

Housing Board Haryana Rohtak



DETAILED NOTICE INVITING TENDER

For

CONSTRUCTION OF 756 Nos. (252 X 3) TRIPLE STOREYED Gruoup-A EWS FLATS INCLUDING INTERNAL Public Health & EI SERVICES IN Housing Board Colony, SECTOR-5, Hansi at the risk and cost of M/s Universal Contractor and Engineers Pvt. Ltd. E-263, Sector- Alpha-I, Greater Noida, G. B. Nagr (U.P.).

Estimated amount:	Rs. 29.28 Crore
Earnest money:	Rs. 5.00 Lacs
Time limit:	21 months.
Date of close of sale of tender forms.	04.08.2014 upto 1300 hrs.
Date of receipt of tenders.	04.08.2014 upto 1500 hrs.
Date of opening of tenders.	04.08.23014 upto 1530 hrs.

**Executive Engineer,
Housing Board Haryana,
House No. 267, Vikas Nagar, Rohtak
T. No. 01262-252915 & Fax: 01262-250865
Email.xenbhrohtak@gmail.com**

Contractor

Witness

Executive Engineer

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HOUSING BOARD HARYANA, CONSTRUCTION DIVISION ROHTAK

TENDER NOTICE

The Tenders are hereby invited by the undersigned on behalf of Housing Board Haryana from the contactors currently enlisted in the appropriate category with any State Government, Central Government, MES, Public Sector Undertakings or any organization that has taken similar works valuing not less than 20 Crores during each of last three years. The agency of appropriate class are only eligible who have successfully completed two similar works each of value not less than 50% of 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 cost of works executed by the tenderer shall be updated @ 10% per annum compoundable:

Sr. No.	Name of work	Estimated cost (Rs. In Crore)	Tender document Cost (In Rs.)	Earnest Money (In Rs.)	Time limit	Last date of Sale of tender document	Last date & time of receipt & opening of tenders
1	Construction of 756 Nos. (252 x 3) Triple Storeyed EWS flats Group-A including internal Public Health & Electrical Services, in Housing Board Colony, SECTOR-5, Hansi at the risk and cost of M/s Universal Contractor and Engineers Pvt. Ltd. E-263, Sector- Alpha-I, Greater Noida, G. B. Nagar (U.P.)	29.28	Rs.20,000/-	Rs.5.00 Lacs	21 months	04.08.2014 upto 1300 hrs.	Receipt 04.08.2014 1500 hrs. & Opening 04.08.2014 1530 hrs..

CONDITIONS:

- The tender documents & details can be seen & obtained from the office of Executive Engineer, Housing Board Haryana, Panchkula, Karnal, Rohtak, Gurgaon, Faridabad and from the office of Chief Engineer, Housing Board Haryana, Plot No C-15, Awas Bhawan, Sector-6, Panchkula. Tender documents are also available on the Web site www.tenders.gov.in and www.hbh.nic.in The interested tenderers can download the

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documents through internet accordingly and can submit the tenders duly completed along with tender document fee in shape of Demand Draft / Pay order / Banker's Cheque in favour of Housing Board Haryana Payable at Rohtak (non refundable). The cost of the tender fee should be enclosed in the envelope containing earnest money. If the tenderers fail to enclose the tender documents fee along with his tender then his tender will not be considered.

2. The tenderers should submit his offer in two envelopes. Terms and conditions shall be put in first envelope subscribed as "**Conditions Bid**" duly sealed and submitted along with price for withdrawal of each condition. The earnest money and copy of latest enlistment in appropriate category duly attested and list of works completed and in progress of the requisite magnitude along with attested copies of certificate testimonial of their satisfactory completion from the department concerned will also be enclosed in 1st envelope. The 2nd envelope subscribed, as "**Price Bid**" shall contain only the rates and no other conditions, clarification or observations. 2nd envelope of only that contractor will be opened who will fulfill conditions and eligibility criteria. Any departure from the above would make the tender invalid and it will not be opened and if erroneously opened, will not be considered at all.
- 3 Conditional tenders shall be rejected outrightly.
4. In case, the date of receipt of tender happens to be holiday then the tender will be received on the next working day.
- 5 The agency enlisted with organization other than Housing Board Haryana and in whose favour work is awarded they will have to get themselves enlisted with Housing Board Haryana. They will have to submit the requisite documents for enlistment on prescribed proforma within 30 days from the date of issue of allotment.
- 6 The contractual agency is required to deposit earnest money @ 2% of the **Estimated Cost** in case of contractor subject to maximum Rs. 5.00 Lacs which will be accepted in the shape of Demand Draft/Pay order /Banker's Cheque in favour of Housing Board Haryana Rohtak payable at Rohtak of any schedule bank. **No other form of payment for earnest money will be accepted.**
7. The contractual agency in whose favour allotment of work will be approved shall have to deposit the remaining amount to make the earnest money 2 % of the estimated cost as

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mentioned in tender notice within seven days from the date of intimation from the Executive Engineer before issuance of allotment letter of the work. In case the agency fails to deposit the remaining amount by the stipulated intimated by the Executive Engineer than earnest money deposited by the agency would be forfeited.

8. 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, and Department of Telecom, Railways or State P.W.D of 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.

For and on behalf of Housing Board Haryana

-Sd-
(Er. N. K. Gandhi)
Executive Engineer,
Housing Board Haryana,
House No. 267, Vikas Nagar, Rohtak
T. No. 01262-252915 & Fax: 01262-_____
Email.xenhbhrohtak@gmail.com

HOUSING BOARD HARYANA, ROHTAK

DIRECTION FOR THE GUIDANCE OF CONTRACTORS AND GENERAL RULES

- 1 The 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, MES, Public Sector Undertakings or any organization that has taken similar works valuing not less than 20 Crores during each of last three years. The contractors of appropriate class should submit at the time applying for tender papers, certificates from appropriate authorities of having successfully completed two similar works each of value not less than 50% of 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. For this purpose 'cost of work' shall mean gross value of the completed works including the cost of materials supplied by the client organizations but excluding the materials 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 tenderer shall be updated @ 10% per annum compoundable.

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

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

2. The tenders will be received by the Executive Engineer, Housing Board Haryana, Construction Division Rohtak at House No. 267, Vikas Nagar, Rohtak, in double envelope system up to **1500 hours on 04.08.2014**. The envelopes of tenderers will be opened on **04.08.2014 at 1530 hours** in the office of Executive Engineer, Housing Board Haryana Rohtak 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 "**Conditions Bid**" & other documents contained in first envelope.
3. (i) Earnest money @ 2% of the **estimated cost** as mentioned in tender notice subject to maximum of Rs. 5.00 Lacs which will be accepted in the shape of Demand Draft / Pay order / Banker's Cheque drawn on any scheduled Bank of India in favour of Housing Board Haryana Rohtak payable at Rohtak of any schedule bank. No other form of payment for earnest money will be accepted, (In case of Demand Draft, the draft shall be payable at Rohtak) must accompany each tender and tender is to be in the sealed cover prescribed the name of work and addressed to Executive Engineer, Housing Board Haryana, Rohtak.

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

4. The Contractual agency in whose favour allotment of work will be approved shall have to deposit the remaining amount to make the earnest money 2% of the estimated cost of work as mentioned in the tender notice of work within seven days from the date of the intimation from Executive Engineer before issuance of allotment letter of work. In case the agency, fails to deposit the remaining amount by the stipulated date intimated by Executive Engineer, then earnest money deposited by the agency would be forfeited.
5. Tenders are to 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, Rohtak or from the office of Executive Engineer, Housing Board Haryana, Panchkula, Karnal, Gurgaon & Faridabad. 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 the tender cost supplied to them as mentioned in the notice in shape of Bank Draft or Pay order (Non Refundable). Tender documents are also available on the Web site www.tender.gov.in and www.hbh.nic.in Interested tenderers can download the documents through internet and can submit the tenders duly completed along with tender document fee of Rs. **20,000/-** in shape of Demand Draft / Pay order / Banker's Cheque in favour of Housing Board Haryana Payable at Rohtak (non refundable) of the day on or before the closing date and time of the tender. **The cost of the tender should be enclosed in the envelope containing earnest money.** If the tenderers fail to enclose the tender documents fee of Rs. **20,000/-** along with his tender then his tender will not be considered.
6. The sale of tender documents will closed on **04.08.2014 at 1300 hours.**
7. If the prescribed dates is declared holiday 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.

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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. For non schedule items, the intending tenderer will quote a definite rate, if the same are not exhibited in the DNIT. The sanctioned ceiling premium as applicable on the date of receipt of tender on the respective chapter shall also be applicable to the derived rates exhibited in the DNIT, if any.
11. Further information can be obtained and a schedule of quantities, the details plans and Specifications can be seen at the Executive Engineer's Office between the hours 9.00 AM. to 5.00 PM. on every working day, except Saturday, Sunday and Public Holidays.
12. The **validity of the tender is 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 is liable to be **rejected**.
13. Each tenderer shall give proof to the entire satisfaction of Executive Engineer that he has 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 held 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.

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17. The tenderer shall comply with the detailed instructions incorporated in the Tender document.
18. The tenderer whose tender is accepted is required to execute a contract agreement on the prescribe form of contract on non-judicial stamp paper of RS. **100/-** and to furnish security for the fulfillment of the contract. This security consists of deduction of 10% from the running payment to be made on account of work done. The 2% earnest money (mentioned in paragraph 3 above) will be treated as part of 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 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 certified copy of the partnership deed and current address 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 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 will be submitted duly signed by an officer not below the rank of Executive Engineer or Chief Project Manager or equivalent should sign the certificate.

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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 documents fees in case of documents down loaded 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 fulfill conditions and eligibility criteria. Any departure from the above would make the tender invalid 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 along with 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 un-opened & un considered, while opening and deciding the second envelope of other tenderers.
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.

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31. The Tenderer shall give the following information along with the tender in the prescribed performa.
- List of works already completed by the tenderer **(Performa 'A')**
 - Declaration regarding works in hand with the tenderer **(Performa 'B')**
 - List of Plant and Machinery in good working order available with the tenderer **(Performa 'C')**
32. The contractual agencies enlisted with organizations other than Housing Board Haryana, and in which 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 along with 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 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 Engineer-in-Charge before the award of the tender along with certified copy of Class-A license issued by the competent authority.

Details of Estimate cost : Rs. **29.28 Crore**
 Total estimated cost : Rs. **29.28 Crore**
 Earnest Money : Rs. 5.00 Lacs
 Time Limit : 21 (Twenty one) Months

Sr. No.	Sub Head of Estimate	Qty.	Rate	Unit
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For these details please see **page 56 to 112.**
 Certified that this D.N.I.T. contains **pages 1 to 112.**

Date_____

Divisional Accountant
 Housing Board Haryana
 Rohtak

-Sd-
 Executive Engineer
 Housing Board Haryana
 Rohtak

Contractor

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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 completion work	Remarks
(1)	2 (a)	2 (b)	2 (c)	(3)	(4)	(5)

Dated: _____

Signature of the tenderer

PROFORMA ('B')**DECLARATION REGARDING WORK IN HAND WITH THE TENDERER**

Sr. No.	Name of work	Place	Estimated cost	Date of issue of work order	Stipulated period of completion	Amount of work done on	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 previous to the month in which tenders are invited.

Dated: _____

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

Executive Engineer
Housing Board Haryana
Rohtak

Contractor

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**HOUSING BOARD HARYANA, CONSTRUCTION DIVISION ROHTAK
(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 Engineer 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.
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
Rohtak.

