



Office of the Deputy Director (EP) III
West Bengal Housing Board.

No:-1245 /DD(EP) III/HB.

Dated: -31.10.2018

NOTICE INVITING TENDER

NIT No. WBHB/DD(EP)III/NIT-03/2018-19

Deputy Director (EP) III, West Bengal Housing Board invites sealed tender in prescribed form from eligible bidders for the works as per particulars below:-

1.	Name of work:	Renovation of Office Toilets including Sanitary and Plumbing works at 3rd floor of 'ABASAN' Building, West Bengal Housing Board, 105 S. N. Banerjee Road, Kolkata 700014
2.	Eligibility criteria:	<p>Bonafide & resourceful contractor's working in W.B.H.B. state P.W.D., C.P.W.D., railway, having credentials i) for execution of similar nature/Building works of satisfactory completed works valued at least 40% of estimated amount in a single contract during last five years. Or ii) intending tenders should produced credentials of 2 (Two) similar nature of work, each of the minimum value of 30% of the estimated amount put to tender during 5(Five) years period to the date of issue of the tender notice, or iii) Intending tenderes should produced credentials of one single running work of similar nature which has been completed to the extent of 80% or more and value of which is not less than value . In case of running works, only those tenderers who will submit the certificate of satisfactory running works from the concerned Executive Engineer, or equivalent competent authority will be eligible for the tender, In the required certificate it should be clearly stated that the work is in progress satisfactorily and also that no panel action has been initiated against the executed agency. i.e. the tenderer.</p> <p>N.B. 1) Credential/completion certificate should contain a) Name of work (b) Name and address of Client (c) Amount put to tender, (d) Date of commencement of work (e) Date of completion of work (f) Reason for abnormal delay, if any (g) Final bill amount .</p> <p>2) Credential certificate issued by the Executive Engineer or equivalent competent authority of a state/ central Govt, state / Central Govt, undertaking, statutory, autonomous bodies constituted under the statute of the Central / state Govt. On the executed value of work will only be taken as credential.</p> <p>3) Payment Certificate will not be treated as credential having I.T., vat Regd. No., P. Tax certificate, PAN Card No., service Tax Registration No. P.F. code No.</p>
3.	Name of the Engineer-in Charge	Deputy Director (EP) III, under WBHB
4.	Estimated cost of the works:-	Rs. 4,92,066.00

5	Earnest money:	Rs. 9,850.00
6.	Cost of tender documents: (Non-refundable).	During participation, cost towards Tender documents need not required to pay only successful bidder has to be paid cost of three copies of documents for agreement as per norms which will be communicated latter on i.e. through L.O.A.
7	Validity of Tender	120 days from the date of submission of tender
8	Procurement of Tender paper i.e. N.I.T, Bid document, Term & condition etc.	Bid documents will be available in the site (wbhousing.gov.in) and in the office of the Deputy Director (EP) III at 3 rd Floor in all working days during office hours i.e. from 05.11.2018 to 19.11.2018.
9	Last date & Time for submission of tender	20.11.2018 up to 2.30 P.M
10	Date & Time for opening of tender:	20.11.2018, AT.3.30 P.M
11	Time allowed for completion	Two months

12. Contractor has to submit completion certificate showing details of executed works and time taken for completion including comments on their up to date performance from the respective deptt / Authority.

13. Contractor should submit application along with self-attested copies of the following (Original copies for each are to be produced for verification as & when asked for).

- i) Income Tax return with acknowledgement for the current year including PAN Card.
- ii) Professional Tax (PT) latest challan with certificate
- iii) Employees provident Fund (PF) enrollment certificate with code no .
- iv) GST registration certificate.
- vi) Work order and Completion certificate from respective department.
- vii) Valid Trade license from respective Municipality/ Panchayat,
- viii) Power of Attorney/Authority to sign the Tender documents and Articles/Memorandum of Association (in case of companies)
- ix) Partnership Deed- (In case of partnership firm.)

The Agency will quote the rate (in both words and figures) at percentage below/ above/ or AT PER with the rates shown in the specific priced schedule of probable items with approximate quantities.

14. **Tender must be accompanied by EMD** specified for the work in the shape of Bank Draft/Pay Order only on a Nationalized **Bank drawn/Scheduled Bank in favor of West Bengal Housing Board payable at Kolkata.** E.M.D. Should be kept in a sealed envelope with a clear description and should accompany the name of work and N.I.T. No.

Bidders eligible for **exemption of EMD** as per Govt. rule may avail the same and necessary documents regarding the exemption of EMD must be submitted.

15. **Tender must be delivered to Deputy Director (EP) III,** West Bengal Housing Board or in absence to any authorized officer of West Bengal Housing Board and will be opened on the same day in the presence of bidders or their authorized representatives.

16. **If the office happens to be closed on the date of receipt of tender** as specified in the NIT will be received and opened on the next working day at the same time and venue,

17. **The post tendering negotiation** if required may be made with all the eligible tenderers which may be instant or afterwards.

