any alteration having been made in the original specification, drawings, designs and instructions which shall involve any curtailment of the work originally contemplated.</p> <p><b>Clause 16 :</b> If it shall appear to the Executive Engineer 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 materials or articles provided by him for the execution of the work are unsound, or of a quality inferior to that Executive Engineer specifying the work materials or articles complained of not withstanding that the same may have been inadvertently passed, certified and paid for, forthwith rectify or remove and reconstruct the work so specified whole or in part as the case may require, or as the case may be, removed the material or article so specified and provide other, proper and suitable materials or articles at his own proper charge and cost, in the event of his failing to do so within a period to be specified by the Executive Engineer in his demand aforesaid then the contractor shall be liable to pay compensation at the rate of one percent on the amount of the estimate for every day not exceeding ten days while his failure to do so shall continue and in the case of any such failure the Executive Engineer may rectify or remove and re-execute the work or remove and replace other materials or articles complained of as the case may be, at the risk and expense in all respect of the contractor.</p> <p><b>Clause - 17 :</b> All work under or in course or executed in pursuance of the contract shall at all times be open to the inspection and the supervision of the Executive Engineer and his subordinate and the contractor shall at all times during the usual working hours and at all other times at which reasonable</p>	<p><b>Rates for works not in estimate or schedule of rates of the District.</b></p> <p><b>No compensation for alternation or restriction of work to be carried out.</b></p> <p><b>Action &amp; compensation payable in case of bad work</b></p> <p><b>Works to be open to inspection</b></p>
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Contractor

Witness

Executive Engineer

<p>notice of intention of the Executive Engineer or his subordinate to visit the works shall have been given to the contractor either himself be present to receive orders and instruction or have a responsible agent duly accredited in writing present for the purpose. Orders given to the contractor's agent shall be considered to have the same forces as if they had been given to contractor himself.</p>	<p><b>Contractor or responsible Agent to be present.</b></p>
<p><b>Clause - 18 :</b> The contractor shall give not less than five day's notice in writing to the Executive Engineer or his subordinate-in-charge of the work before covering up or otherwise placing beyond the reach of measurement any work in order that same may be measured and correct dimensions there of be taken before the same is so covered up or 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 Executive Engineer or his subordinate-in-charge of the work 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 contractor's expense, or in default thereof no payment or allowance shall be made for such work or the materials with which the same is executed.</p>	<p><b>Notice to be given before work is commenced</b></p>
<p><b>Clause - 19 :</b> If the contractor or his work people or servants 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 the work or any part of it is being executed or if any damage shall happen to the work, while in progress, from any cause whatever or any imperfections become apparent in it within one year after a final certificate of its completion have been given by the Executive Engineer as aforesaid, the contractor shall make the same good at his own expense, or in default, the Executive Engineer may cause the same to be made good by other workman and deduct expense (of which the certificate of the Executive Engineer shall be final) from any sums that may be then, or at any time thereafter may become due to contractor, or from his security deposit. The warranty liability period of the contractor shall be one year from the date of completion of work.</p>	<p><b>Contractor liable for damage done and for imperfections to months after certificate.</b></p>
<p><b>Clause – 20 :</b>The contractor shall supply at his own cost all materials except such special materials if as may in accordance with the contract be supplied from the Executive Engineer stores, plants tools, appliance, implements, ladders cordage tackle scaffolding and temporary work requisites 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 the Executive Engineer as to any matter to which under these conditions he is entitled to be satisfied or which he is entitled to require with carriage thereof to and from the work. The contractor shall also supply without charge the requisite number of the persons with the means and materials necessary for the purpose of setting out works and counting weighing and</p>	<p><b>Contractor to supply plant, ladder, scaffolding etc.</b></p> <p><b>And be liable for damage, arising from non-provision of light, fencing etc.</b></p>

Contractor

Witness

Executive Engineer



DNIT For Renovation o/o Assistant Engineer, Estate Manager and Staff Quarter HBH, Sonapat

<p>assisting in the measurement or examination at any time and from time to time of the work or materials failing his so doing the same may be provided by Executive Engineer at the expense of the contractor shall also provide all necessary fencing and lights required to protect the public from accidents and shall be bound to bear expenses of difference 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 damages and cost which may be awarded in any such suit action or proceedings to any such persons or which may with consent of the contractor be paid to compromise any claim by any such person.</p> <p><b>Clause - 21</b> : No female labourer shall be employed within the limits of a cantonment.</p> <p><b>Clause - 22</b> : No labourer below the age 18 years shall be employed on the work.</p> <p><b>Clause - 23</b> : The contractor shall pay his labourer not less than the wages paid for similar work in the neighborhood.</p> <p><b>Clause - 24</b> : No work shall be done on Sunday without the sanction in writing of the Executive Engineer.</p> <p><b>Clause - 25</b> : In every case in which by virtue of the provisions of section 12 sub-section (1) of workmen’s compensation Act. 1923, Board is obliged to pay compensation to a workman employed by the contractor in execution of work. Board will recover from the contractor the amount of compensation so paid and without prejudice to right to Board under section 12, sub-section (2) of the said Act. Board shall be at liberty to recover such amount or any part thereof by deducting it from the security deposit or from any sum due by Board to the contractors whether under their contract or otherwise. Board shall not be bound to contest any claim made against it under Section 12, sub-section (i) of the said act except on the written request of the contractor and upon his giving to Board full security for all costs for which Board might become liable in consequence of contesting claim.</p> <p><b>Clause 26</b> : The contract shall not be assigned or sublet without the written approval of the Executive Engineer and if the contractor shall assign or sublet his contract or attempt so to do or become insolvent or commence any insolvency proceedings or make any composition with his creditors or attempt so to do or if any bribe, gratuity, gift, loan, perquisite; reward or advantage pecuniary or otherwise shall either directly or indirectly be given promised or offered by the contractor or any of his servants or agents to any public officer or person in the employ of the Board in any way relating to his office or employment if any such officer or person shall become in any way directly or indirectly interested in the contract, the Executive Engineer may thereupon by notice in writing rescind the contract and the security deposit of the contractor shall thereupon stand forfeited and be absolutely at the</p>	<p><b>Female labour</b></p> <p><b>Work on Sundays</b></p> <p><b>Contractor liable for payment of compensation to injured workman or in case of death to his relation.</b></p> <p><b>Work not be sublet.</b></p> <p><b>Contract may be rescinded &amp; security deposit forfeited for subletting, bribing or if contractor become insolvent.</b></p>
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Contractor

Witness

Executive Engineer

<p>disposal of the Board and same consequence shall ensure as the contract had been rescinded under clause-3 hereof and in addition the contractor shall not be entitled to recover or be paid for any work, therefore actually performed under the contract.</p>	
<p><b>Clause 27 :</b> All sums payable by way of compensation under any of these conditions shall be considered as reasonable compensation to be applied to the use of Board without reference to the actual loss or damages sustained and whether or not any damages shall have been sustained.</p>	<p><b>Sum payable by way of compensation to be considered as reasonable</b></p>
<p><b>Clause 28 :</b> The contractor shall be debarred from claiming any amount of compensation/damages on account of reduced profitability.</p>	<p><b>Compensation with out reference to actual loss.</b></p>
<p><b>Clause 29 :</b> Any excess payment made to the contractor inadvertently or otherwise under this contract or any account whatever and any other sum found to be due to Board by the contractor in respect of his contract or any other contract or work order or on any account whatever, may be deducted from any sum whatsoever payable by Board to the contractor either in respect of this contract or any order or contract or any other account by any other department of the Government/Boards/Corporations.</p>	<p><b>Deductions of amount due to Government on any account whatsoever to be permissible from sums payable to a contractor.</b></p>
<p><b>Clause 30 :</b> In case of any firm/contractor make changes in the constitution of the firm/partnership then the same shall be forthwith notified by the firm/contractor to the Executive Engineer for his information.</p>	<p><b>Change in constitution of firm</b></p>
<p><b>Clause 31 :</b> All work to be executed under the contract shall be executed under the directions of and subject to the approval in all respect of the Executive Engineer of the Board 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.</p>	<p><b>Works to be Executed under direction of Executive Engineer</b></p>
<p><b>Clause 32 :</b> No claim for payment of an extraordinary nature, such as claims for a bonus for an extra labour employed in completing the work before the expiry of the contractual period at the request of the Executive Engineer or claim for compensation where work has been temporarily brought to standstill though no fault of the contractor shall be allowed unless and to the extent that the same shall have been expressly sanctioned by the Board.</p>	<p><b>Claim for payments of extraordinary nature to be referred to Board for decision.</b></p>

Contractor

Witness

Executive Engineer

**Clause 33 :**

(1) If any dispute or difference of any kind whatsoever shall arise between the Housing Board Haryana or its authorized agent and the contractor in connection with or arising out of the contract or the execution of the work that is (i) whether before its commencement or during the progress of the work or after its completion, (ii) and whether before or after the termination abandonment or breach of the contract it shall in the first instance be referred to for being settled by the Executive Engineer –in-charge of the work at the time and he shall within a period of sixty days after being requested in writing by the contractor to do so convey his decision to the contractor and subject to arbitration as hereinafter provided such decision in respect of every matter so referred shall be final and binding upon the contractor. In case the work is already in progress the contractor will proceed with the execution of the work on receipt of the decision by the Executive Engineer as aforesaid with all due diligence whether he or the Housing Board Haryana/its authorized agent requires arbitration as hereinafter provided or not. If the Executive Engineer of the work has conveyed his decision to the contractor and no claim to arbitration has been filed with him by the contractor within a period of sixty days from the receipt of letter communicating the decision, the said decision shall be final and binding upon the contractor and will not be a subject matter of arbitration at all. If the Executive Engineer of the work fails to convey his decision within a period of sixty days after being requested as aforesaid the contractor may within further sixty days of the expiry of first sixty days from the date on which request has been made to the Executive Engineer request the Chief Administrator, HBH, that the matter in dispute be referred to arbitration as hereinafter provided.

(2) All disputes or differences in respect of which the decision is not final and conclusive shall at the request in writing of either party, made in a communication sent through Registered A.D. post be referred to the sole Arbitrator to be nominated by the Chief Administrator from amongst officers who will be either.

(i) A serving Superintending Engineer or Chief Engineer of the Housing Board, or Haryana PWD B&R Branch.

Or

(ii) A retired Superintending Engineer, Chief Engineer or an Engineer-in-Chief of the Housing Board or Haryana PWD B&R or any the person to be selected out of panel of Arbitrator approved by the Chief Administrator.

It will be no objection to any such an appointment that the Arbitrator so appointed is a Housing Board Employee/Government servant or that he had to deal with the matters to which the contract relates and that in the course of his duties as a Housing Board Employee/Government

**Arbitration  
clause**

Contractor

Witness

Executive Engineer

servant he had expressed his views on all or any of the matters in dispute. The Arbitrator to whom the matter is originally referred being transferred or vacating his office his successor in office as such shall be entitled to proceed with the reference from the stage at which it was left by his predecessor.

In case the Arbitrator nominated by the Chief Administrator Housing Board Haryana, is unable or unwilling to act as such for any reason whatsoever, the Chief Administrator shall be competent to appoint and nominate any other Superintending Engineer or Chief Engineer as the case may be as Arbitrator in his place and the Arbitrator so appointed shall be entitled to proceed with the reference.

- (3) It is also a term of this arbitration agreement that no person other than a person appointed by the Chief Administrator

Housing Board Haryana, Panchkula shall act as Arbitrator and if for any reason that is not possible, the matter shall not be referred to arbitration at all. In all cases the Arbitrator shall give reasons for his award in respect of each claim and counter claim separately.