Executive Engineer,
Housing Board Haryana
Rohtak

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TENDER FOR WORKS		<p>In figure as well as words</p> <p>If several sub works are included they should be detailed line separate list</p>
<p>I/We hereby tender for the Chairman, 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 _____% (_____) below/ above (the rates entered in the Haryana P.W.D. Schedule of Rates 1988 /Derived Rates of HSR 1988 + Sanctioned Ceiling Premium as applicable on the date of receipt of tender) and all Non Schedule (N.S.) items exhibited in the DNIT in Part- II (Rule 1, page-7) 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>		
MEMORANDUM		
a)	General description of work	Construction of 756 Nos. (252 x 3) Triple Storeyed EWS flats Group-A including internal Public Health & Electrical Services, in Housing Board Colony, SECTOR-5, Hansi at the risk and cost of M/s Universal Contractor and Engineers Pvt. Ltd. E-263, Sector- Alpha-I, Greater Noida, G. B. Nagar (U.P.)
b)	Estimated Cost	Rs. 29.28 Crore
c)	Earnest Money	Rs. 5.00 Lacs
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 maximum 5 % of the cost of the contract)
f)	Time allowed for the work from the date of written order to commence	21 (Twenty One) months
<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>The sum of Rs./-. Deposited vide Board Receipt/ 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>Dated the day of .....2014.</p>		
<p style="text-align: center;">Witness Address Occupation</p>		<p>Contractor</p>
<p>The above tender is hereby accepted by me on behalf of the Board date the day of 2014.</p> <p style="text-align: center;">Executive Engineer, Housing Board of Haryana, Rohtak</p>		<p>Signature of contractor before submission of tender</p> <p>Signature of witness to contractor's signature</p> <p>Signature of the officer by whom accepted</p>

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CONDITIONS OF CONTRACT	
<p><u>Clause-1</u> : 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% from the running payments to be made on account of work done (with the earnest money deposited by him) subject to the maximum 5% of the agreement amount. 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>	Security Deposit
<p><u>Clause 2:-</u> 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 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 uncommenced 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>	Compensation for delay

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Witness

Executive Engineer

<p>Clause -3 :- 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 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 :</p> <p>(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.</p> <p>(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.</p> <p>(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.</p>	<p>Action when whole of security deposit is forfeited</p>
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Contractor

Witness

Executive Engineer

<p>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 cause 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 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>Contractor remains liable to pay compensation if action not taken under clause 3.</p>
<p>Clause-5:- If the contractor shall desire an extension of the time for completion of the work on the ground of his having unavoidably hindrance 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.</p>	<p>Extension of time</p>

Contractor

Witness

Executive Engineer

<p><u>Clause-6</u> :- 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.</p>	<p>Contractor to submit a return every month on any works claimed as extra</p>
<p><u>Clause - 7</u> :- 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 Engineer-in -Charge 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.</p>	<p>Final certificate</p>

Contractor

Witness

Executive Engineer

<p>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 Engineer-in -Charge 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 occurring of any claim nor shall it conclude determine or effect in any way the power of the Engineer-in -Charge 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.</p>	<p>Payment on intermediate certificate to be regarded as advances.</p>
<p>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.</p>	<p>Bills to be submitted monthly</p>

Contractor

Witness

Executive Engineer

<p>Clause – 10 :- The contractor shall submit all bills on printed forms to be had on application at the office of the Engineer-in -Charge and the charge in the bill shall always be entered at the 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.</p>	<p>Bills to be on printed form</p>
<p>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 off 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 Engineer-in -Charge 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 materials so supplied to him as aforesaid being unused by him, or for any wastage in or damage to any such materials.</p>	
<p>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 Engineer-in -Charge 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.</p>	<p>Works to be executed in accordance with specifications, drawings, orders etc.</p>

Contractor

Witness

Executive Engineer

<p>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 previous 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.</p>	<p>Removal of employed work men and foremen.</p>
<p>Clause –14 :- The Engineer-in -Charge 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 out the work inform the Engineer-in -Charge of the rate which in his intention to charge for such class of work and if the Engineer-in -Charge 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 Engineer-in -Charge and the decision of the Chief Engineer shall be final.</p>	<p>Alternation in specifications & designs</p> <p>Do not invalidate contracts</p> <p>Extension of time of time in consequence of alterations.</p> <p>Rates for works not in estimate or schedule of rates of the district.</p>

Contractor

Witness

Executive Engineer

<p>Clause –15 : 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 Engineer-in -Charge shall give notice in writing of the fact to the contractor who shall have no claim to any payment or compensation whatsoever on account of any profit or advantage which he might have derived from execution of the work in full that which he did not derive in consequence of the full amount of 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 instruction which shall involve any curtailment of the work originally contemplated.</p>	<p>No compensation for alternation or restriction of work to be carried out.</p>
<p>Clause- 16 :- If it shall appear to the Engineer-in -Charge or his subordinate-in-charge of the work that any work has been executed with unsound imperfect or unskillful workmanship or with materials of any inferior description or that any 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 with-standing 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>Action & compensation payable in case of bad work</p>
<p>Clause – 17 :- 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 Engineer-in -Charge and his subordinate and the contractor shall at all times during the usual working hours and at all other times at which reasonable notice of intention of the Engineer-in -Charge 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>Works to be open to inspection</p> <p>Contractor or responsible Agent to be present.</p>

Contractor

Witness

Executive Engineer

<p>Clause – 18 : The contractor shall give not less than five day's notice in writing to the Engineer-in -Charge 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 Engineer-in -Charge 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>Notice to be given before work is commenced</p>
<p>Clause – 19 : 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 Engineer-in -Charge as aforesaid, the contractor shall make the same good at his own expense, or in default, the Engineer-in -Charge may cause the same to be made good by other workman, and deduct expense (of which the certificate of the Engineer-in -Charge shall be final) from any sums that may be then, or at any time thereafter may become due to 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>Contractor liable for damage done and for imperfections to months after certificate.</p>

Contractor

Witness

Executive Engineer

<p>Clause –20:- 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 Engineer-in -Charge 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 Engineer-in -Charge 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 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 Engineer-in -Charge 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>Contractor to supply plant, ladder, scaffolding etc.</p> <p>And be liable for damage, arising from non-provision of light, fencing etc.</p>
<p>Clause–21 :- No female labourer shall be employed within the limits of a cantonment.</p>	<p>Female labour</p>
<p>Clause –22 :- No labourer below the age 18 years shall be employed on the work.</p>	
<p>Clause –23 :- The contractor shall pay his labourer not less than the wages paid for similar work in the neighborhood.</p>	
<p>Clause –24 :- No work shall be done on Sunday without the sanction in writing of the Engineer-in -Charge</p>	<p>Work on Sundays</p>

Contractor

Witness

Executive Engineer

<p>Clause –25 :- 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>Contractor liable for payment of compensation to injured workman or in case of death to his relation.</p>
<p>Clause 26 :- The contract shall not be assigned or sublet without the written approval of the Engineer-in -Charge 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 Engineer-in -Charge 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 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>Work not be sublet.</p> <p>Contract may be rescinded & security deposit forfeited for subletting, bribing or if contractor become insolvent.</p>
<p>Clause 27 :- 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>Sum payable by way of compensation to be considered as reasonable Compensation with out reference to actual loss.</p>

Contractor

Witness

Executive Engineer

<p>Clause 28 :- The contractor shall be debarred from claiming any amount of compensation/damages on account of reduced profitability.</p>	
<p>Clause 29 :- 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>Deductions of amount due to Government on any account whatsoever to be permissible from sums payable to a contractor.</p>
<p>Clause 30 :- 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 Engineer-in -Charge for his information.</p>	<p>Change in constitution of firm</p>
<p>Clause 31 :- 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 Engineer-in -Charge or 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>Works to be under direction of Executive Engineer</p>
<p>Clause 32 :- 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 Engineer-in -Charge 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>Claim for payments of extraordinary nature to be referred to Board for decision.</p>

Contractor

Witness

Executive Engineer

<p>Clause 33 :-</p> <p>(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 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.</p>	<p>Arbitration clause</p>
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Contractor

Witness

Executive Engineer

<p>(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.</p> <p>(i) A serving Superintending Engineer or Chief Engineer of the Housing Board, or Haryana PWD B&R Branch</p> <p style="text-align: center;">or</p> <p>(ii) A retired Superintending Engineer, Chief Engineer or an Engineer –in- Charge of the Housing Board Haryana or Haryana PWD B&R or any the person to be selected out of panel of Arbitrator approved by the Chief Administrator.</p> <p>(iii) 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 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.</p> <p style="text-align: center;">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.</p>	
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Contractor

Witness

Executive Engineer

<p>(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.</p> <p>(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.</p> <p>(5) The following matters shall not lie within the purview of arbitration:</p> <p>(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 of the work.</p> <p>(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, HBH 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.</p> <p>(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.</p>	
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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:

Sr. No.	Amount Claims	Rate of Security Deposit
i).	For claims below Rs. 10,000/-	2% 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
Or
- (b) from the date of abandonment of the work.
Or
- (c) of its non commencement within 6 months from the date of abandonment,
Or written orders to commence the work as applicable.
Or
- (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 .
Or

Contractor

Witness

Executive Engineer

(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.

Which of (a) to (e) above is the latest?

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.

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 Government to terminate the contract and make alternative arrangement for the completion of the work.

(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.

(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.

Contractor

Witness

Executive Engineer

<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 & void and will not be binding on the parties.</p>	
<p><u>Clause-34:-</u> 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>Fluctuation in Railway freight</p>
<p><u>Clause -35 :-</u> 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>Lump sum Estimate</p>

Contractor

Witness

Executive Engineer

<p>Clause –36:- 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>Action where no specification</p>
<p>Clause –37 :- 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>Definition on work</p>
<p>Clause – 38 :- 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>Clause – 39 :- 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>Clause – 40 :- The terms and conditions of the agreement have been explained to me/us and I/we clearly understand them.</p>	
<p>Clause – 41:- Unless otherwise provided for in the contract the term “Engineer-in –Charge ” referred to in this tender and contract for the means “Executive Engineer, Housing Board Haryana, Rohtak</p>	

Contractor

Witness

Executive Engineer

SCHEDULE OF MATERIAL TO BE ISSUED BY THE DEPARTMENT

MATERIAL STATEMENT for Work of Construction of 756 Nos. (252 x 3) Triple Storeyed EWS flats Group-A including internal Public Health & Electrical Services, in Housing Board Colony, SECTOR-5, Hansi at the risk and cost of M/s Universal Contractor and Engineers Pvt. Ltd. E-263, Sector-Alpha-I, Greater Noida, G. B. Nagar (U.P.)

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

Sr. No.	Description of Material	Unit	Rates	Remarks	
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/- (Rs. Two hundred twenty five per bag.)	In case the ceiling premium is 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.	
2.	Mild Steel / Tor Steel all dias / Fe-500 EQR TMT	Per MT	Rs. 45500/- (Rs. Forty five Thousand five hundred only.)		
	Description	Qty.	Unit	Rate in Rs.	Remarks
3	UPVC SWR 160 mm dia	1407	Mtr.	331.67	
4	UPVC SWR 110 mm dia	4215	Mtr.	173.33	
5	UPVC SWR 90 mm dia	6642	Mtr.	108.33	
6	PVC Pipe 110 mm dia	1788	Mtr.	175.00	
7	G. I. Pipe 15 mm i/d	4842	Mtr.	125.00	
8	G. I. Pipe 20 mm i/d	17694	Mtr.	140.00	
9	Bricks	75500	Nos.	3900 per thousand	
10	Angle iron Chowkhats	117.34	Qtl.	5149.98	
11	Press steel door / chowkhats frame	974.51	Mtr.	328.19	
12	Press steel door / chowkhats frame (Centre Mullion)	370.65	Mtr.	504.90	
13	Window Grills	3.28	Qtl.	4998.51	
14	M.S. Pipe 38 mm	16.60	Qtl.	4998.51	
15	M.S. Flat 20 mm x 5 mm	177.40	Qtl.	4998.51	
16	M.S. Flat 37.5 mm x 5 mm	45.533	Qtl.	4998.51	
17	10 mm Square Bar	10.833	Qtl.	4998.51	
18	19 mm Square Bar	24.10	Qtl.	4998.51	
19	Facia Railing	95.152	Qtl.	4998.51	

Contractor

Witness

Executive Engineer

20	Rigid PVC pipe 20 mm dia	19200	Mtr.	14.00	
21	Rigid PVC pipe 25 mm dia	750	Mtr.	16.00	
22	Rigid PVC pipe 32 mm dia	45	Mtr.	25.00	

Note: The balance material shall be purchased by the contractor himself.

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 of 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 herein stipulated or otherwise fixed by the Executive Engineer other than the variation to be regulated by the proceedings Para-2 shall be dealt with as under:
 - i) **Excessive consumption of material up to 5% (Five percent) of theoretical consumption.**
Recovery will be made from contractor at the issue/recovery rate 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 double the issue/recovery rate 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 from the contractor at the Board's at the issue/recovery rate plus three percent storage charges 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 50kgs denomination per bag shall be considered and not the actual weight after losses in handling.