18. **Contractor shall have to make his /her own arrangement for resource materials** duly certified will only be accepted.

19. **There will be no provision for arbitration** whatsoever in the contract.

20. **Successful tenderer would have to arrange cess registration** certificate with the Labour Department, Government of West Bengal located in the area where the construction project/work is to be executed under specific NIT.

21. Successful tenderer would have to execute an agreement as specified by the WBHB in non- judicial stamp paper of value Rs. 10/-only before issuing of formal work order by the WBHB

22. One percent (1%) cess will be statutorily deducted from each of contractor's progressive bill.

23. No conditional tender will be accepted.

24. Tenderer should collect the GSTN No. of WBHB before submitting the bill & for deposition of GST to the respective department.

25. Tenders will be received only in the tender box kept in the office chamber of Deputy Director (EP) III at 3rd Floor, West Bengal Housing Board.105, S N Banerjee Road, Abasan, Kolkata-700014 and nowhere else,

26. Submission of false misleading and fabricated statement/ documents/information etc found at any point of time will lead to cancellation of the tender.

27. Acceptance of tender will rest entirely with the WBHB which does not bind itself to accept the lowest tender and reserves the right itself the authority to reject any or all the tenders received without assigning any reasons thereof.

28. Joint Venture will not be allowed.

29. Further details can be seen in the tender documents itself.

**Deputy-Director (EP)III
West Bengal Housing Board**

No.: 1245/1(14) DD(EP) III/HB

Dated: - 31.10.2018

Copy forwarded for information to the:

1. Housing Commissioner, West Bengal Housing Board
2. Joint Housing Commissioner, West Bengal Housing Board
3. Director (Engineering), West Bengal Housing Board
4. CA cum AP, West Bengal Housing Board
5. FA cum CAO,/D.F.A. West Bengal Housing Board
6. Asst. Housing Commissioner-I he is requested to please arrange for uploading the NIT the Website forthwith
7. 7-10.Joint Director (EW)-I/II/III/IV/V. West Bengal Housing Board
11. Join Director (EEW) WBHB
12. . A.D Sarsuna Housing Project West Bengal Housing Board.
13. Estimator attached to DD (EP)/Sarsuna H P.West Bengal Housing Board.
- 14 . Notice Board

**Deputy-Director (EP) III
West Bengal Housing Board**

WEST BENGAL HOUSING BOARD

SECTION – 3

Special Terms & conditions

C.1 General :

Unless otherwise stipulated in the BOQ or Technical Specification of this Tender, all the works are to be done as per general conditions and general specifications as mentioned either in—

a) Public Works Department Schedule of Rates for Building Works and Sanitary & Plumbing Works in force including up-to-date addenda and corrigenda, if any, issued from competent authority as applicable for the working area of concerned Circle at the time of submission of tender, or in

C.2 Definition of Engineer-in-Charge and commencement of work :

The word “Engineer-in-Charge” means the Deputy Director(EP), WBHB of the project concerned. The word “Department” appearing anywhere in the tender documents means West Bengal Housing Board, The word “approved” appearing anywhere in the documents means approved by the Engineer-in-Charge. In case, the work is transferred to any other Deputy Director, the Deputy Director under whom the work will be executed should be treated as the Engineer-in-Charge. The work shall have to be taken up within **seven days** of the receipt of the formal work order or otherwise mentioned therein. Failure to do so will constitute a violation of the contract stipulation as regards of proportionate progress and timely completion of work and the contractor will thereby make himself liable to pay compensation or other penal action as per stipulation of the printed tender form.

C.3 Possession of the Site :

The Engineer-in-charge will give possession of all parts of the site to the contractor by the site possession date stated in Contract Data.

C.4 Co-operation with other agencies and damages and safety of users :

All works are to be carried out in close co-operation with the Department and other contract or contracts that may be working in the area of work. The work should also be carried out with due regard to the convenience of the road users and occupants of the adjacent locality, if any. All arrangements and programme of work must be adjusted accordingly. All precautions must be taken to guard against chances of injury or accidents to workers, road users,

s of the adjacent locality etc. The opinion of the Engineer-in- Charge

are due to the negligence of the contractor are promptly rectified by the contractor at his own cost and expenses and according to the direction and satisfaction of the Engineer-in-Charge.

C.5 Personnel :

The Contractor shall employ the key technical personnel named in the Qualification information declaration / NIT or other technical persons approved by the Engineer-in-charge. The Engineer-in-charge will approve any proposed replacement of technical personnel only if their relevant qualifications and abilities are substantially equal to or better than those of the personnel stated in the Qualification information declaration /NIT.

If the Engineer-in-charge asks the Contractor to remove a person who is a member of the Contractor's staff or his work force stating the reasons, the Contractor shall ensure that the person leaves the Site within seven days and has no further connection with the Works in the Contract.