- (4) The Arbitrator shall award separately giving his award against each claim and dispute raised by either party including any counter-claims individually and that any lump-sum award shall not be legally enforceable.

- (5) The following matters shall not lie within the purview of arbitration:

(a) Any dispute relating to the levy of compensation as liquidated damages which has already been referred to the Superintending Engineer/Chief Engineer and is being heard or has been finally decided by the Superintending Engineer/Chief Engineer.

(b) Any dispute in respect of substituted, altered, additional work/omitted work/defective work referred by the contractor for the decision of the Chief Engineer, Housing Board Haryana, or if it is being heard or has already been decided /heard by the said Chief Engineer. Any dispute regarding the scope of the work or its execution or suspension or abandonment that has been referred by the contractor for the decision of the Housing Board Haryana, has been so decided finally by the Housing Board Haryana.

- (6) The independent claims of the party other than the one getting the Arbitrator appointed, and the counter-claims of any party will be entertained by the Arbitrator notwithstanding that the Arbitrator had been appointed at the instance of the other party.

Contractor

Witness

Executive Engineer

(7) It is also a term of this arbitration agreement that where the party invoking arbitration is the contractor, no reference for Arbitrator shall be maintainable unless the contractor furnishes to the satisfaction of the Executive Engineer of the work, a security deposit of a sum determined according to details given below and the sum so deposited shall, on the termination of the arbitration proceedings, be adjusted against the cost, if any, awarded by the Arbitrator against the claimant party and the balance remaining after such adjustment, in the absence of any such cost being awarded the whole of the sum will be refunded to him within one month from the date of the award :

S.No	Amount Claims	Rate of Security Deposit
i).	For claims below Rs. 10,000/- :	2.0% of amount claimed
ii	For claims of Rs. 10,000 & above but below Rs. 1,00,000/-	5 % of amount claimed
iii.	For claims of Rs. 1,00,000/- and above	7.5 % of amount claimed

The stamp-fee due on the award shall be payable by the party as decided by the Arbitrator and in the event of such party's default the stamp-fee shall be recoverable from any other sum due to such party under this or any other contract.

(8) The venue of arbitration shall be such place or places as may be fixed by the arbitrator in his sole discretion. The work under the contract shall continue during the arbitration proceedings.

(9) Neither party shall be entitled to bring a claim for arbitration, if the appointment of such Arbitrator has not been applied within 6 months:

Or

(a) from the date of completion of the work as certified by Executive Engineer- in-charge.

Or

(b) from the date of abandonment of the work.

Or

(c) of its non commencement within 6 months from the date of abandonment, from the date of written orders to commence the work as applicable.

Or

Contractor

Witness

Executive Engineer

	<p>(d) from the completion of the work through any alternative agency or means after withdrawal of the work from the contractor in whole or in part and / or its decision .</p> <p style="text-align: center;">Or</p> <p>(e) of receiving the intimation from the Executive Engineer of the work that final payment due to or recovery from the contractor had been determined which he may acknowledge and / or receive.</p> <p>Whichever of (a) to (e) above is the latest?</p> <p>If the matter is not referred to arbitration within the period prescribed above, all the rights and claims of any party under the contract shall be deemed to have been forfeited and absolutely barred by time even for civil litigation notwithstanding.</p> <p>10) It is also a term of this arbitration agreement that no question relating to this contract shall be brought before any civil court first involving and completing the arbitration proceedings as above, if the scope of the arbitration specified herein covers issues that can be brought before the arbitrator, i.e., any matter that can be referred to arbitration shall not be brought before a Civil Court. The pendency of arbitration proceedings shall not disentitle the Housing Board Haryana to terminate the contract and make alternative arrangement for the completion of the work.</p> <p>(11) The Arbitrator shall be deemed to have entered on the reference on the day he issue notices to the parties fixing the first date of hearing. The Arbitrator may from time to time with the consent of the parties enlarge the initial time for making and publishing the award.</p> <p>(12) It is also a term of this arbitration agreement that subject to the stipulation herein mentioned the arbitration proceedings should be conducted in accordance with the provisions of the Arbitration Act. 1996 or any other law in force for the time being.</p> <p>(13) In case of dispute, if any, of the party intends to go for in arbitration the expenses concerning to the arbitration proceedings such as fee of the Arbitrator, if necessary stamp paper for award and all the expenses concerning to the traveling allowances of witnesses, stationery or any other charges concerning to the arbitration case shall be borne by the party going in for the arbitration.</p> <p>(14) If the matter is not referred to Arbitrator within the specified period, all the rights/ claims under the contract shall be deemed to have been forfeited and absolutely time barred. The Arbitrator shall give a speaking award otherwise the award shall be null &amp; void and will not be binding on the parties.</p>
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Contractor

Witness

Executive Engineer

<p><b>Clause – 34</b> No alteration in the contract rate shall be admissible in consequence of fluctuation in railway freight when such railway freight is on account of material which is required by a contractor in the manufacture of an article to be supplied under this contract, e.g., fluctuation of railway freight on coal required for burning bricks will not be taken into consideration, or for an article which forms parts of a finished work for purposes of this clause. Similarly no alteration in rates will be allowed when a manufactured article is transferred by rail from place A to B to form part of a finished work.</p>	<p><b>Fluctuation in railway freight</b></p>
<p><b>Clause - 35</b> When the estimate on which a tender is made includes lump-sum in respect of part of the work, the contractor shall be entitled to payment in respect of the items of work involved or the part of the work in question at the same rate 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 Executive Engineer capable of measurement, the Executive Engineer may at his discretion pay the lump-sum amount entered in the estimate and the certificate in writing of the Executive Engineer shall be final and conclusive against the contractor with regard to any sum or sums payable to him under the provisions of this clause.</p>	<p><b>Lump sum estimate</b></p>
<p><b>Clause - 36</b> In the case of any class of work for which there is no such specification as is mentioned in (Rule-1), such work shall be carried out in accordance with the Haryana PWD Specification ,1990 as and in the event of there being no distinct specification then in such case the work shall be carried out in all respect in accordance with the instructions and requirements of the Executive Engineer.</p>	<p><b>Action where no specification</b></p>
<p><b>Clause - 37</b> The expression “works” or “work” where used in these conditions shall unless there be something either in the subject or context repugnant to such construction be construed and taken to mean the works by or by virtue of the contract contracted to be executed whether temporary or permanent and whether original altered substitute or additional.</p>	<p><b>Definition on work</b></p>
<p><b>Clause - 38</b> The contractor shall be responsible for Housing Sanitation and medical treatment of labour employed on the work and shall abide by all the rules and regulations on the subject.</p>	
<p><b>Clause - 39</b> The percentage referred to at page 6 of the tender will be calculated on the gross amount value of finished work including cost of materials whether purchased from the Board or direct of (1) the items of work to which the rates in the tender apply and also (2) the apply items of work for which the rates exist in the schedule of rates.</p>	
<p><b>Clause - 40</b> The terms and conditions of the agreement have been explained to me/us and I/we clearly understand them.</p>	

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<p><b>Clause - 41</b> Unless otherwise provided for in the contract the term “Executive Engineer” referred to in this tender and contract for the means “Executive Engineer”, Housing Board Haryana , Faridabad.</p>	
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Contractor

Witness

Executive Engineer



DNIT For Renovation o/o Assistant Engineer, Estate Manager and Staff Quarter HBH, Sonapat

**SCHEDULE OF MATERIAL TO BE ISSUED BY THE DEPARTMENT  
MATERIAL STATEMENT FOR THE WORK OF: RENOVATION OF OFFICE OF  
ASSISTANT ENGINEER, SEC-15, SONEPAT, ESTATE MANAGER, H.NO.1669,  
SECTOR-14, SONEPAT AND STAFF QUARTER, H.NO.1701, SECTOR-14, SONEPAT.**

The following material will be issued by the Board to the Contractor at the rates noted against each plus 3% storage charges from Housing Board's store/Godown or any other Godown hired by the Board at **Sonapat** for use on aforesaid work.

<b>S.No.</b>	<b>Description of Material</b>	<b>Unit</b>	<b>Rates</b>	<b>Remarks</b>
1.	Ordinary Portland Cement or PPC packed gunny bags / HDPE bags including cost of empty cement bags. Per bag of 50 kg denomination including the cost of container.	Each Bag	Rs.225/- plus 3%(Three percent)storage charges	In case the ceiling premium has been revised during the period of approval of DNIT and receipt of tender, the recovery will be made at the rates mentioned in the new ceiling premium list and the tender amount will be worked out on the basis of revised issue rates.
2.	Mild Steel / Tor Steel of all dias/ Fe-500 EQR TMT	Per MT	Rs 45500/- plus 3%(Three percent)storage charges	

2. The contractor shall be responsible for loss or damage to any material such as cement, steel, tiles issued to him by the Board from any cause whatsoever. In case of material is not utilized for the purpose for which it is issued and is otherwise disposed off by him or spoiled or lost or allowed to get deteriorated, the cost of such quantity of that material shall without prejudice to other rights and remedies available to the Board be recoverable from the contractor at Board's actual purchase rate or the current market rate, whichever is higher.

3. The recovery from contractor for the material consumed in excess or in short of the theoretical requirements as per specification/Haryana PWD. Schedule of Rates, 1988 shall be made at Board's actual purchase rate or the current market rate, whichever is higher. The variation to be regulated by the proceeding para-2 shall be dealt with as under:

**A) For material issued free of cost direct chargeable to work.**

**i) Excessive consumption of material up to 5% (Five percent) of theoretical consumption** recovery will be made from contractor at the Board's actual purchase rate or the current market rate, whichever is higher plus three percent storage charges provided in the contract.

**ii) Excessive consumption of material more than 5% (Five percent) of theoretical consumption.**

If actual consumption exceeds the theoretical consumption by more than 5% then the recovery shall be made for the excessive consumption of material beyond initial 5% at

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double the Board's actual purchase rate or the current market rate, whichever is higher plus three percent storage charges provided in the contract.

**iii) Short consumption of material up to 5% (Five percent) of theoretical consumption**

The recovery of cost of material saved would be made form the contractor at the Board's actual purchase rate or the current market rate, whichever is higher plus three percent storage charge provided in the contract.

**iv) Short consumption of material more than 5% (Five percent) of theoretical consumption**

In case it is not possible to determine the exact item on which less material has been used, the cost of material shall be recovered from the contractor beyond initial 5% at double the Board's issue/recovery rate plus 3% storage charges. In case it is possible to determine the exact item on which less material has been used it shall be at the discretion of the Board either to reduce the rates of the items of work involved or to reject such item/work where it is felt that the structural of the building has been adversely affected. The decision of the Chief Engineer, Housing Board Haryana shall be final.

4. In case of cement issued by the Board the net weight of 50kg. denomination per bag shall be considered and not the actual weight after losses in handling.
5. A cement register in prescribed form showing day to day receipt/consumption and balance of cement at each work site will be maintained by the HBH, which shall invariably be signed daily by the contractor or his authorized representative in token of its correctness.