Contractor

Witness

Executive Engineer

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 authorised representative in token of its correctness

Divisional Accountant,
Housing Board Haryana
Rohtak

-Sd-
Executive Engineer,
Housing Board Haryana
Rohtak

LIST OF APPROVED MAKE OF VARIOUS ITEMS

Sr. No	ITEMS	MAKE
1	ISI marked PVC Pipe for Rain Water	Finolex, Kisan, Diplast Prince, Supreme.
2	ISI marked UPVC Sanitary Pipe SWR	Prince, Finolex, Kisan, Diplast, Supreme
3	G.I. Pipe	Tata, Jindal (Hissar)
4	CP Fittings	Essco, Cera, Jalaj (ISI), Jaquar, Kingston (agriani), ISI marked, Ess-Ess (Trends)
5.	ISI marked China Wares, Wash Basin & W.C.	Parryware, Hindware, Cera.
6.	Seat Cover, ISI Marked	Comander, Duralite, Perryware, Hindware, Cera
7.	PVC Cistern 7.5 liter Capacity	Parryware, Hindware, Cera.
8.	ISI marked Stainless steel sink with CP waste	Jayana, Lotus, Blue Star, Nikant, Nirali
9.	ISI marked Aluminium Door/ Window Fittings (Anodized)	Nu-Lite, Crown, Classic, Globe
10.	Paint 1 st Quality	Nerolac, Berger, ICI, Asian, Dulux
11.	Exterior Cement based decorative Paint	Acro Paint Ltd., Killick Nixon, Asian, Berger
12.	Washable Distemper 1 st Quality	Berger Paint, Asian, ICI
13.	Pressed Steel Chowkhat	Any BIS approved manufacturer or any other firm approved by the Chief Engineer
14.	ISI marked Flush door shutters	Kingoobra & High Class of M/s National Packing Ind. (Fbd.) GEE (ISI) of M/s Janardhan Plyboard Ind. (Dehradoon) GIC-Goyal (ISI) of M/s Goyal Ind. Corp. (New Dehli) Minimax of M/s Minimax Matel & Plywood Pvt. Ltd., Jagadhary
15.	LLDPE Storage tank ISI marked	Sintex, Diplast, Aqua Plus, Amitex, Virgin, SPL
16.	Ceramics glazed floor & wall tiles	Kajaria, Somany, Orient.
ELECTRICAL ITEMS		
1.	ISI marked rigid PVC pipe & Accessories (Medium quality)	Diplast, Precision, Polypack, Polycab, Bajaj, Ravindra.
2.	ISI marked Cable with copper conductor with fire retarded insulation	Finolex, Ecko, Korrel, National, Polycab, Vinay, Grandley, Grid cable
3.	ISI marked Piano Type Switches	Anchor, Precision, SSK, Vinay
4.	ISI marked Button holder ; Ceiling Rose ;Bell	Anchor, SSK, Precision, Vinay
5.	ISI marked MCBs & MCCB, enclosures & ELCBs.	Hevell's, HPL, Indo Kopp, North West Adhunik
6.	PVC Junction Box	Any ISI marked
7.	Bakelite Sheets ISI Marked	Formica, Starlam, Hylem, 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 Executive 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 from any of the above makes and they shall confirm to specifications. Make 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.

Contractor

Witness

Executive Engineer

TECHNICAL CONDITIONS, IMPORTANT SPECIFICATIONS AND MODE OF MEASUREMENTS FOR ELECTRICAL WORKS CONDUIT SYSTEM OF WIRING

(FOR BOTH PVC AND STEEL CONDUIT).

1. Before energizing the system, following tests should be given by the contractor, so as to find out that installation conforms to relevant rules/ regulations
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 case of bell point, the contractor will install bell push instead of ceiling rose 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. Earthing of metallic cases of bonding with 16 SWG Earth wire to the third pin of plug will be done.
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 licensed 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 license 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 its Electricity authority.
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 Executive Engineer. If the building construction work is in progress, the electrical work shall proceed along with for the purpose of cutting chases and holes.

Contractor

Witness

Executive Engineer

12. Not more than 5,10 & 14 copper conductor cable of 1.5 sq. mm, 3, 6 & 12 of 4 Sq mm and 2, 5 & 8 of 6 Sq.mm shall be allowed in 20mm, 25 mm and 32 mm dia. conduit pipe respectively. 4 & 7 copper conductor cable of 10 sq. mm shall be allowed in 25mm & 32 mm dia conduit pipe.
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 Engineer-in-Charge.
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 Engineer-in –Charge.
17. The work will be executed strictly as per PWD specifications unless and otherwise specified.
18. The PVC bend to be used of same make as approved FLRS conduit pipe.
19. The heavy gauge welded conduit pipe (medium) to be used on the work should bear the manufacturer's Trade mark and shall be ISI marked and should be one out of the make indicated in the list of material approved with DNIT.
20. In the item of bell point, the contractor will install bell push, the cost of which will be adjusted against the ceiling rose cost including in the item and nothing extra will be payable on this account and no compensation will be allowed to contractor.

MCBs and enclosure etc. will be installed of one make only and the thickness of CRCA sheets should be 1.20 mm (18 gauge) for SPN box and 1.60 mm (16 gauge) for TPN boxes as permitted by DGS & D.

Definition and measurement of points and wiring of DNIT item No. 1 strictly followed as per Haryana PWD specifications.

Sizes of M.S. boxes for various combinations will be as under:

1 Fan point and upto 2 switches	225 mm x 100 mm x 65 mm
2 Fan point and 2 switches	200 mm x 100 mm x 65 mm
1 Switch	100 mm x 100 mm x 50 mm
2 Switches	175 mm x 100 mm x 50 mm
3 Switches	175 mm x 100 mm x 50 mm
2 Switches and 1 socket 5 amp.	225 mm x 100 mm x 50 mm
3 Switches and 1 socket 5 amp.	225 mm x 100 mm x 50 mm
1 16 amp. switch 1 Nos. 16 amp. socket	225 mm x 100 mm x 65 mm

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

3 mm 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 5 mm thick Bakelite sheet without any deduction.

Contractor

Witness

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 labour cess 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)
Where a work costing more than Rs.15.00 lacs and above	One Qualified Engineer (Degree in Civil Engineering or equivalent)

In Case the agency fails to deploy the technical staff specified as above, the Engineer-in- Charge shall deploy the same at the cost of contractual agency and necessary recovery of the same shall be made from the pending dues of the contractual 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.
9. 10% security subject to maximum 5 % of the agreement amount shall be deducted from the running bill after adjusting 2% earnest money. The agency can provide equivalent bank guarantee of any scheduled bank branch located at Panchkula or at the HQ of the concerned Division of any scheduled commercial 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.

Contractor

Witness

Executive Engineer

- 10 50% security shall be released after 60 days, but within 75 days of the payment of the final bill. Balance 50% security shall be released after 300 days, but within 330 days of the payment of the final bill.
- 11 That in case the payment of running bill is not released within 40 days (forty) 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 on 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.17 of the contract agreement. I 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.
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.

Contractor

Witness

Executive Engineer

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 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.

Contractor

Witness

Executive Engineer

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 Tor or TMT or Mild steel as per structural requirement nothing extra shall be paid.
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 if any, 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 arising 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 laborers 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.
33. Income tax will be deducted from the bills of the contractor according to section 194-C of the Income Tax 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.

Contractor

Witness

Executive Engineer

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.
 - 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 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 of as directed by it.
39. 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.
40. 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. 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.

Contractor

Witness

Executive Engineer

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 as applicable from time to time, will be deducted from the contractor's bill as per 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 tendered 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 or rates, 1998.
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 and 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 implying, if desired.
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 may not claim any this 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.

Contractor

Witness

Executive Engineer

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 authorised 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.
59. The contractor shall take all safety precautions pertaining to construction of works such as excavation, trenching blasting demolition provisions of scaffolds 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 any recommendatory letters shall be issued by the department if requested by the contractor, but shall be in no way be responsible in not getting delay in getting required connections and no claim will be entertained in this regard.

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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 institution 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.
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 Contractors 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.

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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 supersede 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 material shall be subject to inspection and approval of the Executive Engineer, the contractor shall be required to get necessary test carried out of material/work from an approved laboratory approved by the Board.

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 standards of materials and workmanship till the completion of the work. The cost of testing of such samples shall be borne by the contractor and nothing shall be payable on this account. Testing charges, if any, shall be borne by the Board in case material found in accordance with specification otherwise the testing charges shall also be recovered from the contractor, if the samples fail in testing.

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

77 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.

78 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.

79 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

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the relevant chapter of HSR. Further if more than one premium has been quoted for that chapter, then premium of the nearest item or over all premiums at which the tender has been approved whichever is less, will be paid. It is clarified that if no rate /premium for the relevant chapter has been quoted then payment shall be made for that item at overall premium at which tender has been approved.

- 80 **One percent or as applicable at the time of execution of work labour cess on the construction cost shall be deducted from the contractor's bills as per the Building and other construction workers welfare cess act 1996 with latest amendments.**
- 81 No extra payment 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.

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 other wise 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 this 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.

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- (6) (i) Wages books and Wages slip etc. The contractor shall maintain a wage book of each worker in such form 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.
 - 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.
 - (iv) 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.

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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:
The Labour Welfare Officer or any other person authorized by the Haryana State 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 Project-in-Charge 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.
 - i) Government or any other person authorised by the Housing Board Haryana 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 preceding 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.
- (d) The Executive Engineer or the Assistant 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.

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SCHEDULE OF ITEMS, QUANTITIES AND SPECIFICATIONS TO BE ATTACHED WITH NOTICE INVITING TENDER FOR CONSTRUCTION OF BALANCE WORK OF 756 Nos. (Actual to be constructed 253 x 3 =759 Nos.) (Triple STOREYED) Group-A EWS Flats INCLUDING INTERNAL PH & EI SERVICES IN HOUSING BOARD COLONY, IN SECTOR-5, Hansi (TO BE EXECUTED ON THE RISK & COST OF M/S Universal Contractor & Engineers (P) Ltd.)

Approximate Cost : Rs. 29.28 Crore

Earnest Money : Rs. 5.00 Lacs

Time Limit : 21 Months

Date of receipt of Tender: 04.08.2014 Upto 3.00 PM

Opening of tender : 04.08.2014 at 3.30 PM

PART-A - CIVIL WORK:-

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
1	13980 cum	10014.907 cum	1875 Cum	----Cum	1875 Cum	Earth work in excavation in foundations, trenches, etc. in all kinds of soils, not exceeding two meters depth including dressing of bottom and sides of trenches, stacking the excavated soil, clear from the edge of excavation and subsequent filling around masonry, in 15 c.m. layers with compaction, including disposal of all surplus soil, as directed with in a lead of 30 meters.	Rs.1108.10	%Cum	6.6

Contractor

Witness

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Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
2	8290 cum	6676.609 Cum	1058 Cum	----Cum	1058 Cum	Earth filling under floors with surplus soil, excavated from foundation and taken only from outside the building plinth, in 15 cm layers, including ramming watering and consolidating lead upto 30 mtrs.	Rs.343.40	%Cum	6.13(a)
3	33007 Cum	14283.126 Cum	18724 Cum	779 Cum	19503 Cum	Earth filling under floor with the earth brought from outside of the H B colony, irrespective of lead, including loading/unloading, carriage, royalty/compensation etc. and laid in 15 cm/25cm layers including ramming, watering and consolidating complete as per PWD specifications under floor and court yards to the entire satisfaction of Engineer-in-Charge.	Rs. 170.00	Cum	N.S.

Contractor

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Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
4						Centering and shuttering for corbel, parapets, facias and other similar items including edges.			
	602 Sqm.	..... Sqm	.....Sqm	..... Sqm	.....Sqm	1 st storey	Rs. 39.60	Sqm.	9.11
	602 Sqm.	..... Sqm	.....Sqm	..... Sqm	.....Sqm	2 nd storey	Rs. 40.20	Sqm.	9.11 + Note(ii)
	762 Sqm.	..... Sqm	..... Sqm	..... Sqm	.....Sqm	3 rd storey	Rs. 40.80	Sqm.	9.11 + Note(ii)
5	2538 Sqm	6606.37 Sqm	1627 Sqm	..... Sqm	1627 Sqm	Shuttering for faces of concrete foundations and foundation beams (vertical or battening).	Rs.30.65	Sqm	9.13
6	1477 cum	1101.985 cum	263 Cum	---- cum	263 cum	Cement concrete 1:8:16 with brick ballast 40mm nominal size in foundation and plinth	Rs.300.20	Cum	10.26
7	300 Cum	691.60 cum	4816 cum	---- cum	4816 cum	Extra rate for additional depth	Rs. 2.55	Cum	Chapter 10, Note(E)2
8	292 cum	729.86 Cum	278 cum	---- cum	278 cum	Cement concrete 1 : 1½ : 3 with stone aggregate 20mm nominal size for reinforced concrete work but excluding steel reinforcement centering and shuttering in foundation and plinth.	Rs.712.70	Cum	10.79 + 10.95(a)

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
9						Cement concrete 1 : 1½ : 3 with stone aggregate 20mm nominal size for reinforced concrete work in first storey upto 4 meter above plinth level.			
	66 Cum	--- cum	--- cum	--- cum	--- cum	1 st storey	Rs. 718.95	Cum	10.80 +10.95 (a)
	66 Cum	--- cum	--- cum	--- cum	--- cum	2 nd storey	Rs. 726.25	Cum	10.80 +10.95 (a) +Note V(b)
	80 Cum	--- cum	--- cum	--- cum	--- cum	3 rd storey	Rs. 733.55	Cum	10.80 +10.95 (a) +Note V(b)
10						Cement concrete 1:2:4 with stone aggregate 20mm nominal size for reinforced concrete work in shelves excluding steel reinforcement, but including centering and shuttering, laid in position, complete in all respects. Kitchen work top.			
	40 cum	0.16 cum	40 cum	--- cum	40 cum	a) 1 st storey	Rs.947.70	Cum	10.81
	40 cum	0.55 cum	39 cum	--- cum	39 cum	b) 2 nd storey	Rs.955.00	Cum	10.81 + Note.
	40 cum cum	40 cum	--- cum	40 cum	c) 3 rd storey	Rs.962.30	Cum	10.81 + Note.

Contractor

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Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
11						Cement concrete 1: 1½ :3with stone aggregate 20mm nominal size for reinforced concrete work in slabs with inclination not exceeding 25 degree with horizontal, excluding steel reinforcement, but including centering and shuttering, laid in position, complete in all respects.			
	1330 cum	869.60 cum	460 cum	4 cum	464 cum	a) 1 st storey	Rs.1084.80	Cum	10.82
	1330 cum	721.09 cum	609 cum	4 cum	613 cum	b) 2 nd storey	Rs.1092.10	Cum	10.82+10.95(a) +Note V(b)
	1372 cum	617.67 cum	754 cum	39 cum	793 cum	c) 3 rd storey	Rs.1099.40	Cum	10.82+10.95(a) +Note V(b)
	119 cum	--- cum	111 cum	--- cum	111 cum	d) 4 th storey	Rs.1106.70	Cum	10.82+10.95(a) +Note V(b)
12						Cement concrete 1: 1½ :3 with stone aggregate 20mm nominal size for reinforced concrete work in slabs with inclination exceeding 25 degree with horizontal, excluding steel reinforcement, but including centering and shuttering, laid in position, complete in all respects.			
	115 cum	51.30 cum	56 cum	--- cum	56 cum	a) 1 st storey	Rs.1129.52	Cum	10.82 +10.95(a)
	115cum	59.40 cum	47 cum	--- cum	47 cum	b) 2 nd storey	Rs.1136.82	Cum	10.82+10.95(a) +Note V(b)
	25 cum	--- cum	--- cum	--- cum	--- cum	c) 3 rd storey	Rs.1144.12	Cum	10.82+10.95(a) +Note V(b)

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
13						Cement concrete 1: 1½:3 with stone aggregate 20mm nominal size for reinforced concrete work for walls exceeding 20cm thickness (straight & curved) beams, girders, stairs, columns, (square or rectangular) battens and lintels etc. excluding steel reinforcement but including centering and shuttering, laid in position, complete in all respects.			
	737 cum	1402.39 Cum	732 Cum	.....Cum	732 Cum	a) 1 st storey	Rs.1188.75	Cum	10.86+10.95(a)
	742 cum	717.72 Cum	24 Cum	571 Cum	595 Cum	b) 2 nd storey	Rs.1196.05	Cum	10.86+10.95(a) + Note V(b)
	691 cum	517.73 Cum	173 Cum	572 Cum	745 Cum	c) 3 rd storey	Rs.1203.35	Cum	10.86+10.95(a) + Note V(b)

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
14						Cement concrete 1:1½ :3 with stone aggregate 20mm nominal size for reinforced concrete work in fascias, parapets and other thin vertical sections, not covered by item No.10.82, 10.86 to 10.88 not exceeding 10cm thickness excluding steel reinforcement but including centering and shuttering, laid in position, complete in all respects.			
	128 cum	13.621 Cum	113 Cum	----Cum	113 Cum	a) 1 st storey	Rs.1708.95	Cum	10.89+10.95(a)
	262 cum	13.621 Cum	248 Cum	1 Cum	249 Cum	b) 2 nd storey	Rs.1716.25	Cum	10.89+10.95(a) +Note V(b)
	241 cum	10.242 Cum	231 Cum	2 Cum	233 Cum	c) 3 rd storey	Rs.1723.55	Cum	10.89+10.95(a) +Note V(b)
	110 cum	.....Cum	109 Cum	----Cum	109 Cum	d) 4 th storey	Rs.1730.85	Cum	10.89+10.95(a) +Note V(b)
15	3098 Sqm	--- Sqm	--- Sqm	--- Sqm	--- Sqm	Two coats bitumen 20/30 penetration @ 1.65 kg per Sqm.	Rs. 8.45	Sqm	10.115 + Note
16	760 Sqm.	523.868 Sqm.	236 Sqm.	1204 Sqm.	1440 Sqm.	DPC 25mm with bitumen painting.	Rs. 26.40	Sqm	10.115
17	7605 cum	3600.323 cum	1776 cum	---- cum	1776 cum	First class brick work laid in cement sand mortar 1:6 in foundation and plinth	Rs.393.45	Cum	11.2

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS	
18	5040 Cum	1322.815 cum	3016 cum	---- cum	3016 cum	Extra rate for additional depth	Rs. 8.25	Cum	Foot note of 6.6.(b) and (c) ch. 11	
19						First class brick work laid in cement sand mortar 1:6 in first storey upto 4 meter above plinth level.				
	3844 cum	1061.34 cum	2783 cum	526 cum	3309 cum	a) 1 st storey	Rs.414.45	Cum	11.7	
	3195 cum	886.565 cum	2308 cum	667 cum	2975 cum	b) 2 nd storey	Rs.422.70	Cum	11.7 + 11.41 (i)	
	3195 cum	616.62 cum	2578 cum	657 cum	3235 cum	c) 3 rd storey	Rs.430.95	Cum	11.7 + 11.41 (i)	
	647 cum	18.988 cum	626 cum	---- cum	626 cum	d) 4 th storey	Rs.439.20	Cum	11.7 + 11.41 (i)	
20						Firs class brick work laid in Cement sand mortar 1: 4 in superstructure.				
	516 Cum	---- cum	510 cum	---- cum	510 cum	a) 1 st storey	Rs.445.60	Cum	11.9	
	370 Cum	---- cum	370 cum	2 cum	372 cum	b) 2 nd storey	Rs.453.85	Cum	11.9 + 11.41 (i)	
21						Extra for brick work in square or rectangular pillars in building				
	192 Cum	---- cum	127 Cum Cum	127 Cum	a) 1 st storey	Rate for all storey	Rs.12.40	Cum	11.42
						b) 2 nd storey				
						c) 3 rd storey				
						d) 4 th storey				

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
22						11.43 cm thick brick wall laid in cement sand mortar 1:4 in super structure.			
	3437 Sqm	965.40 Sqm	2033 Sqm	..... Sqm	2033 Sqm	a) 1 st storey	Rs.55.10	Sqm	11.48(a)
	3603 Sqm	851.53 Sqm	2295 Sqm	..... Sqm	2295 Sqm	b) 2 nd storey	Rs.56.05	Sqm	11.48(a)+Note (i)
	4256 Sqm	717.168 Sqm	3007 Sqm	..... Sqm	3007 Sqm	c) 3 rd storey	Rs.57.00	Sqm	11.48(a)+Note (i)
	68 Sqm	..... Sqm	68 Sqm	..... Sqm	68 Sqm	d) 4 th storey	Rs.57.95	Sqm	11.48(a)+Note (i)
23	94248 Nos.	11205 Nos.	83043 Nos.	374 Nos.	83417 Nos.	Dressing and chamfering of bricks to required shape in masonry work steps of stair.	Rs. 73.75	100 Nos.	11.81
24	10510 Sqm.	..... Sqm	10353 Sqm	..... Sqm	10353 Sqm	Terracing consisting of tiles 22.86 cm X 11.43 X 3.81 cm, laid over 87.50 mm mud filling on a layer of 25mm mud plaster and an other layer of mud mortar for laying the tiles, including two coats 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. 3rd Storey.	Rs. 54.95	Sqm.	13.13 + Note (iii)

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
25	504 Nos.	---- Nos.	253 Nos.	---- Nos.	253 Nos.	Top khurra 0.6m x 0.6m for rain water pipe in 25 mm thick cement concrete 1:2:4 over 50mm thick cement concrete 1:8:16	Rs.12.30	Each	13.50
26	6660 Mtr.	--- Mtr	6660 Mtr	27 Mtr	6687 Mtr	Cement concrete 1:2:4 gola 10cm x 10cm quadrant along junction of roof with parapet wall finished smooth, where specially specified. On roof 3 rd Storey.	Rs.5.35	Mtr.	13.64
27	14109 Sqm	--- Sqm	14109 Sqm	249 Sqm	14358 Sqm	Base course of floors consisting of 75mm thick cement concrete 1:8:16 and 75 mm sand or stone filling.	Rs. 27.71	Sqm	14.1 (Dvd.)
28						Screed of 50 mm thick cement concrete 1:8:16 to be laid below the topping.			
	9276 Sqm	--- Sqm	9276 Sqm	2 Sqm	9278 Sqm	a) 2 nd storey	Rs.15.35	Sqm	14.4 + Note
	9276 Sqm	--- Sqm	9276 Sqm	2 Sqm	9278 Sqm	b) 3 rd storey	Rs.15.65	Sqm	14.4 + Note
29	1693 Sqm	--- Sqm	1693 Sqm	7 Sqm	1700 Sqm	Conglomerate floor 40 mm thick cement concrete topping 1:2:4	Rs.31.50	Sqm	14.9

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
30						Flat brick or tile flooring laid dry over a bed of 6mm thick cement sand mortar 1:6 grouted with cement sand mortar 1:4 and top surface to be left clean after wire brushing.			
	367 Sqm	--- Sqm	367 Sqm	3 Sqm	370 Sqm	a) 1 st storey	Rs. 32.00	Sqm	14.24
	367 Sqm	--- Sqm	367 Sqm	3 Sqm	370 Sqm	b) 2 nd storey	Rs. 32.55	Sqm	14.24 + Note
	367 Sqm	--- Sqm	367 Sqm	3 Sqm	370 Sqm	c) 3 rd storey	Rs. 33.10	Sqm	14.24 + Note
31	2779 Mtr.	.....Mtr.	2779 Mtr.	12 Mtr.	2791 Mtr.	Providing and fixing glass strips, 4mm thick in floors. a) 40 mm wide.	Rs. 3.50	Mtr.	14.79 (a)
32						Providing and fixing ceramic tiles/anti skid tiles of size 400mm X 400mm or above size of approved make in flooring, laid in any pattern as specified over base of 20mm thick cement coarse sand mortar 1:3 and jointed with white cement slurry mixed with pigment to match the shade of tiles.			
	23833 Sqm.	.....Sqm.	23833 Sqm.	96 Sqm.	23929 Sqm.	a) 1 st storey b) 2 nd storey	Rate for all Storey Rs.624.00	Sqm	14.91

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	c) 3 rd storey	Description of item	Rate	Unit	HSR/NS
33							Providing and fixing 1 st quality ceramic glazed wall tiles conforming to I.S. 15622 (thickness to be specified by the manufacturer) of approved make in all colour, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12mm 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 glazed tiles 200mm x 300mm.			
	10231 Sqm	.....Sqm.	10231 Sqm.	42 Sqm.	10273 Sqm.	a) 1 st storey	Rate for all Storey	Rs.501.75	Sqm	14.92
					b) 2 nd storey					
					c) 3 rd storey					

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
34						Kotah stone flooring minimum 25mm thick in any pattern as specified over 20mm thick base of cement coarse sand mortar 1:3 laid and jointed with neat cement slurry mixed with pigment to match the shade of stone including rubbing and polishing.			
	6814 Sqm	--- Sqm	6814 Sqm	27 Sqm	6841 Sqm	a) 1 st storey	Rs. 201.95	Sqm	14.62
	1368 Sqm.	--- Sqm	1368 Sqm	6 Sqm	1374 Sqm	b) 2 nd storey	Rs. 202.25	Sqm	
	317 Sqm	--- Sqm	317 Sqm	---2 Sqm	319 Sqm	c) 3 rd storey	Rs. 202.55	Sqm	
35	1128 Sqm.	--- Sqm	1128 Sqm	6 Sqm	1134 Sqm	Extra for kotah stone flooring in treads of steps not exceeding 30cm in width.	Rs.1.15	Sqm	14.64
36	5531 Mtr	--- Mtr	5531 Mtr	23 Mtr	5554 Mtr	Extra for nosing in treads of steps of kotah stone slab Stair steps.	Rs.6.10	Mtr	14.65