**Divisional Accountant,  
Housing Board Haryana,  
Faridabad**

**Executive Engineer,  
Housing Board Haryana  
Faridabad**

Contractor

Witness

Executive Engineer

**LIST OF APPROVED MAKE OF VARIOUS ITEMS**

<b>S. N.</b>	<b>ITEMS</b>	<b>MAKE</b>
1.	ISI marked PVC Pipe & special for Rain Water	Prince, Finolex, Supreme & Atul
2.	ISI marked UPVC Sanitary Pipe SWR grade & special	Prince, Finolex ,Supreme & Atul
3.	G.I Pipe	Tata, Jindal (Hissar)
4	G.I.Pipe fittings/ specials	Unik, U,SVW, NVR
5	C.P.fittings	Essco, Nova, Cera
6	ISI marked Chinaware , Wash basin & W.C	Perryware , Hindware , Cera .
7	Seat Cover, ISI marked	Comander , Cera, Duralite
8	PVC Cistern 7.5 liter Capacity (Two lever system)	Perryware , Hindware, Cera
9	ISI marked Stainless Steel Sink with CP waste.	Nirali , Nilkanth, Jayana
10	Aluminium Door/ Window fittings	Nulite, Crown, Classic
11	Paint 1 <sup>st</sup> Quality	Nerolac, Berger, Asian.
12	Acrylic paint	Asian, Berger, Nerolac
13	Washable Oil Bound Distemper	Asian, Berger, Nerolac
14	Pressed Steel Chowkhat	All BIS approved.
15.	ISI marked Flush Door Shutter	<b>Minimax</b> , Haryana Ply Wood, Swastic Ply Board Ltd. Jaipur.
16.	LLDPE Storage Tank ISI marked	Atul, Sintex , Diplast,.
17.	Ceramics glazed floor & wall tiles.	Kajaria , Somany, Orient.
18.	Iron hinges	Maruti, Ashish, Garg
19.	Glass	Saint gobain, modiguard.

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	<b>ELECTRICAL ITEMS</b>	
1.	ISI marked Rigid PVC pipe & Accessories (Medium Quality)	Diplast , Precision ,Polycab, Polypak.
2.	ISI marked Cable with copper conductor with fire retarded insulation	Polycab, Havells, Delton.
3.	ISI marked Piano type switches	Anchor, SSK, Havells
4	ISI marked Batten holder, Ceiling Rose, Bell	Anchor, SSK, Havells
5	ISI marked ACB, MCBs & MCCB enclosures & ELCBs, VCB, Relay etc.	Havells, North West, Standard.
6.	PVC Junction Box	Any ISI marked
7.	Bakelite Sheets ISI marked	V-Hylam, Super Hylem.

**Note:**

- In respect of materials for which approved makes are not specified above, the same shall be decided by the Chief Engineer, HBH and shall be as per sample got approved from Chief Engineer before procurement. The Contractor shall submit samples of all such materials 3 months before the date of start of such work for approval from the Chief Engineer, HBH.
- The contractor shall produce samples before procurement of the material for approval for all materials required for works. Samples can be submitted for any of the above makes and they shall confirm to specifications. Samples as approved by the Chief Engineer HBH shall only be used on the works and the decision of the Chief Engineer, HBH regarding make of material shall be final. Only ISI marked will be allowed to use on works.
- In case material bearing BIS/ISI certification Mark are not available, the quality of material shall be judged by standard laid down in the relevant BIS/ISI specification for which make/brand shall be got approved from Chief Engineer, Housing Board Haryana.

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**TECHNICAL CONDITIONS, IMPORTANT SPECIFICATIONS AND MODE OF MEASUREMENTS FOR ELECTRICAL WORKS CONDUIT SYSTEM OF WIRING (FOR BOTH PVC AND STEEL CONDUIT).**

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1. Before energizing the system, following tests certificate be given by the contractor, so as to find out that installation conforms to relevant rules/  
Regulations:-
  - (a) **Earth Resistance Tests.**
  - (b) **Earth Continuity Tests.**
  - (c) **Insulation Tests.**
  - (d) **Polarity Tests.**
2. The PVC Copper wire unless otherwise specified conforming to present enforced ISI specifications shall only be used at site of works from the list of approved material appended with this DNIT.
3. Looping in system of wiring shall be adopted for all sub-circuit wiring.
4. In the item of bell point, the contractor will install bell push, the cost of which will be adjusted against the ceiling rose cost included in the item and nothing extra will be payable on this account and no compensation will be allowed to contractor.
5. All PVC conduit pipes should be embedded within slab or in walls after making chases and at no point should be provided in the floor.
6. Sizes of M.S. boxes made from 18 gauge MS Sheet as per relevant IS standard shall only be used.
7. MCBs & enclosure etc. will be installed of one make only and the thickness of CRCA sheets should be 1.20mm (18 gauge) for SPN box and 1.60mm (16 gauge) for TPN boxes as permitted by DGS&D.
8. G.I. pipes for earthing for protection of earth wire shall be medium (B Class) quality.
9. The rigid PVC conduit pipes (Medium) to be used on the work should bear the manufacturer's Trade Mark and shall be ISI marked & should be out of the make indicated in the list of material appended with the DNIT. All specials should bear the trade mark of the same manufacturer
10. The contractor will have to employ licenced supervisor for the execution of Electrical installation works. **The contractor executing the electrical work under this contract will possess 'A' class license from Chief Electrical Inspector to Govt. of Haryana.** However, the contractor can sublet the internal electrical work to a person/agency possessing 'A' class licence from the Chief Electrical Inspector to Govt. of Haryana. The contractor is required to submit the test report in respect of each house/dwelling unit for its submission to the electricity Supply Company.

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11. All chases and holes made for wiring or for other purposes shall be refilled properly and neatly for bringing to original finish to the satisfaction of Engineer-in-Charge. If the building construction work is in progress, the electrical work shall proceed along with for the purpose of cutting chases and holes.
12. The consideration of various size of cable and conduct pipes shall be allowed as tabulated detail below:-

Sr no	Size of cable	Size of conduit pipe/ No of wires allowed		
		20mm	25mm	32mm
1	1.5 sqmm	5	10	14
2	4 sqmm	3	6	12
3	6 sqmm	2	5	8
4	10 sqmm	-	4	7

13. The arrangements for the electric supply required for construction purpose shall be made by the contractor at his own cost.
14. Material out of the list attached with D.N.I.T shall only be used at site after getting the same approved from Chief Engineer.
15. Contractor shall be responsible for damage/pilferage of electrical fittings till the houses are handed over.
16. All the round junction box and fan box covers shall be of 3mm thick Bakelite sheet and nothing extra shall be paid on this account. The colour of these Bakelite sheet cover shall be as approved by the Executive Engineer .
17. The work will be executed strictly as per PWD specifications unless and otherwise specified.
18. Definition and measurement of points and wiring of DNIT item no. 1, strictly followed as per Haryana PWD Specifications.
19. Sizes of M.S. boxes for various combination will be as under:

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## DNIT For Renovation o/o Assistant Engineer, Estate Manager and Staff Quarter HBH, Sonapat

➤ 1 Fan point and up to 2 switches	225mmx100mm65mm
➤ 2 Fan point and 2 switches	200mmx100mmx65mm
➤ 1 Switch	100mm x 100mm x 50mm
➤ 2 Switches	175mm x 100mm x 50mm
➤ 3 Switches	175mm x 100mm x 50mm
➤ 2 Switches and 1 socket 5amp.	225mm x 100mm x 50mm
➤ 3 Switches & 1 socket 5amp.	225mm x 100mm x 50mm
➤ 1 16 amp. Switch 1 Nos. 16 amp. Socket	225mmx100mmx65mm

The size of Bakelite sheet should be 20mm more than size of M.S. Box e.g. for M.S. box of size 75mm x 75mm, size of Bakelite sheet shall be 95mm x 95mm and so on.

20. Multi Strand Copper conductor cable shall be allowed to use.
21. 3mm thick Bakelite sheet of IS marked of approved will be used for item No.31.38 i.e. wiring in existing conduit pipe, instead of 5mm thick Bakelite sheet without any deduction.

Contractor

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Executive Engineer

### ADDITIONAL CONDITIONS

1. The work will be executed strictly in accordance with the Haryana PWD Specification 1990 (as applicable to Haryana) corrected up to date at the time of tenders, unless specified to contrary.
2. The contractor shall not be entitled to any payments on account of work done till he signs the agreement and the same is accepted by the competent authority.
3. Royalty, Sales Tax, Service Tax , Excise Duty, Octroi or any other tax or levy shall be paid by the contractor direct to the respective department in accordance with their rules and regulations enforce from time to time, without any liability to the Housing Board Haryana.

#### 4. Technical staff at the site of work

The contractor shall be required to keep at the site of work following technical staff when work costing to Rs.5.00 lacs and above as under:-

Where a work costing Rs.5.00 lacs and above up to Rs.15.00 lacs	One Qualified Junior Engineer (Diploma in Civil Engineering) for civil work and Electrical Engineering for Electrical work.
<b><u>Where a work costing more than Rs.15.00 lacs and above</u></b>	One Qualified Engineer (Degree in Civil Engineering or equivalent) for civil work and Degree in Electrical Engineering equivalent for Electrical work.

**“In case the agency fails to deploy the technical staff as specified the Engineer-in-charge shall deploy the same at the cost of agency and necessary recovery shall be made from the pending dues of the agency.”**

5. Actual quantities of completed and accepted work shall only be paid.
6. In case of emergency, the contractor shall be required to pay his labour every day and if this is not done, the Board will make the requisite payment and recover the same from the contractor's dues.
7. No claim shall be entertained on account of increase in price of material and wages of labour due to any cause what so ever.
8. The Executive Engineer reserves the right to take away any item of work or any part thereof at any time during the currency of work and re-allot to any other agency with due notice to the contractor without liability of any kind or payment of any compensation.

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9. 10 % security subject to a maximum of five percent of agreement amount will be deducted from the running bill after adjusting 2% earnest money. The agency can provide equivalent bank guarantee of any scheduled bank in lieu of the cash security after adjusting 2% earnest money. The bank guarantee shall be valid for the duration of the project plus fifteen months.
10. 50% security shall be released after 60 days, but before 75 days of the payment of the final bill. Balance 50% security shall be released after 300 days, but before 330 days of the payment of the final bill.
11. That in case the payment of running bill is not released within forty days from the date of submission of bill by the contractor for the works executed under contract, then the Board would be liable to pay interest @0.03% (zero point zero three percent ) per day of delay beyond 40(forty) days. However, no extension in time limit would be allowed on account of delay in releasing the payment.
12. The payment of final bill shall be released within 90 (ninety) days from the date of completion of work, failing which interest @ 0.03% (zero point zero three percent )of the total amount of the final bill per day of delay beyond 90(ninety) days shall accrue to the contractual agency.
13. In case samples have been drawn by the State Vigilance Bureau or by any other authority but the report and test result of samples have not been received, the payment of running bills; final bill & security will be released after the contractor furnished an undertaking in shape of indemnity bond on the following lines:-

“I/We \_\_\_\_\_ son of Shri \_\_\_\_\_ resident of \_\_\_\_\_ do hereby undertake to bear the recoveries if any, levied by the Board on account of any adverse results for the samples taken by the State Vigilance Bureau or by any other authority from the work of \_\_\_\_\_. I further undertake that I will reconstruct the structure if declared unsafe due to result of the samples. I also undertake that in case of any item of work contains defect of nature which do not endanger the structural stability of the work, it may be accepted and the payment thereof shall be made to us at the reduced rates decided by the Chief Engineer which will be final and binding on us as per additional condition No.21 of the contract agreement. I/we have no objection if all the recoveries are made from any other contract executed with the Board as well as with other Organization.”

14. The contractor will be responsible for any and all losses of material damages done to unfinished works as result of floods and any other act of God. The Housing Board Haryana will not be responsible for any compensation as a result of such damages or loss to the contractor and the contractor shall be liable to set right such damages at his own cost to the satisfaction of the Executive Engineer.