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS	
37						Kotah stone 20mm thick in skirting, risers of steps, dados and wall facing (lining) and pillars laid on 12mm thick cement coarse sand plaster 1:3 laid and jointed with neat cement slurry, mixed with pigment to match the shade of stone including rubbing and polishing including labour for fixing cramps, dowels and pins etc.				
	1534 Sqm	--- Sqm	1534 Sqm	7 Sqm	1541 Sqm	a) 1 st storey	Rs.237.00	Sqm	14.66	
	1073 Sqm	--- Sqm	1073 Sqm	7 Sqm	1080 Sqm	b) 2 nd storet	Rs.237.30	Sqm		
	47 Sqm	--- Sqm	47 Sqm	1 Sqm	48 Sqm	c) 3 rd storey	Rs.237.60	Sqm		
38						Marble stone flooring 17mm and above thick slab including matching grains of granite laid in any pattern as specified over base of 12mm thick cement coarse sand mortar 1:3 and jointing with white cement slurry mixed with pigment to match the shade of marble including rounding of junction etc. rubbing and polishing (using marble stone slab of size more than 0.38 Sqm. each) i/c cost of marble. (c) Baroda green marble.				
	1420 Sqm.	--- Sqm	1420 Sqm	7 Sqm	1427 Sqm	a) 1 st storey	Rate for all storey	Rs. 1530.00	Sqm	N.S.
						b) 2 nd storey				
						c) 3 rd storey				

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
39						10mm thick cement plaster 1:4 on walls or thin vertical section			
	3283 Sqm	--- Sqm	3283 Sqm	14 Sqm	3297 Sqm	a) 1 st storey	Rs.11.55	Sqm	15.2+15.52
	9901 Sqm	--- Sqm	9901 Sqm	37 Sqm	9938 Sqm	b) 2 nd storey	Rs.11.73	Sqm	15.2+15.52 +Note
	8835 Sqm	--- Sqm	8835 Sqm	35 Sqm	8870 Sqm	c) 3 rd storey	Rs.11.91	Sqm	15.2+15.52 +Note
	3631 Sqm	--- Sqm	3631 Sqm	15 Sqm	3646 Sqm	d) 4 th storey	Rs.12.09	Sqm	15.2+15.52 +Note
40						12mm thick cement plaster 1:6 on walls.			
	25635 Sqm.	387.999 Sqm	24776 Sqm	--- Sqm	24776 Sqm	a) 1 st storey	Rs.10.65	Sqm	15.7
	21647 Sqm.	387.999 Sqm	20769 Sqm	--- Sqm	20769 Sqm	b) 2 nd storey	Rs.10.83	Sqm	15.7 + Note
	21931 Sqm	--- Sqm	21445 Sqm	--- Sqm	21445 Sqm	c) 3 rd storey	Rs.11.01	Sqm	15.7 + Note
	3181 Sqm.	--- Sqm	3055 Sqm	--- Sqm	3055 Sqm	d) 4 th storey	Rs.11.19	Sqm	15.7 + Note
41						12mm thick cement plaster 1:6 on top of parapet wall.			
	724 Sqm.	--- Sqm	649 Sqm	--- Sqm	649 Sqm	a) 1 st storey	Rs.10.15	Sqm	15.7 + 15.47
	790 Sqm.	--- Sqm	790 Sqm	161 Sqm	951 Sqm	d) 4 th storey	Rs.10.69	Sqm	15.7 + 15.47

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
42						15mm thick cement plaster 1:6 on the rough side of single or half brick wall.			
	16940 Sqm	1018.172 Sqm	15922 Sqm	3145 Sqm	19067 Sqm	a) 1st storey	Rs.13.10	Sqm	15.12
	16277 Sqm	1018.172 Sqm	15259 Sqm	54 Sqm	15313 Sqm	b) 2 nd storey	Rs.13.28	Sqm	15.12 + Note
	16726 Sqm	--- Sqm	16726 Sqm	78 Sqm	16804 Sqm	c) 3 rd storey	Rs.13.46	Sqm	15.12 + Note
	2879 Sqm	--- Sqm	2879 Sqm	19 Sqm	2898 Sqm	d) 4 th storey	Rs.13.64	Sqm	15.12 + Note
43						10 mm thick cement plaster 1:3 with two coats of white wash under bearing of slab.			
	1288 Sqm.	--- Sqm	--- Sqm	--- Sqm	--- Sqm	a) 1st storey	Rs.13.60	Sqm	15.46 + 16.47
	1288 Sqm.	--- Sqm	--- Sqm	--- Sqm	--- Sqm	b) 2 nd storey	Rs.13.78	Sqm	
	1288 Sqm.	--- Sqm	--- Sqm	--- Sqm	--- Sqm	c) 3 rd storey	Rs.13.96	Sqm	
44						10mm thick cement plaster 1:4 on top of sun shade.			
	1177 Sqm.	--- Sqm	1177 Sqm	2 Sqm	1179 Sqm	a) 1st storey	Rs.10.80	Sqm	15.45+15.5 2
	1176 Sqm.	--- Sqm	1176 Sqm	3 Sqm	1179 Sqm	b) 2 nd storey	Rs.10.98	Sqm	
	1176 Sqm.	--- Sqm	1176 Sqm	3 Sqm	1179 Sqm	c) 3 rd storey	Rs.11.16	Sqm	
	2023 Sqm.	--- Sqm	2023 Sqm	9 Sqm	2032 Sqm	d) 4 th storey	Rs.11.34	Sqm	

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
45						10mm thick cement plaster 1:4 under side of ceiling.			
	11760 Sqm	438.292 Sqm	11321 Sqm	46 Sqm	11367 Sqm	a) 1 st storey	Rs.12.65	Sqm	15.52
	11760 Sqm	438.292 Sqm	11321 Sqm	46 Sqm	11367 Sqm	b) 2 nd storey	Rs.12.83	Sqm	15.52 + Note
	11760 Sqm	--- Sqm	11760 Sqm	45 Sqm	11805 Sqm	c) 3 rd storey	Rs.13.01	Sqm	15.52 + Note
	1310 Sqm	--- Sqm	1310 Sqm	6 Sqm	1316 Sqm	d) 4 th storey	Rs.13.19	Sqm	15.52 + Note
46	28100 Sqm	--- Sqm	21007 Sqm	--- Sqm	21007 Sqm	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	Rs. 4.60	Sqm	16.1
47	28100 Sqm	--- Sqm	21007 Sqm	--- Sqm	21007 Sqm	Applying pink primer or aluminum priming coat on new wood work. including preparation of surface, knotting and stopping etc. (1st quality) (For all storey)	Rs.3.75	Sqm	16.2

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
48	28100 Sqm	--- Sqm	21007 Sqm	--- Sqm	21007 Sqm	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. (1st quality).(For all storey)	Rs.9.40	Sqm	16.3
49	10568 Sqm	--- Sqm	10568 Sqm	43 Sqm	10611 Sqm	Applying priming coat with metal primer on new steel or iron work including preparation of surface (1 st quality).(For all storey)	Rs.3.15	Sqm	16.9
50	23380 Sqm	--- Sqm	23380 Sqm	91 Sqm	23471 Sqm	Painting two coats excluding priming coat with ready-mixed paint for metallic surfaces in all shades on new steel or iron work. (1 st quality)(For all storey)	Rs.7.00	Sqm	16.17

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
51	106070 Sqm.	--- Sqm	106070 Sqm	3033 Sqm	109103 Sqm	Preparation of plastered surface oil bound distemper including sand papering the surface and applying the cement based putty such as JK/ BIRLA/ Sara on the method as described by the manufacturer complete in all respect to the entire satisfaction of Engineer-in-charge.	Rs. 55.00	Sqm.	N.S.
52	106070 Sqm	--- Sqm	106070 Sqm	3033 Sqm	109103 Sqm	Distemping with washable oil bound distemper(of approved manufacture) two coats over one priming coat on new work	Rs. 9.10	Sqm	16.58
53	82200 Sqm.	--- Sqm	82200 Sqm	6504 Sqm	88704 Sqm	Finishing walls with exterior decorative cement based paint such as snowcem, robian-cem etc. on new work, two coats to give an even shade.	Rs. 7.25	Sqm	16.61
54						Cost of iron fittings, complete for door and window such as tower bolts, handles etc., and screws for these fittings.			
	11790 Sqm.	--- Sqm	8835 Sqm	--- Sqm	8835 Sqm	a) For single leaf shutter	Rs. 6.40	Sqm	17.71
	1179 Sqm.	--- Sqm	1179 Sqm	5 Sqm	1184 Sqm	b) For double leaf shutter	Rs. 10.50	Sqm	17.71

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
55	5040 Nos.	--- Nos.	5040 Nos.	20 Nos.	5060 Nos.	Providing and fixing sliding bolt with nuts and screws, etc. complete.(For all storey) (b) Iron (ii) Size 250mm x 16mm	Rs.16.35	Each	17.83
56						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 no. 1003, kiln seasoned)with 100mm 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 fitting, other than specified above, but including labour for fixing the same in position (for all storey) a) 30 mm thick window shutters.			17.90 (a) (-)17.18 Note
	2608 Sqm.	--- Sqm	2608 Sqm	9 Sqm	2617 Sqm	Single leaf	Rs. 398.15	Sqm.	
	1179 Sqm.	--- Sqm	1179 Sqm	6 Sqm	1185 Sqm	Double leaf	Rs. 398.15	Sqm.	

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
57	8015 Sqm	--- Sqm	6219 Sqm	--- Sqm.	6219 Sqm	<p>Factory manufactured solid flush door shutters, with block board core as per I.S. No.1659-1969 bonded with water proof type phenol formaldehyde synthetic resign, hot-pressed, conforming to I.S.2202 part-I & 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>(a) Commercial veneering with vertical grains or cross bands and face veneer on both sides commercial fixing with laminated core and lipped edges: (For all storey) (iii) 35mm thick</p>	Rs. 436.15	Sqm	17.93(a)(iii) (-) 17.18 Note

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
58	1714 Qtl	100.93 Qtl	1613 Qtl	171 Qtl	1784 Qtl	Wrought iron and mild steel (using angles, flats, square bars, tees and channels) ladders, grills, grating frames, window guards, iron doors open able or fixed 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. (For all storey)	Rs.1040.35	Qtl.	18.12
59	7090 Qtl	10576 Qtl	7203 Qtl	.....Qtl.	7203 Qtl	Fe-500 EQR TMT steel bars for RCC, works, where not included in the complete rate of RCC including bending, binding and placing in position complete.	Rs.917.05	Qtl.	18.22

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
60						Supplying and fixing glass panes including special metal sash putty of approved make			
	----- Sqm	--- Sqm	---- Sqm	--- Sqm	---- Sqm	a) glass panes 3 mm thick upto 40 Sq dm area.	Rs. 97.50	Sqm	18.30 (a)
	3346 Sqm	--- Sqm	3346 Sqm	14 Sqm	3360 Sqm	b) glass panes 4 mm thick, exceeding 40 Sq dm areas.	Rs. 115.40	Sqm	18.30 (b)
61						Pressed steel sheet frames (chowkhats) consisting of 2mm thick steel sheets of the specified section including iron lugs (hold fasts) iron hinges conforming to PWD specification, including bolts for fixing stops, lock notch, provision for single rebate complete.			
	28741 Mtr.	8570 Mtr.	20103 Mtr.	....Mtr.	20103 Mtr.	d) door and windows frame of size 114mm x 50mm with 35mm wide double rebates	Rs.69.75	Per Mtr	18.34(d)
	14107 Mtr	3650 Mtr.	10457 Mtr.	48 Mtr.	10505 Mtr.	Centre mullion (Rates 1.5o times) 114mm x 50mm with 35mm	104.63	Per Mtr	

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
62	379 Qtl	59 Qtl.	288 Qtl.	...Qtl.	288 Qtl.	Providing and fixing M.S. angle and T iron frames for door, window and ventilator including iron hold fast, but hinges of I.S.I mark fixed in position with machine screw and duly welded including all other suitable locking arrangements provided and welded with the frame and making holes and fixing glazing clips in the frame, filing the welds and finished with coat of red lead non setting primer complete in all respects.	Rs. 1069.70	Qtl.	18.35
63	504 Nos.	--- Nos.	253 Nos.	--- Nos.	253 Nos.	Providing and fixing in position HCI grating 150mm x 150mm for gully trap including painting with black bitumestic superior paint of approved manufacturers of three coats (for R.W. Pipe).	Rs.7.20	Each	30.86

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
64	5645 Mtr.	179 Mtr.	3161 Mtr.	.....Mtr.	3161 Mtr.	Providing & fixing PVC Rain Water pipe 6 Kg pressure of ISI mark in cement mortar during masonry work ISI marked 110 mm outer dia rigid class IInd PVC pipe of approved make fixed on wall with M S clamps screws and wooden plug to drain out rain water complete in all respect. Rain water pipe. (a) 100 mm dia. PVC pipe 6 kg. pressure	Rs. 182.00	Mtr.	13.89
65						Providing & fixing PVC Bend ISI Mark			
						a) For 100 mm inner dia pipe			
	504 Nos.	.....Nos.	253 Nos.	.....Nos.	253 Nos.	i) P.V.C. Bend	Rs. 97.40	Nos.	13.90
	504 Nos.	.....Nos.	.....Nos.	.....Nos.	.....Nos.	ii) P.V.C. Tee	Rs. 100.00	Nos.	N.S.
	504 Nos.	.....Nos.	.....Nos.	.....Nos.	..... Nos.	iii)PVC P-Trap	Rs. 150.00	Nos.	N.S.
						a) For 75 mm inner dia pipe			
	504 Nos.	.....Nos.	.....Nos.	.....Nos.	.....Nos.	i) P.V.C. Bend	Rs. 90.00	Nos.	N.S.
504 Nos.	.....Nos.	.....Nos.	.....Nos.	.....Nos.	ii) Reducer	Rs. 90.00	Nos.	N.S.	
504 Nos.	.....Nos.	.....Nos.	.....Nos.	.....Nos.	iii) Tee	Rs. 100.00	Nos.	N.S.	

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
66	252 Nos.Nos.	252 Nos.	1 No.	253 Nos.	Construction of brick masonry chamber of size 300 mm x 300m up to 1.6 meter average depth in cement mortar 1:5, CC 1:8:16 in foundation bed of 15 Cm thickness, 12 mm cement plaster 1:4 with a floating coat of one mm thick neat cement topping including fixing C.I grating of size 300 mm complete in all respect.	Rs. 560.00	Nos.	N.S.
67						12 mm thick cement plaster damp proof course 1:3 with 2 coats of bitumen at 1.65 kg. per sqm. laid hot and sanded:--			15.76
						2 nd storey			
	649 Sqm.	--- Sqm	649 Sqm	4 Sqm	653 Sqm	(i) Horizontal	Rs. 22.23	Sqm.	
	859 Sqm.	--- Sqm	859 Sqm	4 Sqm	863 Sqm	(ii) Vertical	Rs. 24.08	Sqm.	
						3 rd storey			
	649 Sqm.	--- Sqm	649 Sqm	4 Sqm	653 Sqm	(i) Horizontal	Rs. 22.41	Sqm.	
859 Sqm.	--- Sqm	859 Sqm	4 Sqm	863 Sqm	(ii) Vertical	Rs. 24.26	Sqm.		

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
68	4536 Sqm.	--- Sqm	4536 Sqm	18 Sqm	4554 Sqm	12mm thick raised or sunk cement mortar bend drip coarse in cement mortar 1:4	Rs. 100.00	Sqm.	N.S.
69	2973 Sqm.	.....Rmt.	2973 Rmt.	12 Rmt.	2985 Rmt.	Providing and fixing PVC Sleeve of 50 mm wide of approved manufacturer complete in all respect to the entire satisfaction of the Engineer-in-Charge.	Rs. 210.00	Rmt.	N.S.
70	1020 Sqm.					Providing and laying Mangalore tiles	Rs. 405.00		N.S.
		--- Sqm	1017 Sqm	--- Sqm	1017 Sqm	Ist storey			
						2 nd Storey			
						3 rd Storey			

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
71	1168 Sqm.	--- Sqm	1168 Sqm	6 Sqm	1174 Sqm	<p>SOLID PANEL PVC DOORS (MANUFACTURER-M/S RAJSHRI PLASTIWOOD)</p> <p>Providing & fixing 30mm thick factory made solid panel PVC door shutter consisting of frame made of M.S. tubes of 19 gauge thickness and size of 19mmx19mm for stiles and 15mmx15mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame shall be covered with 5mm thick heat moulded PVC 'C' channel of size 30mmx50mm forming stiles, and 5mm thick, 75mm wide PVC sheets for top rail, lock rail & bottom rail on either side, and 10mm (5mmx2) thick, 20mm wide cross PVC sheet as gap insert for top rail & bottom rail. Paneling of 5mm thick PVC to be fitted in M.S. frame welded / sealed to the stiles & rail with 30mm wide 5mm thick PVC sheet beading on either side, and jointed together with solvent cement adhesive. An additional 5mm thick PVC strip of 20mm width is to be stuck on the interior side of the 'C' channel using PVC solvent cement adhesive etc. complete as per specifications. (Methods of test is IS:4020 (latest edition))</p>	Rs. 1920.00	Sq. mtr	N.S

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
						<p>SOLID PVC DOOR FRAME Providing and fixing factory made polyvinyl chloride (PVC) Door Frame of size 50mmx47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet, miter cut at two corners and jointed with 2 Nos. of 150mm long brackets of 15mmx15mm M.S. square tube. The two vertical door profiles are to be reinforced with 19mmx19mm M.S. square of 19 gauge, EODM rubber gasket weather seal to be provided through out the frame. The door frame shall be fixed to the wall using 65/100mm long M.S. Screws through the frame by using PVC fasteners. A minimum of 4 Nos. of screws to be provided for each vertical member & minimum 2 Nos. for horizontal member etc. complete as per specification. (Methods of test is IS:4020 (latest edition) ACCESSORIES: Two number aluminium handles (150mm size), Tower bolt (150mm size) & Al-drop (200mm size) ISI marked.</p>			

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
						<p style="text-align: center;">OR</p> <p>PANEL PVC DOORS (MANUFACTURER-M/S SINTEX INDUSTRIES LTD.) Door shutters, with Shutter frame, Middle rail and infill panel made out of PVC material conforming to IS:10151:1982 The Shutter frame made of PVC extruded sections having overall dimensions of 80mmx30mm having a wall thickness of 1.5 ± 0.3mm with usual process variation corresponding to Sintex code No. DWUF-331. The Shutter frame is given tapered shape to provide better grip to infill panel and to drain out the water. The Middle rail made out of PVC extruded sections having overall dimensions of 100mmx24mm No.DWUF-312. The Infill made out of multi-chambered seem less PVC extruded panel having an overall dimensions of 200mm x 20mm having wall thickness of $1.0\text{mm} \pm 0.2$mm, with usual process variation corresponding to Sintex code No. SPUF-101. The shutter frame shall be miter cut and joined at corners. Special Polymeric 'L' type and fixed with 10-20mm counter shank fully threaded parallel shank steel screws.</p>			

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
						<p>At the hardware locations shall be reinforced with special polymeric bars. Door shutter should be fixed to the door frame with anodized aluminium/steel butt hinges of required size, by using 10-20mm long counter sunk fully threaded parallel shank steel screws. Stickers showing locations of different hardware shall be pasted on the shutters at appropriate places.</p> <p>DOOR FRAMES PVC Door frames made of PVC material conforming to IS:10151-1982. The door frames shall be made from extruded PVC section with overall dimensions of 60mm x 50mm having wall thickness of 1.5mm \pm 0.3mm with usual process variation corresponding to Sintex code number DWUF-415. The frame shall be reinforced with special polymeric reinforcements to take up hardware and fixtures. The corner joints shall be mitre cut and welded or joined by concealed cleats with necessary screws fitting. A tie rod to be provided at bottom to hold vertical members intact.</p> <p>ACCESSORIES: Two number aluminium handles (150mm size) & AI-drop (200mm size) of ISI marked.</p>			

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS	
72						Cement concrete 1:8:16 with brick ballast 40 mm nominal size in Ist storey upto 4 meter above plinth level.				
	31 Cum	.....Cum	31 Cum	.....Cum	31 Cum	Ist storey	Rs. 306.45	Cum	10.44 + Note
	31 Cum	.....Cum	31 Cum	.....Cum	31 Cum	2 nd Storey	Rs. 313.75	Cum	10.44 + Note
	31 Cum	.....Cum	31 Cum	.....Cum	31 Cum	3 rd Storey	Rs. 321.05	Cum	10.44 + Note
73	2.50 Cum	.....Cum	2.50 Cum	3 Cum	253 Cum	Cement concrete 1:2:4 with stone aggregate 20 mm nominal size in 4 th storey upto 4 meter above plinth level.	Rs. 643.75	Cum	10.59
74						Providing and fixing in position precast cement concrete Jali in cement mortar with necessary support at every floor level.				
	2469 Sqm.	---- Sqm	---- Sqm	---- Sqm	---- Sqm	Ist storey	Rate for all storey	Rs. 650.00	Sqm.	11.103 a b c
						2 nd Storey				
						3 rd Storey				

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
75	1326 Cum	4220.867 Cum	479 Cum	.....Cum	479 Cum	Cement concrete 1: 1½ : 3 with stone aggregate 20 mm nominal size for reinforced concrete work in footings, strips, foundations, beams, rafts, pedestals and approach slabs of bridges etc, excluding steel reinforcement but including centering and shuttering, laid in position, complete in all respects, (For work upto 1.5 meters below ground level.)	Rs. 687.10	Cum	10.90 +10.95
76	404 cum	12.73 Cum	391 Cum	633 Cum	1024 Cum	Cement concrete 1:4:8 with stone aggregate 40 mm nominal size in foundation and plinth	Rs. 403.10	Cum	10.39
77	584 Cum	.....Cum	584 Cum	3 Cum	587 Cum	Supply and filling stone aggregate of size 20 to 25 mm in sunken portion including light ramming irrespective of any storey.	Rs. 900.00	Cum	N.S.

Contractor

Witness

Executive Engineer

Part- 'B' Internal Public Health Services:

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
1.	2459 Cum	--- Cum	1931 Cum	--- Cum	1931 Cum	Earth work in excavation in foundations, trenches, of underground structures, sullage drains, etc. and other similar works in ordinary soil including dressing of bottom and sides, to correct levels and templates, cutting of trees and bushes, dewatering of rain water, diversion of traffic, fixing and maintenance of caution boards, and night signals, crossing over trenches for access to houses, Watching, stacking of excavated soil, clear from the edge of excavation, and subsequent filling, where required around masonry, in 15cm layers, with compaction and disposal of surplus soil as directed within a lead of 30mtr for depth upto 2mtrs below natural ground level(for P.H. work only).	Rs.932.00	% Cum	6.7

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
2	252 Cum	.....Cum	.....Cum	.....Cum	.....Cum	CC 1:2:4 with stone aggregate 20 mm nominal size in foundation and plinth.	Rs. 615.60	Cum	10.41
3						Providing and fixing and jointing union coupling in G.I. pipe line.			
	4536 Nos.	.....Nos.	4536 Nos.	18 Nos.	4554 Nos.	a) 15mm internal dia	Rs. 60.00	Nos.	N.S.
	3024 Nos.	.....Nos.	3024 Nos.	12 Nos.	3036 Nos.	b) 20 mm internal dia	Rs. 100.00	Nos.	N.S.
4						Cutting holes upto 23cm through stone masonry or brick work in cement walls for pipes and making good including repointing, replastering and finishing according to existing finish where required.			
	1008 Nos.	.....Nos.	1008 Nos.	4 Nos.	1012 Nos.	(a) 11.43cm thickness of walls.	Rs.14.00	Each	28.24(a)
	6552 Nos.	.....Nos.	6552 Nos.	26 Nos.	6578 Nos.	(b) 22.86cm thickness of walls.	Rs.20.35	Each	28.24(b)