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Executive Engineer

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15. Nothing extra will be paid to the contractor for any lead or lift unless otherwise specified for any material required directly or indirectly under the contract.
16. Nothing extra will be paid to the contractor for diverting water in the channels or streams if it becomes necessary for the execution and completion of the work.
17. Amount of the work can be increased or decreased due to any item omitted and substituted in accordance with the requirement of the Board. and no claim on this account shall be entertained.
18. The contractor shall be responsible for providing to the entire satisfaction of the Executive Engineer at his own expenses for the following amenities for all the labour employed by him: -
  - i) Suitable temporary hutting accommodation.
  - ii) Trench latrines, bathing enclosures, platforms separately for men and women and their regular cleanliness.
  - iii) Clean drinking water.

In event of his failure, to be provided by the Board and cost thereof shall be recovered from the contractor. Any dispute regarding above points shall be settled by the Executive Engineer and his decision shall be final.

19. No claim of any kind whatsoever shall be entertained for any or all the losses or damages to the contractor, due to the completion of the work getting delayed or failure on the part of the Executive Engineer to supply drawings, materials, tools and plant required to be supplied by him under the terms and conditions of the contract.
20. For safe custody of materials and watch and ward thereof and proper double lock arrangement, the contractor shall be bound to follow the instruction of the Executive Engineer.
21. In case the work of any item of work contains defects of a nature which do not endanger the structural stability of the work, it may be accepted and the payment thereof shall be made to the contractor at reduced rates. The decision of the Chief Engineer in this regard shall be final and binding.
22. The contractor executing the Public Health works should either possess a license or engage a licensed plumber for supervision and execution of these works. The license will be issued by the authority competent to issue such license.
23. The Executive Engineer shall have the right to get any item of work shown in the contract schedule of rates executed under this contract to any limit when

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required for the purpose of completion of the work on the same rates and terms as provided under this contract.

24. All clauses and notes given in the Haryana PWD Schedule of rates 1988 with up to date correction slips will be applicable to the date of tender for all items in the DNIT/Haryana PWD schedule of Rates 1988 wherever necessary except Para 9 (b) of preface of Haryana PWD schedule of Rates 1988.
25. The size of reinforced cement concrete and other structural member shall be measured and paid for as per size provided in the structural design.
26. Error or omission, if any in the nomenclature rate or unit of the items or work shall be corrected as per Haryana PWD schedule of Rates 1988.
27. The Executive Engineer reserves the discretion to order the use of fe 500 E.Q.R./ Tor or TMT or Mild steel as per structural requirement.
28. The Executive Engineer reserves the discretion to get any type of material used as per new techniques innovation from the contractor for any work done under this contract. However, the rates for such material/work shall be paid as per provision of clause 14 of the contract agreement.
29. Paint conforms to relevant IS specification and of make indicated in the contract will be arranged by the contractor irrespective of note appended in HSR 1988 .Special quality paint will be used with the approval of the Chief Engineer .
30. The contractor shall comply with the provision of the Apprentices Act. 1961 and the rules and orders issued there under from time to time. If he fails to do so his failure will be breach of contract and the Chief Engineer will have the power to cancel the contract. The contractor shall also be liable for any pecuniary liability arises on account of any violation by him of the provision of the Act.
31. If for execution of the work, the contractor engages imported labour, he shall immediately inform the Local Health Authorities entrusted with the work of eradication of Malaria for their labourers inclusion in the surveillance operation and for getting their blood examined, from the aforesaid authorities in order to prevent Malaria positively.

**Imported labour : Means labour belonging to a State other than the State of Haryana.**

32. The contractor shall have to make arrangement for nourishment of children where 10 or more women worker shall be engaged by him on work, the children shall be under the supervision of one women worker who shall provide them with milk and toys to play in a tent provided at site.

Contractor

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Executive Engineer

## DNIT For Renovation o/o Assistant Engineer, Estate Manager and Staff Quarter HBH, Sonapat

33. Income tax will be deducted from the bills of the contractor according to section 194-C of the Income Tax Act 1961 and instruction issued by the concerned Department from time to time.
34. No pits will be dug by the contractor near the site of building work or within road land for taking out earth for use on the work. In case of default the pits so dug will be filled in by the Board at the cost of the contractor plus fourteen percent departmental charges.
35. All material left at site one month after the completion of work shall become the property of the Housing Board Haryana and contractor shall have no claim wherever for such material left by him at site after one month of completion of work.
36. The contractor shall supply at his own cost and expenses all labour materials etc. for layout and checking of any portion of the work during construction, whereas over required by the Executive Engineer or his representative and nothing extra shall be paid for such services.
37. The contractor shall not remove from the site of work, without the written permission of the Executive Engineer, any material which have been issued to him for use on the work.
38. The contractor will not have any claim in case of delay by the Board of removal of trees of shifting, raising removing of telegraph, telephone or electric lines (over head or under ground) and other structure if any which comes in the way of the work. Material excavated dismantled or cut at the site during execution of work.
39.
  - a) Unless otherwise provided in the contract documents, material such as rubble, gravels, sand, Murrum, Kankar, earth soil etc. obtained from excavation and material obtained by dismantling and existing structure shall remain the property of the Govt./Board. If deemed fit, the Executive Engineer-in Charge may with the approval of competent authority permit the use of such materials on the work in substitution of materials which the contractor would have otherwise provided, subject to the condition that a suitable deduction shall be made in the rate of the items in which such materials are used.
  - b) Any trees, branches, bushes crops etc. which may be required to be cut during the execution of the work shall be handed over to the Housing Board Haryana or disposed off as directed by it.
40. Coarse crusher sand or natural sand of proper quality having FM as per specifications & approved by the Executive Engineer will be used in all masonry work. In case of plaster work, coarse and Jamuna sand of proper quality having FM as per specifications & approved by the Executive Engineer will be used.

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Executive Engineer

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41. All material brought by the contractor to the site of work shall be opened to suitable test by the Executive Engineer and in accordance with the approved make. The contractor shall afford all such facilities as the Executive Engineer may require for collecting and forwarding all such samples and shall hold the material represented by the sample until tests have been made the material found as per standard. The contractor will supply the material required for the test samples without any charges. No material, until it is approved by the Executive Engineer, will be used on the work.
- 41(a) The contractor shall provide weighing and measuring equipments for the works to the entire satisfaction of the Executive Engineer at site for measuring of the various articles, materials brought by him to the site of work for use on the work.
42. Running payments made for any work will not confer any rights on the contract for its final acceptance .A work measured for running payments can be totally rejected at the time of final bill or accepted at such reduced rates which the Executive Engineer thinks reasonable. In case of any dispute arising on this behalf, the decision of the Chief Engineer will be final.
43. 4% sales tax or applicable from time to time will be deducted from the contractor's bill as per latest Haryana Government Gazette Notification.
44. Mechanical Mixer would be used for mixing of mortar in terms of provision of PWD specification and nothing extra will be payable on this account.
45. Earnest money of all the tenderers will be released only after three months or the acceptance of the tender whichever is earlier.
46. In this contract schedule of rates only essential portion of items has been written, but it will deem to cover the entire items as fully described in Haryana PWD schedule of rates, 1988.
47. No claim will be entertained from the contractor, In case of any omission in description, rate or unit occurred in any of the items taken in this schedule while comparing this schedule or on account of typing comparison or over writing and in case of error. The same shall be rectifiable at any stage as per Haryana PWD schedule of rate, 1988 along with the amendments made from time to time.
48. If due to any circumstances the site of work is shifted to another near by site in the same town, the agency will have to execute the work on the rates. terms & condition of allotment letter. No claim on account of change of site shall be entertained.
49. The rates included in the contract schedule of rates cover the cost of filling the water retaining structures; testing for water tightness to the full satisfaction of the Executive Engineer and emptying, if so desired.

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Executive Engineer

## DNIT For Renovation o/o Assistant Engineer, Estate Manager and Staff Quarter HBH, Sonapat

50. Building drawing approved with the unit are tentative may be revised by the Executive Engineer with the permission of competent authority. The agency will have to execute the work in accordance with the revised drawings and shall have no claim due to this revision.
51. In case executing agency brings the earth from the nearest lead than specified in the DNIT then the rate for item of earth filling to be paid will be reduced proportionately.
52. The Contractor shall have to arrange water of good quality at its own which is suitable for construction work as per IS necessary code. Nothing extra shall be paid on this account water shall have to be got tested every three months by the tenderer from HUDA or any other Government approved laboratory.
53. Any cement slurry added over base surface or for the continuation of concreting for better bond is considered to have been included in the item (unless otherwise explicitly stated) and nothing extra shall be payable for extra cement consumed on this account.
54. The preparation of new approach road entrance or repair of the existing approach road and its maintenance during the execution of the work including its restoration shall all be carried out by the tenderer and nothing extra shall be payable on this account.
55. Site shall mean the land(s) or other places into or through which the work is to be executed under the contract OR any adjacent land, path, OR street, through which the work is to be executed under the contract or any adjacent land path or street which may be allotted or used for the purpose of carrying out the contract.
56. The contractor shall plan transportation of construction materials components and equipments over public roads in accordance with traffic regulations as applicable at the time and without causing any obstruction to other traffic or causing accident. No claim whatsoever will be entertained on this account.
57. The contractor shall get the layout for installation of plant machinery, labour huts, stores, site office, workshop, batching plant etc. approved from Executive Engineer in advance. Nothing extra shall be payable on this account.
58. Executive Engineer or his authorized representative may appoint any number of assistant to assist them. Their names duties and scope of authority shall be notified to the contractor and they shall have the authority to issue instructions/give decisions to the extent of duties assigned and powers delegated to them.

Contractor

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59. The contractor shall take all safety precautions pertaining to construction of works such as excavation, trenching blasting demolition provisions of scaffolds 59) ladder working platforms, gangways, mixing asphalted materials, electric arc and gas welding, use of hoisting and construction machinery shall be governed by relevant provisions **Under the Building & other Construction Workers (Regulation of Employment and conditions of Service) Act-1996** and as directed by the Executive Engineer and nothing extra shall be payable on this account.
60. The contractor shall make his own arrangements for water supply and electric power necessary required for the work and shall make necessary payments directly to the W/S & Electricity Department concerned and nothing extra shall be payable on this account R recommendatory letters shall be issued by the department if requested by the contractor, but shall be in no way be responsible for delay in getting required connections and no claim will be entertained in this regard.
61. The contractor shall provide at his own cost suitable leveling, weighing and measuring instruments at site for checking the levels, weight and dimensions etc. as may be necessary for execution of the work without any extra cost. The contractor shall also have to carry out preliminary work of setting permanent bench marks, reference points etc. at his own cost.
62. A number of other agencies will also simultaneously execute the works like electrification, horticulture or external services and other building works etc. for the same project along with this work in particular. The contractor shall work in close co-ordination and shall provide necessary facilities for the same. No claim whatsoever in the matter shall be entertained.
63. Some restrictions may be imposed by the security staff etc. on the working and/or movement of labourers, materials etc. the contractor shall be bound to follow all such restrictions/instructions and nothing extra shall be payable on this account.
64. The Contractor shall take all precautions to avoid accidents by exhibiting necessary caution boards day and night, speed limit boards, red flags, red lights and providing barriers. He shall be responsible for an damages and accidents caused to existing new work due to negligence on his part. No hindrance shall be caused to traffic/running of vehicle during the execution of the work.
65. The Contractor shall be responsible for the watch and ward of the building, safety of all fittings and fixtures including sanitary and water supply fittings and fixtures against pilferage and breakage during the period of installation and thereafter till the building is physically handed over to the Housing Board Haryana.
66. In order to indemnify the Board for any claim on account of damage to adjacent/existing properties / structure, the contractor shall at his own cost, ensure before commencement of the actual work and as per direction of Executive Engineer against such claim that may arise out of or due to work done by him.