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
5						Cutting holes upto 23cm square for pipes in floor and roofs of cement concrete reinforced concrete or reinforced brick work and making good including repointing, replastering, replacing bitumen and colour or white washing where required.			
	1512 Nos.	.....Nos.	1512 Nos.	6 Nos.	1518 Nos.	b) 115mm thickness of floor or roof	Rs.11.95	Each	28.26 (b)
6						Constructing brick masonry inspection chamber size as given below upto 0.60 mtr. average depth in cement mortar 1:5 lime concrete with 40 percent lime mortar 2:3 in foundation cement concrete 1:2:4 benching 12mm thick cement plaster 1:2 with a floating coat of 1mm thick of neat cement R.C.C. 1:2:4 slab 100mm thick/C.C. topping 50mm thick with 455mm x 455mm x 610mm inside light duty C.I. inspection chamber cover and frame weight as per ISI specification painted with 3 coats of black bitumastic superior paint complete as per standard design.			
	504 Nos.	.....Nos.	504 Nos.	.....Nos.	504 Nos.	a) Size 600 mm x 900mm inside (with 455 mm x 455 mm cover and frame light duty single seal weighing 20 kg. with C.C. topping).	Rs.582.00	Each	29.84(a)

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
7						Providing and fixing in position 15mm i/d C.P. brass bib cocks of best quality (as required by the Engineer-in-Charge).			
	3780 Nos.	.....Nos.	3036 Nos.	.....Nos.	3036 Nos.	a) Bib cock long body	Rs.116.00	Each	30.75(a)
	756 Nos.	.....Nos.	756 Nos.	3 Nos.	759 Nos.	c) Bib cock short body.	Rs.100.00	Each	30.75(c)
8						Providing & fixing in position C.P. brass stop cocks (as approved by the Engineer-in-charge)			
	2268 Nos.	.....Nos.	1518 Nos.	.....Nos.	1518 Nos.	i) 15 mm Stop cock	Rs.101.00	Each	30.76(a)(i)
	756 Nos.	.....Nos.	.....Nos.	.....Nos.	.....Nos.	ii) concealed stop cock with flange.	Rs. 130.00	Each	30.76(a)(ii)
9						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.			
	12096 Mtr	..... Mtr	12096 Mtr	..... Mtr	12096 Mtr	(c) Size 75mm x 50mm	Rs.4.00	Mtr.	30.95(c)

Contractor

Witness

Executive Engineer

10	756 Nos.	.....Nos.	756 Nos	3 Nos	759 Nos	Providing and fixing in position automatic brass ball valves in tanks. <u>(b) WITH PLASTIC BALL</u> (ii) 20mm internal diameter.	Rs.48.00	Each	30.110(b)(ii)
11						Providing & fixing in position Gully Trap fixed in cement concrete 1:4:8 complete with H.C.I. grating 150 x 150mm cast iron cover weighing approximately 7.26 kg and frame clear opening 300mm x 300mm and outside size 330mm x 330mm and chamber including cost of all brick work in cement mortar 1:5 cement concrete 1:8:16 in foundations, and cement concrete 1:2:4 in coping around C.I. cover and frame etc. with three coats of black bitumestic superior paint of approved manufacturer on all C.I. work as per standard design, minimum depth of water should be 150 mm with a minimum seal 50mm.			
	504 Nos.	.....Nos	504 Nos.	2 Nos.	506 Nos.	a) 100mm internal diameter S.W. Gully Trap.	Rs166.00	Each	30.114(a)

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
12						<p>Providing and fixing in position best quality Indian make Orissa Pan water closet suit (as approved by the Engineer- in - charge of approved make consisting of:</p> <p>i) Closet set vitreous chinaware, water closet pan with horizontal inlet of approved make for sinking in to floor with raised foot treads complete with 100mm dia UPVC 'P' trap with or without vent of approved make and suitable joints to ensure leak proof service for closet set as required in cluding cost of cement concrete 1:2:4 with stone aggregate 20 mm nominal size under and around P Trap and WC pan as required.</p> <p>ii) 7.50 litres capacity mosquito proof PVC low level flushing cistern of approved make complete in all respect with all fitting and fixtures and making good the wall and floors and painting of brackets as per satisfaction of the Engineer-in-Charge. (Excluding cost of cement)</p>			
	756 Nos.	.....Nos	756 Nos.	3 Nos.	759 Nos.	A Size 580 mm (White)	Rs. 2105.00	Each	N.S.

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
13						Providing & fixing in position U.P.V.C. (SWR) pipe grade B for soil waste vent or anti syphonage pipe of approved make including suitable jointing to ensure leak proof service as per instructions for laying, jointing laid by the manufacturer including cost of solution for jointing etc			
	2016 Mtr.	115.71 Mtr.	1900 Mtr.	..... Mtr.	1900 Mtr.	150 mm dia for sewerage	Rs. 345.00	Mtr.	N.S.
	5544 Mtr.	148.46 Mtr.	4916 Mtr.	.....Mtr.	4916 Mtr.	100 mm dia for sewerage	Rs. 220.00	Mtr.	N.S.
	9299 Mtr.	296.92 Mtr.	9006 Mtr.	412 Mtr.	9418 Mtr.	90 mm dia for sewerage	Rs. 190.00	Mtr.	N.S.
14	2268 Nos.	114 Nos.	2154 Nos.	1274 Nos.	3428 Nos.	Providing and fixing in position UPVC (S.W.R.) pipe 110mm x 90 mm Nahani Trap with Jali of approved make including suitable jointing to ensure leak proof service and cement concrete 1 :2 :4 with stone aggregate 20 mm nominal size under and around the trap where required upto floor level complete in all respect including cutting and making good the wall floor etc. b) With 90 mm i/d outlet.	Rs. 170.00	Nos.	N.S.

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
15						Providing and fixing in position rigid U.P.V.C. (SWR) specials of approved make including suitable jointing, to ensure leak proof service and cutting & wastage etc. and cutting holes in walls, roofs or floors etc. and making good to its original condition. <u>(a) For 150mm dia pipe.</u>			
	252Nos.	119 Nos.	233 Nos.	1 Nos.	234 Nos.	i) Socket	Rs. 90.00	Each	N.S
	504Nos.	....Nos.	504 Nos.	2 Nos.	506 Nos.	ii) Reducer 150 x 100	Rs. 120.00	Each	N.S
	252Nos.	....Nos.	252 Nos.	1 Nos.	253 Nos.	iii) Bend	Rs. 160.00	Each	N.S
						<u>(b) For 100mm dia pipe.</u>			
	252 Nos.	....Nos.	252 Nos.	1 Nos.	253 Nos.	i) Bend plain (vertical stack)	Rs. 105.00	Each	N.S
	1512 Nos.	38 Nos.	1474 Nos.	6 Nos.	1480 Nos.	ii) socket	Rs. 60.00	Each	N.S
	252 Nos.	....Nos.	252 Nos.	1 Nos.	253 Nos.	iii) Cowl	Rs. 20.00	Each	N.S
	504 Nos.	38 Nos.	466 Nos.	2 Nos.	468 Nos.	iv) PVC -Tee	Rs. 130.00	Each	N.S
						<u>b) 90mm dia metre</u>			
	504Nos.	....Nos.	504 Nos.	2 Nos.	506 Nos.	i) Bend plain	Rs. 75.00	Each	N.S.
	1512 Nos.	76 Nos.	1436 Nos.	6 Nos.	1442 Nos.	ii) Socket	Rs. 55.00	Each	N.S.
	504Nos.	....Nos.	504 Nos.	2 Nos.	506 Nos.	iii) Cowl	Rs. 20.00	Each	N.S.
	1008 Nos.	76 Nos.	932 Nos.	4 Nos.	936 Nos.	iv) PVC -Tee	Rs. 125.00	Each	N.S

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
16						Providing, laying, jointing, fixing and testing G.I pipe and specials, Tees, bends, sockets, elbows, etc. ISI mark of approved make inside building and testing etc. complete in all respect cutting and threading including cost of specials.			
	8568 Mtr.	886.16 Mtr.	7682 Mtr.	8904 Mtr.	16586 Mtr.	i) 15mm i/d	Rs. 165.00	Mtr.	N.S.
	26964 Mtr.	919.41 Mtr.	26044 Mtr.	107 Mtr.	26151 Mtr.	ii) 20mm i/d	Rs. 195.00	Mtr.	N.S.
17	756 Nos.	..... Nos	756 Nos.	3 Nos.	759 Nos.	Providing and fixing in position best quality salen stainless steel kitchen sink as per IS standard with complete fittings of approved make as below: i) Salen stainless steel kitchen sink without drainage board of approved make of overall size 24" x 18"x 8" and bowl size 20" x 16" x 8" ; ii) 40mm i/d PVC waste pipe of approved make iii) 40mm i/d stainless steel & PVC waste as approved by the Engineer-in-Charge including socketand plumbing joint complete.	Rs. 2500.00	Each	N.S.

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
18						Providing and fixing and jointing gun metal Peet valves (Heavy patterns) with hand wheels, on G.I. pipes lines laid in the ground or inside buildings.			
	756 Nos.	..... Nos.	756 Nos.	3 Nos.	759 Nos.	20 mm internal dia meter	Rs. 465	Each	N.S.
19	756 Nos.	..... Nos.	756 Nos.	3 Nos.	759 Nos.	Providing and fixing PVC plastic water storage tank of 500 liters capacity double layer of ISI marked fixed in position on the roof	Rs. 2682.00	Each	30.119 (c)
20	756 Nos.	..... Nos.	.....Nos.	.....Nos.	.....Nos.	Providing and fixing in position best Indian make shower with 15 mm i/d in-let. (C) CP brass with revolving joint as per IS code 8931-1993 with latest amendments	Rs. 122.00	Each	30.66

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
21	2268 Nos.	..... Nos.	1518 Nos.	.....Nos.	1518 Nos.	Providing and fixing lead inlet connection with brass union for flushing and warning pipe complete in all respects. (c) 15mm alkathene pipe inlet connection	Rs.10.50	Each	30.93(c)
22	756 Nos.	..... Nos.	756 Nos.	3 Nos.	759 Nos.	Providing and fixing 32mm dia PVC waste pipe under the Lavatory suite	Rs. 40.00	Each	N.S.
23	756 Nos.	..... Nos.	756 Nos.	3 Nos.	759 Nos.	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; R.S. or C.I. Brackets for building into wall including painting; 32 mm C.P.Brass waste with C.P. brass chain and rubber plug; 15 mm C.P. Brass Screw down pillar tap with jamnuts or couplings best design (as approved by the Engineer-in-Charge) All fitting best Indian Make and to the approval of the Engineer-in-Charge) All brass work chromium plated and complete in all respects including cutting and making good the walls floors and painting of fitting etc. A) White : Size 550 mm x 400 mm with one no. tap	Rs. 407.00	Each	30.41 (a) (iv)

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
24						Providing and fixing in position M.S. or heavy flat iron clamps made out of M.S. flat not less than 5mm of the approved design for fixing C.I. soil, waste vent or anti pipes to walls complete in all respects including cutting and making good the walls and floors etc., and painting.			
	4536 Nos.	..... Nos.	4536 Nos.	18 Nos.	4554 Nos.	(a) For 100 mm internal diameter pipes	Rs. 12.50	Each	30.88
	3024 Nos.	..... Nos.	3024 Nos.	12 Nos.	3036 Nos.	(b)For 75 mm internal diameter pipes	Rs. 11.00	Each	30.88
25	4536 Mtr.	.... Mtr.	4536 Mtr.	18 Mtr.	4554 Mtr.	Providing and laying 20mm dia GI pipe B class of approved make for water connection	Rs. 100.00	Mtr.	N.S.