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67. The Contractor shall give due notices to municipal, police and / or other authorities that may be required under the Law/Rules under force in the area and obtain all requisite licenses for temporary obstructions / enclosure and pay all charges which may be livable on account of his execution of works, under the agreement nothing extra shall be payable on this account.
68. Clearance of sites at the commencement and completion of work shall be done by the contractor at his own cost. It includes clearance of site, jungle, bushes, undulations trees drains, culverts, temporary structures including any underground features etc. before start of work and dismantling of underground or of other structures, features constructed by the Contractor for execution of works, after completion of work including disposal of malba.
69. The Contractor shall submit programme for successful completion of contract within 20 days from the date of award of work, in case he fails to do so Executive Engineer will prepare such programme which shall be binding on him.
70. If the Contractor might be required to work in two or more shifts (including night work) and no claim whatsoever shall be entertained on this account notwithstanding the fact that the contractor will have to pay the labourers and other staff engaged directly or indirectly on the work according to the provisions of the labour regulations and the agreement entered upon and / or extra amounts for any other reasons. Prior approval for such programme be obtained from Executive Engineer.
71. Before commencement of the work, the contractor shall co-relate all the relevant architectural and structural drawings issued for the work and satisfy himself that the information available there from is complete and unambiguous. The figures and written dimensions on the drawings shall supercede the measurement by scale.
72. The discrepancy, if any, shall be brought to notice of Executive Engineer for decision before execution of the work. The contractor, alone shall be responsible for any loss or damage occurring by the commencement of work on the basis of any erroneous and incomplete information.
73. The contractor shall ensure quality construction in a planned and time bound manner. Any sub-standard material/work beyond set out tolerance limits shall be summarily rejected.

**Materials and testing of materials for quality :**

74. The materials shall be subject to inspection and approval of the Executive Engineer. The Executive Engineer reserve himself the right of issuing of material to the contractor as per list enclosed for use on the works at the places and rates noted against each plus 3% storage charges. The contractor shall be held responsible contract, regardless of fluctuations in the market rates or in the stock issue rates of the Division. No carriage or incidental charges will be borne by the Board for moving the materials beyond the place where the contractor has agreed to take delivery thereof, even if there is a specific provision for the payment of carriage and incidental charges in the preface of Haryana PWD schedule of rates 1988.

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**75. Sub-standard Material / Work:**

In case any materials/work is found sub-standard the same shall be rejected by the Executive Engineer and the same shall be removed from the site of work within 48 hours, failing which the same shall be got removed by the Executive Engineer at the risk and cost of the contractor without giving any further notice and time.

**76. Sample of Materials:**

The contractor shall submit to the Executive Engineer samples of all materials for approval before bringing bulk supplies and before commencing the work. These approved samples shall be preserved and retained in the custody of the Executive Engineer as standard of materials and workmanship till the completion of the work. The testing charges shall be borne by the contractor. The material shall be got tested from the Government Lab/IIT/NIT/PEC /Shri Ram Institute, Delhi. The Executive Engineer shall reserve the right for the number of samples drawn from the works for its testing, as he may consider proper as per provisions of IS Code. In case, the contractor does not comply with any such provisions, the Board shall get it done and the charges shall be recovered from the contractor's dues.

77. In case of any item of HSR, which has not been exhibited in the DNIT due to any reason, the same shall be paid with the premium quoted for the relevant Chapter of HSR. Further, if more than one premium has been quoted for that chapter that premium of nearest item that chapter or overall premium at which the tender has been approved which ever is less will be paid.

It is further clarified that if no rate for the relevant chapter has been quoted then payment with overall premium at which tender has been approved will be paid.

78. The Executive Engineer shall reserve the right for number of samples drawn from the works for its testing from the approved laboratories as he may consider proper. The cost of all such sampling and cartage of all tests shall be borne; by the contractor, in case of failure of samples otherwise such charges will be borne by the Board. In case, the contractor does not comply with any such provisions, the Board shall get it done and the charges shall be recovered from the contractor's dues.

**Insurance Against Accident for Injury to Workers**

79. The Board shall not be liable for, or in respect of any damages or compensation payable at law in respect or in consequence of any accident or injury to any workman or other person in the employment of the contractor or any sub-contractor. the contractor shall indemnify and keep indemnified the Board against all such damages and compensation and against all claims, proceedings, costs, charges and expenses whatsoever in respect thereof or in relation thereto.

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**80. Use of Fly Ash**

- The contractor is required to use fly ash clay bricks conforming to IS: 3812, if the same are available, in view of the Fly Ash Notification issued by the Haryana Government from time to time.
81. One percent or as applicable from time to time labour cess on the construction cost shall be deducted from the contractor's bills as per building and other construction workers welfare cess Act- 1996, with latest amendments.
82. No extra will be made to the contractor for use of Batch mixer, transit mixer, Belt conveyer and over head crane in case it is used at site.
83. Laboratory will be set up by the contractual agency at site at his own cost for the work having agreement cost more than one Crore, as detail attached at C.P.-55. If the contractual agency will fail to establish field laboratory within one month from the date of start of work, the same will be established by the Engineer-in-Charge of work at the risk & cost of contractual agency.
84. The specific loose material will be given to the allottee at the time of possession and he has to get it fixed at his own. No labour rate for fixing the loose material will be paid to the agency.
85. The contractor shall comply with the provision of "Building and other construction workers (Regulation of Employment and conditions of services) Act-1996 latest revised if any, rules and other orders issued there under as amended from time to time" at his level and Housing Board Haryana will not be responsible in case any litigation is arisen.
86. Watch & Ward of completed houses for four months from the date of completion will be the responsibility of contractual agency without any extra payment.
87. Any kind of leakage causing dampness in the building will be rectified by the contractual agency up to one year from the date of completion of the work. In case of failure of contractual agency, action under clause-19 of the contract shall be taken for rectification of the defect.
88. The contractor shall be bound to comply with order of Hon'ble Punjab & Haryana High Court (CWP 20032/2008) regarding use of water for construction in Faridabad.

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**HOUSING BOARD HARYANA CONTRACTORS  
LABOUR REGULATIONS AND FAIRWAGE CLAUSE**

- (1) Short title: These regulations may be called Haryana (1) Public works Department Contractor Labour Regulations.
- (2) Definitions: In the regulations unless otherwise expressed or indicated the following words and expressions shall have the meaning hereby assigned to them respectively that is to say.
  - (A) “Labour” means workers employed by Housing Board Haryana contractor directly or indirectly through a sub-contractor other person or by an agent on his behalf.
  - (B) “Fair wages” means wages whether for time or piece work notified at the time of inviting tenders for the work and where such wages have not been so notified, the wages prescribed by the Haryana Public Works Department for the District in which the work is done.
  - (C) “Contractor” shall include every person whether a sub-contractor or headman or agent employing labour on the work taken on contract.
  - (D) “Wages” shall have the same meaning as defined in the payment of wages Act., 1936 and include time and piece rate wages.
- (3) Display of notice regarding wages, etc. The contractor shall before he commences his work on contract display and correctly maintain and continue to display and correctly maintain in clean and legible condition in conspicuous place on the work notices in English and in the local Indian language spoken by the majority of the workers giving, the fair wages notified or prescribed by the Haryana Public Works Department and hours of work for which such wages are earned.
- (4) Payment of wages (1) Wages due to every worker shall be paid to him direct. (2) All wages shall be paid in current coin or currency or in both.
- (5) Fixation of wages periods
  - (i) The contractor shall fix wages periods in respect of which the wages shall be payable.
  - (ii) No wages period shall exceed one month.
  - (iii) Wages of every workman employed on the contract shall be paid before expiry of ten days after the last day of the wage period in respect of which the wages are payable.
  - (vi) When the employment of any worker is terminated by or on behalf of the contractor, the wages earned by him shall be paid before the expiry of the day succeeding the one on which his employment is terminated.
  - (v) All the payments of wages shall be made on working day.
- (6) (i) Wages books and Wages slip etc. The contractor shall maintain a wage book of each worker in such as may be convenient, but the same shall include the particulars.
  - a) Rate of daily or monthly wages.
  - b) Nature of work on which employed.
  - c) Total number of days worked during each wage period.

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- d) Total amount payable for the work during each wage period.
  - e) All deduction made from the wages with an indication in each of the ground for which the deduction is made.
- (ii) Wage actually paid for each wages period.
- (iii) The contractor shall also maintain a wages slip for each worker employed.
- (iv) The authority competent to accept the contract may grant an exemption from the maintenance of wages book and wages slip to a contractor who in his opinion may note directly or indirectly employ more than 100 persons on the work.
- (7) Fines and deductions which may be made from wages : The wages of a worker shall be paid to him without any deduction of any kind except the following.
- (i) (a) Fines
    - (b) Deduction for absence from duty, i.e., from the place where by the terms of his employment he is required to work. The amount of deductions shall be in proportion to the period for which he was absent.
    - (c) Deduction for damage to or lost of goods expressly entrusted to the employed person for custody or for loss of money for which he is required to account where such damages or loss is directly attributable to his neglect or default.
    - (d) Any other deduction which the Board may from time to time allow.
  - (ii) A fine shall be imposed on a worker and no deduction for damages or loss shall be made from his wages until the worker has been given an opportunity of showing cause against such fines or deduction.
  - (iii) The total amount of fines which may be imposed in any one wage period on a worker shall not exceed an amount equal 50% of the wage payable to him in respect of that wages period.
  - (vi) No fine imposed on a worker shall be recovered from him by installment or after the expiry of 60 days from the date on which it was imposed.
8. Register of fines etc.
- (1) The contractors shall maintain a register of fines and of all deductions for damages or loss. Such register shall mention the reason for which fine was imposed or deduction for damage or loss which was made.
  - (2) The contractor shall maintain a list in English and the local Indian language, clearly defining act and omissions for which penalty or fine can be composed. He shall display such list and maintained it in a clear and legible condition in conspicuous place.
9. Preservation of Book : The wage book, the slip and the register of the deductions required to be maintained under the regulations shall be preserved for 12 months after the date of the entry made in them.
10. Power of labour welfare officers to make investigations or enquiry:

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The Labour Welfare Officer or any other person authorized by the Haryana Housing Board on their behalf shall have power to make enquiries with a view to ascertaining and enforcing due and power observance of the wage clause and the provisions of these regulations he shall investigate into any complaint regarding the default made by the contractor or sub-contractor in regard to such provision.

11. Report of labour welfare officer : The labour officer or any other persons authorized as aforesaid shall submit a report of the result of his investigations or enquiry to the Executive Engineer concerned, indicating the extent if any to which the default has been committed and the amount of the fine recoverable in respect of the acts of omission of the labourer with a note that necessary deduction from the contractor's bill be made and the wages and other dues paid to the labourers concerned.
12. Appeal against decision of the labour welfare officer any persons aggrieved by the decision and recommendation of the labour welfare officer or other persons so authorised may appeal, against such decision to the Labour Commissioner but subject to such appeal, the decision of the officer shall be final and binding upon the contractor.
13. No party shall be allowed to be represented by lawyer during any investigation enquiry appeal or any other proceedings under these regulations.
14. Inspection of Register: The contractors shall allow inspection of the Wage Book and Wage Slips to any of his workers or to his agent at a convenient time and places after due notices is received or the Labour Welfare Office or any other person authorised by the Haryana Housing Board on his behalf.
15. Submission of return : The contractor shall submit periodical return as may be specified from time to time.
16. **Amendments** : The Haryana Housing Board may from time to time add or amend these regulations and or any question as to the application interpretation or affect of these regulations, the decision of the Labour Commissioner to Haryana shall be final.
  - a. Government or any other person authorised by the Haryana Housing Board in that behalf be final.
17. The Government of India with a view to regulate employment of contract labour in certain establishment has enacted the CONTRACT LABOUR (REGULATION & ABOLITION) ACT, 1970.This Act applies to:-
  - i) **To every establishment in which twenty or more workmen are employed or were employed on any day of the preceding twelve months as contract labour;**
  - ii) **To every contractor who employs or who employed on any day of the proceeding twelve months twenty or more workmen.**

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**FAIR WAGE CLAUSES**

**Fair Wage Clause :** Fair Wage Clause should invariably in all notices and conditions of contract forms used in this Department.