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
26						Providing salt glazed stone ware pipes grade 'A' in standard length of 600mm each pipe marked with IS:651 and their lowering, cutting, jointing and testing as described in HSR item No. 29.38, 29.39, 29.40 including the cost of jointing materials as well as carriage, loading, unloading stacking, handling, re-handling etc. complete in all respects as per satisfaction of Engineer-in-Charge.			
	630 Mtr.	.... Mtr.	.... Mtr.	.... Mtr.	.... Mtr.	b) 100mm internal dia S.W. pipe line.	Rs. 128.00	Mtr	29.95 (i)
	2520 Mtr.	.... Mtr.	.... Mtr.	.... Mtr.	.... Mtr.	c) 150mm internal dia S.W. pipe line.	Rs. 199.00	Mtr.	29.95
27	151 Mtr.	.... Mtr.	151 Mtr.	0.80 Mtr.	152 Mtr.	Extra for every 0.30 meter depth of inspection chamber.	Rs. 103.00	Mtr.	29.85 (b)

Contractor

Witness

Executive Engineer

PART : EI Work

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
1						Wiring in 1.5 sq. mm (22/030 mm) PVC unsheathed insulated ISI, 1100 V grade stranded copper conductor cable as per IS 694 in rigid PVC. Conduit pipe ISI (Medium) IS 9537, PVC Bends and PVC circular inspection box of required size with MS Boxes 18 gauge sheet including ISI socket size rotary step type. electronic fan regulator, switches, sockets, MS junction boxes and covered with 3 mm thick Bakelite ISI sheet with brass screw/washer including the cost of cable, PVC pipe, sheet, switches, ceiling rose, electronic step type (socket size) fan regulator, socket, cutting and refilling the chases etc. complete in all respect upto the entire satisfaction of the engineer-In-Charge.			
						A) Fan Point			
	Nil					Short point, complete point.	695.00	Each	NS

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
	Nil	Nil	Nil	Nil	Nil	a) Only PVC pipe fixed in roof. Balance PVC pipe in walls with MS Boxes, wiring , Bakelite sheet, switches etc. to be executed at site.			
	Nil	Nil	Nil	Nil	Nil	b) PVC pipe in roofs& wall with MS boxes fixed. Balance Wiring, sheet switches to be executed at site.			
	Nil	Nil	Nil	Nil	Nil	c) complete work to be executed ie. PVC pipe in roof& slab with MS Boxes, wiring, sheets switches to be executed at site.			
						Medium Point	840.00		
		268	268	Nil	268	a) Only PVC pipe fixed in roof. Balance PVC pipe in walls with MS Boxes, wiring, Bakelite sheet, switches etc. to be executed at site.	672.00	Each	N.S.
		502	502	Nil	502	b) PVC pipe in roofs& wall with MS boxes fixed. Balance Wiring, sheet switches to be executed at site.	420.00	Each	N.S.
		Nil	742	Nil	742	c) Complete work to be executed ie. PVC pipe in roof& slab with MS Boxes, wiring, sheets switches to be executed at site.	840.00	Each	N.S.

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
	Nil	Nil	Nil	Nil	Nil	Long point	1005.00	Each	N.S.
						B) LIGHT POINT			
	4284					Short point	305.00	Each	N.S.
		536	536	Nil	536	a) Only PVC pipe fixed in roof. Balance PVC pipe in walls with MS Boxes, wiring , Bakelite sheet, switches etc. to be executed at site.	244.00	Each	N.S.
		1004	1004	Nil	1004	b) PVC pipe in roofs& wall with MS boxes fixed. Balance Wiring, sheet switches to be executed at site.	122.00	Each	N.S.
		Nil	2744	Nil	2744	c) Complete work to be executed i.e. PVC pipe in roof& slab with MS Boxes, wiring, sheets switches to be executed at site.	305.00	Each	N.S.
	3024					Medium point	440.00	Each	N.S.
		670	670	Nil	670	a) Only PVC pipe fixed in roof. Balance PVC pipe in walls with MS Boxes, wiring , Bakelite sheet, switches etc. to be executed at site.	352.00	Each	N.S.
		1225	1225	Nil	1225	b) PVC pipe in roofs& wall with MS boxes fixed. Balance Wiring, sheet switches to be executed at site.	220.00	Each	N.S.
		Nil	2240	1111	2240	c) Complete work to be executed ie. PVC pipe in roof& slab with MS Boxes, wiring, sheets switches to be executed at site.	440.00	Each	N.S.
	1512	Nil	Nil	Nil	Nil	Long Point	600.00	Each	N.S.

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. Risk Cost	of &	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
							C) TWIN CONTROL LIGHT POINT			
	504						Short point	335.00	Each	N.S.
		385	385	-		385	a) Only PVC pipe fixed in roof. Balance PVC pipe in walls with MS Boxes, wiring, Bakelite sheet, switches etc. to be executed at site.	268.00	Each	N.S.
		Nil	Nil	Nil	Nil	Nil	b) PVC pipe in roofs& wall with MS boxes fixed. Balance Wiring, sheet switches to be executed at site.	167.00	Each	N.S.
		Nil	119	1512		1631	c) complete work to be executed i.e. PVC pipe in roof& slab with MS Boxes, wiring, sheets switches to be executed at site.	335.00	Each	N.S.
	Nil	Nil	Nil	Nil	Nil	Nil	Medium point	500.00	Each	N.S.
	504.00 Nos.						Long point	700.00	Each	N.S.
		385	385	-		385	a) Only PVC pipe fixed in roof. Balance PVC pipe in walls with MS Boxes, wiring, Bakelite sheet, switches etc. to be executed at site.	560.00	Each	N.S.

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
		Nil	Nil	Nil	Nil	b) PVC pipe in roofs& wall with MS boxes fixed. Balance Wiring, sheet switches to be executed at site.	350.00	Each	N.S.
		Nil	119	1512	1631	c) complete work to be executed i.e. PVC pipe in roof& slab with MS Boxes, wiring, sheets switches to be executed at site.	700.00	Each	N.S.
						D) CALL BELL POINT			
		Nil	Nil	Nil	Nil	Short point			
		Nil	Nil	Nil	Nil	Medium point			
	756.00					Long point	685.00	Each	N.S.
		134	134	Nil	134	(i) Only PVC pipe fixed in roof. Balance PVC pipe in walls with MS Boxes, wiring, Bakelite skeet, switches etc. to be executed at site.	548.00	Each	N.S.
		251	251	Nil	251	b) PVC pipe in roofs& wall with MS boxes fixed. Balance Wiring, sheet switches to be executed at site.	342.50	Each	N.S.
			371	Nil	371	c) complete work to be executed i.e. PVC pipe in roof& slab with MS Boxes, wiring, sheets switches to be executed at site.	685.00	Each	N.S.

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
						E) 3 PIN 5 AMP PLUG POINT			
	3780					Short point			
		670	670	Nil	670	(i) Only PVC pipe fixed in roof. Balance PVC pipe in walls with MS Boxes, wiring, Bakelite skeet, switches etc. to be executed at site.	288.00	Each	N.S.
		1255	1255	Nil	1255	b) PVC pipe in roofs& wall with MS boxes fixed. Balance Wiring, sheet switches to be executed at site.	180.00	Each	N.S.
			1855	Nil	1855	c) Complete work to be executed i.e. PVC pipe in roof& slab with MS Boxes, wiring, sheets switches to be executed at site.	360.00	Each	N.S.
	756					Medium point			
		134	134	Nil	134	(i) Only PVC pipe fixed in roof. Balance PVC pipe in walls with MS Boxes, wiring, Bakelite skeet, switches etc. to be executed at site.	400.00	Each	N.S.
		251	251	Nil	251	b) PVC pipe in roofs& wall with MS boxes fixed. Balance Wiring, sheet switches to be executed at site.	250.00	Each	N.S.

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
			371	Nil	371	c) Complete work to be executed i.e. PVC pipe in roof& slab with MS Boxes, wiring, sheets switches to be executed at site.	500.00	Each	N.S.
	1512	Nil	Nil	Nil	Nil	Long point	665.00	Each	N.S.
						F) 3 PIN 15 AMP PLUG POINT IN 4 Sq. mm PVC COPPER CONDUCTOR CABLE i/c EARTHING THE 3rd PIN			
		Nil	Nil	Nil	Nil	Short point	500.00	Each	N.S.
		Nil	Nil	Nil	Nil	Medium point	730.00	Each	N.S.
	1512					Long point	995.00	Each	N.S.
		134	134	Nil	134	(i) Only PVC pipe fixed in roof. Balance PVC pipe in walls with MS Boxes, wiring, Bakelite skeet, switches etc. to be executed at site.	796.00	Each	N.S.
		251	251	Nil	251	b) PVC pipe in roofs& wall with MS boxes fixed. Balance Wiring, sheet switches to be executed at site	498.00	Each	N.S.
			1127	Nil	1127	c) Complete work to be executed i.e. PVC pipe in roof& slab with MS Boxes, wiring, sheets switches to be executed at site.	995.00	Each	N.S.

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. Risk Cost of &	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
2	1512	Nil	1512	Nil	1512	Supply and erection of blanking sheet in existing distribution board	2.25	Each	N.S.
3						L) Miniature circuit breaker and isolator			
						Supply of miniature circuit breaker / isolator 240/415 V in the existing distribution board including making necessary connection			
						(a) Miniature Circuit Breakers of 9 K. A. breaking capacity.			
	3780	Nil	3780	Nil	3780	i) 6 amp to 32 amp (Single pole)	95.00	Each	31.17 (a) (ii)
						B) Isolators.			
	756	Nil	756	Nil	756	(i) 40 Amp. to 63 Amp. Single pole with neutral	164.00	Each	31.17 (b) (i)
4						FITTINGS AND ACCESSORIES.			
	756	Nil	756	Nil	756	i) Electric Buzzer 220/230 volts A.C. Bakelite with double coil.	21.00	Each	31.18 (viii)
	6048	Nil	6048	Nil	6048	ii) Bakelite Angle/Straight pattern holder large size.	6.20	Each	31.18 (xi)

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
5.	1512	770	742	Nil	742	iii) Supply and erection of hexagonal M.S. box 1.60 mm thick having each size 8 cm., 7.5 cm. , deep top covered with M.S. lid by means of screws including 10 mm dia. 30 cm. long M.S. rod made into suitable suspension hook and erected in RCC slab for erection of fan complete	26.30	Each	31.18 (xxvi)
						Q) EARTHING			
	756	Nil	756	Nil	756	i) Earthing with G.I. earth pipe 4.5 Mtr. Long and 40 mm dia. With masonry enclosures on the top etc. as required.	378.00	Each	31.22 (i)
	756	Nil	756	Nil	756	ii) Extra for using salt and charcoal/cake for pipe earth electrode as required.	125.00	Each	31.22 (ii)
	6552	93.33	6458	Nil	6458	iii) Providing and laying earth connections from earth electrode with 4 mm dia. G.I. wire in 15 mm dia. G.I. pipe from earth electrode as required.	24.50	Mtr.	31.22 (xii)
	756		756	Nil	756	iv) Providing and fixing 4 mm dia. G.I. wire on surface or in recess for loop earthing as required.	3.40	Mtr.	31.22 (xvi)

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. Risk Cost of &	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
						WIRES AND CABLES.			
						Supply and erection of PVC unsheathed stranded copper conductor cable 1100 volts grade in pipe of suitable size excluding cost and erection of pipe.			
	75600	Nil	75600	Nil	75600	iii) Size 1.50 Sq. mm (3/..81 mm)	10.20	Mtr.	31.40 (i)
	22680	Nil	22680	Nil	22680	v) Size 4.00 Sq. mm (7/0.85 mm)	24.50	Mtr.	31.40 (iii)
	22680	Nil	22680	Nil	22680	vi) Size 6.00 Sq. mm (7/1.05 mm)	35.60	Mtr.	31.40 (iv)
						D) Sheet Steel enclosure			
						Supply and erection of double door sheet steel enclosure distribution boards suitable for MCBs &ELCBs etc. on wall/existing board/pedestal with rag bolts including bonding to earth.			
	756	35	721	Nil	721	(iii)Distribution board 8way Single pole with neutral(Horizontal)	870.00	Each	31.41 (ii)

Contractor

Witness

Executive Engineer

Sr. No.	Qty as per approved DNIT	Qty. already executed	Balance Qty. of Risk & Cost	Qty. other than Risk & Cost	Total Qty.	Description of item	Rate	Unit	HSR/NS
						ELCB:			
						Supply and erection of earth leakage circuit breaker including its enclosure of approved make to the satisfaction of the Engineer-in-charge.			
	756	Nil	756	Nil	756	i) 40 Amp./240v DP 100 M.A. Sensitivity	1330.00	Each	31.42 (viii)
						Supply and erection of rigid PVC conduit pipe for wiring purpose including bands and inspection boxes etc. of required sizes .			
	37800	6394.35	31405	Nil	31405	i) Rigid PVC conduit pipe 20 mm dia. Flushed	31.00	Mtr.	31.44 (a)
	45360	Nil	45360	Nil	45360	ii) Rigid PVC conduit pipe 25 mm dia. Flushed	37.00	Mtr.	31.44 (b)
	Nil	1730	--	3270	3270	iii) Rigid PVC conduit pipe 32 mm dia. Flushed	45.00	Mtr.	31.58

Sd-
Assistant Engineer (C)
Housing Board Haryana,
Hansi.

-Sd-
Executive Engineer,
Housing Board Haryana,
Rohtak.

DNIT Approved

-Sd-
Chief Engineer,
Housing Board Haryana,
Panchkula.

-Sd-
ADM

-Sd-
CHD

-Sd-
CS

-Sd-
SE

Contractor

Witness

Executive Engineer