- (a) The contractor shall pay not less than fair wage to labourers engaged by him on the work.  
**Explanation :**  
 Fair wage means wage whether, for time of piece work notified at the time of inviting tenders for the work and where such wages have not been so notified, the wages prescribed by the public works Deptt. Buildings and Roads Haryana (1) for the District in which the work is done.
- (b) The contractor shall, notwithstanding the provision of any agreement to the contrary cause to be paid fair wage to labourers indirectly engaged on the work, including any labour engaged by the Sub-contractors in connection with the said work, as if the labourers had been directly employed by him.
- (c) In respect to all labour directly or indirectly employed on the work for the performance of the contractor's part of this agreement, the contractor shall comply with or cause to be complied with the Haryana (1) Public works Department. Contractor's labour Regulations (page ..... to ..... ) made by the Govt. from time to time in regard to payments of wages, wage period, deduction from wages, recovery of wages not paid unauthorized made, maintenance of wage register, wages cards, publication of wages and other terms of employment, inspection and submission of periodical returns and all other matters of a like nature.
1. The Executive Engineer or the Sub-Divisional Engineer concerned shall have the right to deduct from the money due to the contractor any sum required or estimated to be required for making good the loss suffered by a worker or worker by reason of non fulfillment of the conditions of the contract for benefit of the workers, non-payments of wages which are not justified by the terms of contract or for non observance of the regulations referred to in clause (c) above.
- (e) Vis-à-vis Housing Board Haryana the contractor shall primarily be liable for all payments to be made under Haryana for the observance of the regulations aforesaid without prejudice to his right to claim indemnity from his sub-contractors.
- (f) The regulations aforesaid shall be deemed to be a part of this contract and any breach thereof shall be deemed to be breach of this contract.

**Executive Engineer  
 Housing Board Haryana  
 Faridabad.**

DNIT For Renovation o/o Assistant Engineer, Estate Manager and Staff Quarter HBH, Sonapat

**SCHEDULE OF ITEMS AND SPECIFICATIONS TO BE ATTACHED WITH NOTICE INVITING TENDER FOR RENOVATION OF OFFICE OF ASSISTANT ENGINEER, SECTOR-15, ESTATE MANAGER, HBH SONIPAT H.No.1669, SECTOR- 14, SONEPAT AND STAFF QUARTER, H.NO.1701, SECTOR-14, SONEPAT.**

**Approximate Cost : Rs.596500/-**  
**Earnest Money : Rs.11930/-**  
**Time Limit : 3 Months**  
**Date of receipt of Tender : 28.7.2014**  
**Date of Opening of tender : 28.7.2014**

**PART-A CIVIL WORK**

S.No.	Quantity					Description of item	Rate	Unit	HSR/NS	
	O/o A.E	O/o E.M	Staff Quarter	Total						
1.	1.15	+	---	+	---	= 1.15	Dismantling of brick work Tile masonry or Tile lining and Tile terracing in cement.	35.60	Cum	8.5(b)
2	12.00	+	---	+	----	= 12.00	Removing door and windows (wood and steel) with chowkats by making recesses in walls when the wall is not to be dismantled. (a) Doors	11.90	Each	8.18(a)

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3	$55.29 + 23.48 + 89.75 = 168.52$	Dismantling cement conglomerate / terrazzo floors 25 mm to 50 mm thick without concrete base	3.05	Sqm.	8.26
4	$242.78 + 286.68 + 286.68 = 816.14$	Scraping cement plaster.	1.90	Sqm.	8.32(c)
5	$1.15 + \text{----} + \text{----} = 1.15$	First class brickwork laid in cement sand mortar 1:4 in first storey upto 4 meters above plinth level.	445.60	Cum	11.9
6	$4.80 + \text{----} + \text{----} = 4.80$	Terracing consisting of tiles 22.86 cm X 11.43 cm X 3.81 cm laid over 87.50 mm mud filling on a layer of 25 mm mud plaster and an other layer of mud mortar for laying the tiles, including two coasts of bitumen laid hot at 1.65 Kg per sqm on top of R.C.C. slab including grouting with cement sand mortar 1:3 and top surface to be left clean etc.	52.95	Sqm.	13.13
7	$242.78 + 286.68 + 286.68 = 816.14$	Providing and laying average 6mm thick POP coating on walls, ceiling, beams and lintels etc. complete in all respects as approved by the Engineer-In-charge.	90.00	Sqm.	13.94
8	$73.95 + \text{----} + 70.93 = 144.88$	Conglomerate floor 40 mm thick cement concrete topping 1:2:4.	31.50	Sqm.	14.9

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9	<p>----- + 2.68 + ----- = 2.68</p>	<p>Marble stone flooring 15mm to 18 mm thick slab including matching grains of marble laid in any pattern as specified over base of 12 mm thick cement coarse sand morar 1:3 and jointed with white cement slurry mixed with pigment to match the shade of marble including rubbing and polishing (using marble stone slab of size more than 0.38 sqm each)</p> <p>Green Marble</p> <p>Note:- Baroda green marble including cost of marble.</p>	1530.00	Sqm	N.S
10	<p>190.50+ ----- + 162.80 = 353.30</p>	<p>Providing and fixing glass strips, 4 mm thick in floors. 40 mm wide</p>	3.50	Mtr.	14.79 (a)
11	<p>34.54 + ----- + ----- = 34.54</p>	<p>Providing and fixing vitrified tiles of size 600x600 mm of approved make in flooring laid in any pattern as specified over base of 20 mm thick cement coarse sand mortar 1:3 and jointed with white cement slurry mixed with pigment to match the shade to tiles.</p> <p>Note: - Tile shall be of premium quality (first quality) of reputed manufacturer like NITCO, KAJARIA, SOMANI, ORIENT, JOHNSONS &amp; RAK.</p>	924.30	Sqm.	14.89

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12	$4.03 + \text{-----} + \text{-----} = 4.03$	Providing and fixing vitrified tiles of size 600x600 mm of approved make in skirting /dado laid in any pattern as specified over base of 12 mm thick cement coarse sand mortar 1:3 and jointed with white cement slurry mixed with pigment to match the shade to tiles. Note: - Tile shall be of premium quality (first quality) of reputed manufacturer like NITCO, KAJARIA, SOMANI, ORIENT, JOHNSONS & RAK.	929.80	Sqm.	14.90
13	$12.42 + 4.74 + 56.78 = 73.94$	Providing & fixing ceramic tiles / anti skid tiles of size 400 mm x400 mm or above size of approved make in floors, laid in any pattern as specified over base of 20 mm thick cement coarse sand mortar 1:3 and jointed with white cement slurry mixed with pigment to match the shade of tiles. Note: - Tile shall be of premium quality (first quality) of reputed manufacturer like NITCO, KAJARIA, SOMANI, ORIENT, JOHNSONS and RAK.	624.00	Sqm.	14.91

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14	$22.99 + 16.65 + 24.89 = 64.53$	Providing & fixing 1 <sup>st</sup> quality ceramic glazed wall tiles confirming to I.S. 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-charge in skirting, risers of steps and dados over 12 mm thick bed of cement mortar 1:3 coarse and jointed with grey cement slurry, including pointing in white cement mixed with pigment of matching shades complete. Size of ceramic tiles 200 mm x300 mm.	501.75	Sqm.	14.92(a)
15	$5.02 + \text{-----} + \text{-----} = 5.02$	15 mm thick cement plaster 1:6 on the rough side of single of half brick wall in 1st storey.	13.10	Sqm.	15.12
16	$2.72 + \text{-----} + \text{-----} = 2.72$	Cement pointing 1:3 deep variety on brick and tile work.	9.25	Sqm.	15.61
17	$42.14 + 16.95 + 16.95 = 76.04$	Preparation of plywood surface for painting including sand papering the surface and applying filling with approved quality filler consisting of white lead, linseed oil, varnish and chalk mitti including finishing the surface to required finish complete.	4.60	Sqm.	16.1

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18	$99.00 + 60.55 + 60.55 = 220.10$	Applying pink primer or aluminum priming coat on wood work. including preparation of surface, knotting and stopping etc. (Ist quality)	3.75	Sqm.	16.2
19	$99.00 + 60.55 + 60.55 = 220.10$	Painting two coats excluding priming coat with synthetic enamel paint in all shades on new wood work or metallic or plastered or concrete surfaces to give an even shade. (Ist quality).	9.40	Sqm.	16.3
20	$----- + ----- + 8.00 = 8.00$	Applying priming coat with metal primer on new steel or iron work including preparation of surface. (1 <sup>st</sup> quality).	3.15	Sqm.	16.9
21	$----- + ----- + 8.00 = 8.00$	Painting two coats excluding priming coat with ready-mixed paint for metallic surfaces in all shades on new steel or iron work. (1 <sup>st</sup> quality).	7.00	Sqm	16.17
22	$16.16 + 12.98 + 12.98 = 42.12$	Painting two coats with ready –mixed paint for metallic surfaces in all shades on old steel or iron work.(Ist quality).	6.20	Sqm.	16.18

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23	$242.78 + \text{-----} + \text{-----} = 242.78$	Painting two coats with plastic emulsion paint on walls on new work to give an even shade.	10.70	Sqm.	16.30
24	$\text{-----} + 286.68 + 286.68 = 573.36$	Distempering with washable oil bound distemper (of approved manufacturer) two coats on old distempered work.	6.00	Sqm	16.60
25	$245.90 + \text{-----} + 145.54 = 536.98$	Finishing walls with exterior decorative cement based paints such as snowcem, Robbiacem etc. on new work, two coats to give an even shade.	7.25	Sqm.	16.61
26	$0.08 + \text{-----} + 0.06 = 0.14$	Commercial hard wood such as hillock, champ, chikrassy and chaplash etc. (Non coniferous timber other than leak conforming to I.S specification No. 1003 kiln seasoned) wrought, planed and fixed in position.	8427.00	Cum	17.8
27	$\text{-----} + 0.06 + \text{-----} = 0.06$	Chowkhats of commercial hard wood such as hollock , champ, chikrassy ,and chaplash etc. , (Non- coniferous timber other than teak conforming to I.S. specification no. 1003 kiln seasoned), of doors and windows including iron hold fasts, corner straps, screws , bolts for hold fasts, etc, complete fixed in position.	11745	Cum	17.12

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28	$7.99 + 4.23 + 4.23 = 16.45$	<p>Cupboard shutters of commercial hard wood such as hollock, champ chikrassy and chaplash , etc. ((Non coniferous timber other than leak conforming to I.S specification No. 1003 kiln seasoned ) excluding chowkat but with commercial plywood panels or faced on one side including iron hinges and screws fixed in position( excluding the cost of handles, tower bolts , hasp with stample , but including the labour for fixing the same.</p> <p>a) 40 mm thick</p>	219.60	Each	17.32(a)
29	$----- + 99.36 + 99.36 = 198.72$	<p>Plain or chamfered edged or curved additional moulding to door and window shutters of commercial hard wood, such as hollock, champ, chikrassy, etc. (non- coniferous timber other than teak, conforming to I.S. specification no. 1003 , kiln –seasoned ) fixed in position complete as per design and shape required-</p> <p>20 mm x12 mm</p>	4.10	Mtr.	17.56(b)

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30	$25.37 + \text{-----} + \text{-----} = 25.37$ $14.54 + \text{-----} + \text{-----} = 14.54$	<p>Cost of iron fittings , complete for doors and windows, such as tower bolts, handles , etc and screws for these fitting (excluding sliding bolt).</p> <p>(a) for single leaf shutter</p> <p>(b) for double leaf shutter</p>	<p>6.40</p> <p>10.15</p>	<p>Sqm.</p> <p>Sqm.</p>	<p>17.71(a)</p> <p>17.71(b)</p>
31	$\text{-----} + 37.14 + 11.28 = 48.42$  $\text{-----} + \text{-----} + 25.86 = 25.86$	<p>Cost of aluminium fitting complete for doors and window, such as tower bolts, handles , etc, and screws for these fittings (excluding sliding bolt).</p> <p>(a) For single leaf shutter</p> <p>(b) Double leaf shutter</p>	<p>17.80</p> <p>27.45</p>	<p>Sqm</p> <p>Sqm</p>	<p>17.72(a)</p> <p>17.72(b)</p>
32	$20.00 + \text{-----} + \text{-----} = 20.00$ $\text{-----} + 13.00 + 13.00 = 26.00$	<p>Providing and fixing sliding bolt with nuts and scres, etc. complete.</p> <p>(a) iron (ii) Size 250 mmx 16 mm</p> <p>(b) aluminium ,size 250mm x 16 mm</p>	<p>16.35</p> <p>40.30</p>	<p>Each</p> <p>Each</p>	<p>17.83(c) (ii)</p> <p>17.83 (b) (ii)</p>
33		<p>Factory-manufactured paneled door or glazed window, shutters of commercial hard wood ,such as hillock, champ, chikrassy and chaplash, etc.,(non- coniferous timber other than teak, conforming to I.S. specification</p>			

Contractor

Witness

Executive Engineer

## DNIT For Renovation o/o Assistant Engineer, Estate Manager and Staff Quarter HBH, Sonapat

	7.27+ 5.90 + 5.90 = 19.07	no.1003 ,kiln-seasoned ),with 100 mm wide vertical styles, 150 mm wide lock rail, 200 mm wide bottom rail and 100 mm wide other rails ,with panels of 15 mm thick ,tongued and grooved of commercial hard wood and including cost of iron hinges, screws ,chocks /cleats , stops, nails etc., complete ,fixed in position (excluding the cost of any fittings other than specified above , but including labour for fixing the same in position). a) 30 mm thick	398.15	Sqm.	17.90(-) Note of 17.18
34		Factory-manufactured paneled and glazed door , shutters of commercial hard wood ,such as hollock, champ, chikrassy and chaplash,etc.,(non- coniferous timber other than teak, conforming to I.S. specification no.1003 ,kiln- seasoned ),with 100 mm wide vertical styles, 150 mm wide lock rail, 200 mm wide bottom rail and 100 mm wide other rails , with panels of 12 mm thick commercial veneered both sides particle board or plywood of B.W.R . grade , hot-pressed including cost of iron hinges , screws, chocks/ cleats,			

Contractor

Witness

Executive Engineer



## DNIT For Renovation o/o Assistant Engineer, Estate Manager and Staff Quarter HBH, Sonapat

	---- +14.64 + 14.64 = 29.28	stops and nails etc. complete fixed in position (excluding the cost of any fittings , other than specified above but Including labour for fixing the same in position:- <b>a) 35 mm thick</b>	402.15	Sqm	17.91(-) Note of 17.18
35	6.64 + 6.98 + 6.98 = 20.60 7.27 + 5.38 + 5.38 = 18.03	Factory-manufactured wire gauze door or glazed window, shutters of commercial hard wood, such as hollock, champ, chikrassy and chaplash,etc.,(non-coniferous timber other than teak, conforming to I.S. specification no.1003 ,kiln- seasoned ),with 100 mm wide vertical styles, 150 mm wide lock rail, 200 mm wide bottom rail and wire gauze of 140 G or 120 G designation including cost of iron hinges, screws , chocks/ cleats, stops , nails etc., complete fixed in position(excluding the cost of any fittings other than specified above , but including labour for fixing the same in position)- ( styles and rails of windows shutter shall be 75 mm wide) (i) 35 mm thick (ii) 30 mm thick	335.70 310.40	Sqm. Sqm.	17.92-note of 17.18 17.92-note of

Contractor

Witness

Executive Engineer

## DNIT For Renovation o/o Assistant Engineer, Estate Manager and Staff Quarter HBH, Sonapat

					17.18
36	19.00 + ---- + ----- = 19.00	<p>Factory manufacture solid flush door shutters, with block board core as per I.S. No. 1659-1969 bonded with water proof type phenol formal dehyde synthetic resign, hot –pressed , conforming to I.S. 2202 part I and II , fixed in position including iron hinges, screws , chocks/ cleats and stops etc. (excluding the cost of any fittings other than specified above , but including labour for fixing the same in position)-</p> <p>(c) Commercial veneering with vertical grains or cross bands and face veneer on both sides commercial fixing with laminated core and lipped edges:-</p> <p>(iii) 35 mm thick</p>	436.15	Sqm.	17.93(-) Note of 17.18
37.		Wrought iron and mild steel (using angles, flats square bars, tees and channels) ladders , grills ,gratting frames , window guards , iron doors openable or fixed			

Contractor

Witness

Executive Engineer

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	$0.49 + \text{-----} + 1.37 = 1.86$	stair case or parapet or any other type of railing , gates and tree guards etc. including cost of screws and welding rods or bolts and nuts complete fixed in position.	1040.35	Qtl.	18.12
38	$\text{-----} + 43.00 + 43.00 = 86.00$	Providing& fixing plastic coated aluminium curtain rod 20 to 25 mm dia & brackets screw complete fixed in position.	40.00	Rft.	N.S.

Contractor

Witness

Executive Engineer

## DNIT For Renovation o/o Assistant Engineer, Estate Manager and Staff Quarter HBH, Sonepat

**PART-B PUBLIC HEALTH WORK**

S.No	Quantity				Description of item	Rate	Unit	HSR/NS
	O/o A.E	O/o E.M	Staff Quarter	Total				
1	2.00	+ ----	+ ----	= 2.00	Cutting holes upto 23 cm through stone masonry brick work in cement walls for pipes and making good including repointing, replastering and finishing according to existing finish where required. (a) 11.43 cm thickness of walls	14.00	Each	28.24(a)
	2.00	+ ----	+ ----	= 2.00	(b) 22.86 cm thickness of walls	20.35	Each	28.24(b)
2	1.00	+ ----	+ ----	= 1.00	Providing and fixing in position best Indian make (to the approval of Engineer –in- charge ) Indian type or ORYA water closet suite Orissa for sinking into floor with raised foot treads complete with 100 mm H.C.I ‘P’ trap with or without vent as required and all other necessary fitting as fully described in item no. 30.1 above. (a) Size 580 mm (i) White	925.00	Each	30.2(a)(i)

Contractor

Witness

Executive Engineer

## DNIT For Renovation o/o Assistant Engineer, Estate Manager and Staff Quarter HBH, Sonapat

3	<p>----- + 1.00 + ----- = 1.00</p>	<p>Providing and fixing in position best Indian make Anglo Indian water closet suite ( as approved by the Engineer –in- charge) consisting of:-</p> <p>(i) Wash down closet set Vitreous China ware ( to the approval of the engineer –in – charge) with ‘P’ or ‘S’ trap with or without vent as required and suitable joint for closet inlet;-</p> <p>(i) One piece seat and lid in hollow black or white plastic fitted with chromium plated brass hinges and rubber buffers; (to the approval of the Engineer- in-charge ).</p> <p>(ii) 12.5 liters capacity mosquito proof C.I. flushing cistern of best Indian make and all other necessary fittings complete as fully described in item no. 30.1 above;</p> <p>(iii) 32 mm diameter telescopic 1.25 mm thick galvanized inside and outside steel flush pipe with clips.</p> <p>Complete in all respects including cutting and making good the walls and floors and painting of fittings etc.</p> <p>(i) White</p>	1193.00	Each	30.3(i)
4		<p>Providing and fixing in position best Indian make ( as approved by the Engineer –in- charge) European type water closet suite , symphonic type, consisting of –</p> <p>(i) Vitreous china ware syphonic suite with 15 liters capacity</p>			

Contractor

Witness

Executive Engineer

## DNIT For Renovation o/o Assistant Engineer, Estate Manager and Staff Quarter HBH, Sonapat

	1.00 + ---- + ----- = 1.00	<p>matching chinaware cistern all intern brass fittings COMPLETE WITH 'p' or 's' TRAP with or without vent; (as approved by the Engineer-in-charge).</p> <p>(b) Double trap symphonic W.C Suite</p> <p>(i) white</p>	1958.00	Each	30.5(b)(i)
5	2.00 + 1.00 + 1.00 = 4.00	<p>Providing and fixing in position best Indian make (ordinary ) lavatory suites consisting of Lavatory in VITREOUS CHINAWARE size as given below (to the approval of the Engineer-in-Charge) including China plug for tap hole where necessary;</p> <p><b><u>WHITE</u></b></p> <p>(iv) 550 mm x 440 mm with one No. tap</p>	407.00	Each	30.41(iv)
6	---- + 1.00 + 1.00 = 2.00	<p>Providing and fixing in position best quality stainless steel sinks with complete fittings of approved make conforming to IS specification or ISI marked.</p> <ol style="list-style-type: none"> <li>1. Stainless steel kitchen sink without drainage board of approved make and size given below.</li> <li>2. 40 mm dia stainless steel/ brass waste pipe of approved make.</li> <li>3. PVC flexible waste pipe of approved make as required by the Engineer-in-charge.</li> </ol> <p>600mm x 450mm x 200mm (24" x 18" x 8") bowl size 20" x 16" x 8"</p>	2500.00	Each	N.S

Contractor

Witness

Executive Engineer

## DNIT For Renovation o/o Assistant Engineer, Estate Manager and Staff Quarter HBH, Sonapat

7	---- + 1.00 + 1.00 = 2.00	Providing & fixing in position best Indian make Towel Rail fixed in to walls with C.P. brass screws. Complete in all respects including cutting and making good the walls etc. (b) 20 mm DIA C.P Brass adjustable (ii) 600 mm long.	57.00	Each	30.68(b)(ii)
8	---- + 1.00 + 1.00 = 2.00	Providing & fixing in position best Indian make Soap dish fixed into wall with C.P brass screws and complete in all respects including cutting and making good the wells etc. (a) C.P. brass Soap dish small	46.50	Each	30.70(a)(ii)
9.	6.00 + 4.00 + 4.00 = 14.00 2.00 + 1.00 + 1.00 = 4.00	Providing and fixing in position 15 mm i/d C.P BRASS BIB Cocks of best quality ( as approved by the engineer –in – charge) (a) Bib cock long body (c) Short body	116.00 100.00	Each Each	30.75(a) 30.75(c)
10	4.00 + 2.00 + 2.00 = 8.00 2.00 + ---- + ----- = 2.00	Providing and fixing in position C.P brass stop cocks ( as approved by the engineer-in-charge ) (a) 15 mm stop cock (i) stop cock male and female end (i) concealed stop cock with flange	101.00 130.00	Each Each	30.76(a)(i) 30.76(a)(ii)

Contractor

Witness

Executive Engineer

## DNIT For Renovation o/o Assistant Engineer, Estate Manager and Staff Quarter HBH, Sonapat

11	4.00 + 2.00 + 2.00 = 8.00	Providing and fixing lead inlet connection with brass union for flushing and warning pipes complete in all respects. (c) 15 mm alkathene pipe inlet connection.	10.50	Each	30.93 (c)
12	11.89 + ---- + ---- = 11.89	Cutting chase in brick walls in cement or in floor for embedding G.I or H.C.I Pipe lines and making good the same to its original condition (c) size 75 mm x 50 mm	4.00	Mtr.	30.95 (c)
13	2.00 + 1.00 + 1.00 = 4.00	Providing and fixing in position automatic brass ball valves in tanks. (c) with Plastic ball (i) 20 mm internal diameter	48.00	Each	30.110(b)(ii)
14.	2.00 + ----- + 1.00 = 3.00	Providing and fixing HDPE water storage tanks of Sintex , Diplast O.K Supreme make with covers /lids marked with IS:12701 on roof top of buildings including cost of hoisting and placing in position , making connections with inlet and outlet pipes, providing overflow and scour provisions with suitable plug on scour pipe including cost of nipples, washers, flanges for connections in tanks complete in all respect to the satisfaction of Engineer –in- Charge.(Except civil work) (As per HSR item No. 30.119) 500 ltr. Capacity	2682.00	Each	30.119

Contractor

Witness

Executive Engineer



## DNIT For Renovation o/o Assistant Engineer, Estate Manager and Staff Quarter HBH, Sonapat

15	1.00 + ---- + ---- = 1.00	<p>Providing and fixing UPVC (SWR) pipe grade B for soil waste vent of anti syphonage pipe of approved make including suitable jointing to ensure leak proof service as per instructions for laying jointing laid by the manufacturer and including cutting and wastage etc. and cutting holes in walls, roofs and floors etc. and making to its original conditions but excluding the cost of C.C 1:2:4 around pipe lines complete in all respects as per satisfaction of Engineer-in –charge).</p> <p>(a) 90 mm outer dia(for sewerage)</p>	190.00	Mtr.	NS
16	2.00 + ----- + 1.00 = 3.00	<p>Providing and fixing U.P.V.C (SWR) 110mm x 90 mm size Nahni trap with jail proved make including suitable jointing to ensure leak proof service and cement concrete 1:2:4 with stone aggregate 20 mm nominal size under &amp; around the trap where required upto floor level complete in all respect including cutting and making good the wall and floor etc. as per satisfaction of Engineer –in- Charge.</p> <p>(a) With 90 mm i/d inlet.</p>	170.00	Each	NS

Contractor

Witness

Executive Engineer

## DNIT For Renovation o/o Assistant Engineer, Estate Manager and Staff Quarter HBH, Sonapat

17	12.19 + ----- + ----- = 12.19	Providing laying , jointing , fixing and testing G.I pipe 'B' class special , tees, bends , sockets, elbows etc. ISI marked of approved make inside and outside building and testing etc. complete including cutting and threading. (Class 'B')(TATA MAKE, JINDAL(HISSAR) Make) (i) 15 mm dia GI pipe line	165.00	Mtr.	NS
18	---- + 2.00 + 2.00 = 4.00	Providing & fixing in position PVC waste pipe upto trap complete.	30.00	Each	NS
19	----- + 3.00 + 3.00 = 6.00	Providing & fixing in position cast iron G.T. cover & frame of clear opening 300 mmx 300 mm complete of approved make conforming to I S specification or ISI marked.	200.00	Each	NS
20	----- + 2.00 + 2.00 = 4.00	Providing & fixing in position cast iron I.C. cover & frame of clear opening 600 mmx 450 mm complete of approved make conforming to IS specification or ISI marked.	1600.00	Each	NS
21		Providing & fixing in position best quality Indian make EUROPEAN Type water closet suit of approved make consisting of:- (i) Closet set vitreous Chinaware, W.C. Pan with horizontal			

Contractor

Witness

Executive Engineer

## DNIT For Renovation o/o Assistant Engineer, Estate Manager and Staff Quarter HBH, Sonapat

	<p>----- + ----- + 1.00 = 1.00</p>	<p>inlet of with 100 mm dia U.P.V.C(SWR) P&amp; S Trap with or without vent of approved make and suitable joints to ensure leak proof service for closet set including cost of cement concrete 1:2:4 with stone aggregate 20 mm nominal size vunder and around P- trap and W.C. as required</p> <p>(ii) 7.50 Ltr. Capacity mosquito proof PVC low level flushing cistern of approved make complete in all respects with all fittings and fixtures and including R.S . or C.I. brackets and cutting and making good the wall and floors and painting of brackets as per satisfaction of Engineer-In –Charge.</p> <p>(a) Size 580 mm (white)</p>	2105.00	Each	NS
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Contractor

Witness

Executive Engineer

## DNIT For Renovation o/o Assistant Engineer, Estate Manager and Staff Quarter HBH, Sonapat

**PART-C ELECTRICAL WORKS**

S. No.	Quantity				Description of item	Rate	Unit	HSR/NS
	O/o A.E	O/o E.M	Staff Quarter	Total				
1					<b>Miniature Circuit Breaker and Isolator</b>			
					Supply and erection of miniature circuit breaker/ isolator 240/415 V in the existing distribution board including making necessary connections:- (a) Miniature Circuit Breakers of 9 K.A. breaking capacity			
	12.00	10.00	10.00	= 32.00	6 amp to 32 amp.(single pole)	95.00	Each	31.17(a)(ii)
	2.00	1.00	1.00	= 4.00	40 amp to 63 amp.(single pole with neutral)	240.00	Each	31.17(a)(iii)
2					<b>Supply and erection of fittings and accessories</b>			
	2.00	1.00	1.00	= 4.00	(i) Electric buzzer 220/230 volts A.C. Bakelite with double coil.	18.00	Each	31.18 (viii)
	16.00	12.00	12.00	= 40.00	(ii) Bakelite angle / straight button holder large size.	6.20	Each	31.18 (xi)
	-----	12.00	-----	= 12.00	(iii) Switch 5 Amp on existing sheet.	3.80	Each	31.18(xii)
	-----	6.00	-----	= 6.00	(iv) Wall socket 5 amp on existing sheet	4.40	Each	31.18(xiii)
	-----	2.00	-----	= 2.00	(v) 15 amp switch on existing sheet	10.30	Each	31.18(xiv)
	-----	2.00	----	= 2.00	(vi) 3 pin 15 amp multi socket on existing sheet	11.20	Each	31.18(xv)
-----	5.00	-----	= 5.00	(vii) Ceiling rose flush / surface type	4.00	Each	31.18(xvii)	

Contractor

Witness

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## DNIT For Renovation o/o Assistant Engineer, Estate Manager and Staff Quarter HBH, Sonepat

3	$26.00 + 29.00 + 29.00 = 84.00$ $14.00 + 15.00 + 15.00 = 44.00$	Dismantling old wiring points (not recessed) including necessary repairs to wall etc. (a) Light, fan, or call bell point. (b) Wall socket point.	2.80 1.60	Each Each	31.35 (xii)(a) 31.35(xii)(b)
4	$4.00 + \text{-----} + 3.00 = 7.00$ $\text{-----} + \text{-----} + 1.00 = 1.00$ $8.00 + \text{-----} + 8.00 = 16.00$ $6.00 + \text{-----} + 5.00 = 11.00$ $6.00 + \text{-----} + 2.00 = 8.00$  $\text{-----} + \text{-----} + 4.00 = 4.00$ $\text{-----} + \text{-----} + 2.00 = 2.00$ $\text{-----} + \text{-----} + 2.00 = 2.00$	Wiring only in 1.5 sqmm PVC insulated copper conductor cable in existing conduit pipe and MS boxes covered with 5 mm thick Bakelite sheet including cost of switches , wall socket , ceiling rose etc. <b>(i) Fan point</b> (a) Medium point (b) Long point <b>(ii) Light point</b> (a) Short point (b) Medium Point (c ) Long point <b>(iii) Twin control light point with 2-way, 5 amp. Single pole switch</b> (a) Short point (b) Medium point (c) Long point	175.00 242.00 99.00 152.00 222.00  123.00 209.00 309.00	Each Each Each Each Each  Each Each Each	31.38 (b) 31.38 (c)  31.38 (a) 31.38 (b) 31.38 (c)  31.38 (a) 31.38(b) 31.38 (c)

Contractor

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	<p>----- + -----+ 1.00 = 1.00</p> <p>2.00 + ----- + ----- =2.00</p> <p>6.00 + -----+ 8.00 = 14.00</p> <p>-----+ -----+ 2.00 = 2.00</p> <p>----- + ----- + 2.00 = 2.00</p> <p>8.00 + ----- + 3.00 = 11.00</p>	<p><b>(iv) Call bell point</b></p> <p>(a) Short point</p> <p>(b) Long point</p> <p><b>(vii) 3-pin 5 amp. Plug point including earthing the 3<sup>rd</sup> pin etc.</b></p> <p>(a) Short point</p> <p>(b) Long point</p> <p><b>(viii) 3-pin 15 amp. Plug point with 4 sqmm PVC insulated copper conductor cable including earthing the 3<sup>rd</sup> pin etc.</b></p> <p>(a) Medium point</p> <p>(b) Long point.</p>	<p>104.00</p> <p>228.00</p> <p>116.00</p> <p>239.00</p> <p>375.00</p> <p>537.00</p>	<p>Each</p> <p>Each</p> <p>Each</p> <p>Each</p> <p>Each</p> <p>Each</p>	<p>31.38 (a)</p> <p>31.38 (b)</p> <p>31.38 (a)</p> <p>31.38 (c)</p> <p>31.38(viii)(b)</p> <p>31.38(viii)(c)</p>
5	<p>360.00+ 450.00 + 180.00 = 990.00</p> <p>90.00 + 90.00 + 90.00 = 270.00</p>	<p>Supply &amp; erection of PVC unsheathed copper conductor cable single core 1100 volts grade in pipe of suitable size excluding cost and erection of pipe.</p> <p>(i) Cable size 1.5 sqmm .(3/0.81 mm)</p> <p>(ii) Cable size 4 sqmm.( 7/0.85 mm)</p>	<p>10.20</p> <p>24.50</p>	<p>Mtr.</p> <p>Mtr.</p>	<p>31.40 (i)</p> <p>31.40 (iii)</p>

Contractor

Witness

Executive Engineer

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6.	<p>2.00 + ---- + ----- = 2.00</p> <p>---- + 1.00 + 1.00 = 2.00</p>	<p>Supply &amp; erection of double door sheet steel enclosures distribution board suitable for MCBs and ELCBs etc. recessed in wall including bonding to earth with all labour and material required to complete the job in all respect upto the entire satisfaction of the Engineer –in- Charge of the work.</p> <p>(i) 8- way , SP&amp;N (Horizontal) 870.00 Each 31.41(ii)</p> <p>(ii) 12 – way SP &amp; N ( Horizontal) 1110.00 Each 31.41(iii)</p>			
7	<p>----- + 10.00 +12.00 = 32.00</p>	<p>Supply &amp; erection of PVC Conduct pipe ISI marked (medium) recessed in wall / calling etc. i/c cost of PVC Bands , inspection box and all other material required to complete the job in all respect up to the entire satisfaction of (Engineer-in-charge) work.</p> <p>(a) 20mm dia 31.00 P.Mtr. 31.44 (a)</p>			

Contractor

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8	4.00 + ----- + ----- = 4.00	Supply & erection of Socket size rotary step type electronic regulator for A.C. ceiling fan anchor make Deluxe model 50440 ISI/ SSK make PC 561 operated 120/280 volt A.C. supply complete including cutting of existing Bakelite sheet & making necessary connection etc. upto the entire satisfaction of the Engineer- in -Charge of the work.	195.00	Each	31.55
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**Executive Engineer,  
Housing Board Haryana,  
Faridabad.**

Contractor

Witness

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