C.6 Amenities for Contractors :

All materials, tools and plants and all labour (skilled and unskilled) including their housing, water supply, sanitation, light, procurement of food for contractors staff and crews, medical aids etc. are to be arranged for by the contractor at his own cost. The cost for transportation of labour, materials and all other incidental items as required for work shall also have to be borne by the Contractor without any extra claim from department.

C.7 Contractor's risk for loss or damage :

All risk on account of railway or road carriage or carriage by boat including loss or damage of vehicles, boats, barges, materials or labour, if any, will have to be borne by the contractor without any extra claim towards department.

C.8 Authorised Representative of Contractor :

The contractor shall not assign the agreement or sublet any portion of the work. The contractor, may however, appoint an authorized representative in respect of one or more of the following purpose only.

- a) General day to day management of work.
- b) To attend measurements when taken by the Departmental Officers and sign the records of such measurements in token of acceptance by the contractor.

The selection of the authorised representatives shall be subject to the prior approval of the Engineer-in-Charge concerned and the contractor shall in writing seek such approval of the Engineer-in-Charge giving therein the name of work, Tender No., the Name, Address and the specimen signature of the representative he wants to appoint and the specific purposes as specified here-in-above, which the representative will be authorised for. Even after first approval, the Engineer-in-Charge may issue at any subsequent date, revised directions about such authorised representative and the contractor shall be bound to abide by such directions. The Engineer-in-Charge shall not be bound to assign any reason for his revised directions. Any notice, correspondence etc. issued to the authorised representative or left at his address, will be deemed to have been issued to the contractor.

C.9 Power of Attorney :

The Provision of the power of attorney, if any, must be subject to the approval of the Department. Otherwise the Department shall not be bound to take cognizance of such attorney.

C.10 Transportation arrangement :

The contractor shall arrange for all means of transport including railways wagons required for carriage and supply of materials and also the materials required for the construction work. The Department may however, at their own discretion grant necessary certificates, if required, for
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tment to help the contractor in this

respect, the contractor will have to arrange at his own initiative so that progress of work will not hamper and no claim whatever on this ground will be entertained under any circumstances. If railways facilities are not available, the contractor will have to depend on transport of materials by road as necessary to complete the work without claiming any extra payment from department in this regard. The contractor must consider this aspect while quoting rate.

C.11 Arrangement of Land :

The contractor will arrange land for installation of his Plants and Machineries, his godown, store yard, labour camp etc. at his own cost for the execution of the work. Departmental land, if available and if applied for, may be spared for the purpose on usual charges as fixed by the Competent Authority.

C.12 Use of Government/Board's Land :

Before using any space in Government/Board's land for any purpose whatsoever, approval of the Engineer-in-charge will be required. Departmental land, if available and if applied for, may be spared for the purpose on usual charges as fixed by the Competent Authority. The contractor shall make his own arrangements for storage of tools, plant, equipments; materials etc. of adequate capacity and shall clear and remove on completion of work any shed, huts etc. which he might have been erected on Government/Board's land. If after such use, the contractor failed to clear the land, Department will arrange to remove those installation and adequate recovery will be made from the dues of the contractor.

C.13 Contractor's Site Office :

The contractor shall have an office adjacent to the work as may be approved by the Engineer-in-Charge where all directions and notice of any kind whatsoever, which the Engineer-in-Charge or his representative may desire to give to the contractor in connection with the contract, may be left or sent by post to such office or delivered to the contractor's authorised agent or representative. For such intimation to the contractor's site office, it shall be deemed to be sufficient enough to be served upon the contractor.

C.14 Contractor's Godown :

The contractor must provide suitable godowns for cement and other materials at the site of work. The cement godown is to be sufficient in capacity and it must be water tight with either an elevated floor with proper ventilation arrangement underneath the floor or if solid raised flooring is made, cement is to be stored on bamboo or timber dunnage to the satisfaction of the Engineer-in-Charge. No separate payment will be made for these godowns or for the store yard. Any cement, which is found at the time of use to have been damaged, shall be rejected and must immediately be removed from the site by the contractor as per direction of the Engineer-in-Charge.

C.15 Water and energy :

The contractor shall have to arrange on his own cost, required energy for operation of equipments and machineries, for operating of pumping set, illuminating work site, office etc. that may be necessary in different stages of execution of work. No facility of any sort will be provided for utilization of the departmental sources of energy existing at site of work. Arrangement for obtaining water for the work should also be made by the contractor at his own cost. All cost for getting energy and / or for any purpose whatsoever will have to be borne by the contractor for which no claim will be entertained.

All materials, tools and plants and all labour (skilled and unskilled) including their housing, water supply, sanitation, light, procurement of food for contractors staff and crews, medical aids etc. are to be arranged for by the contractor at his own cost. The cost for transportation of labour, materials and all other incidental items as required for work shall also have to be borne by the Contractor without any extra claim from department.

C.16 Access Road :

The Contractor shall provide necessary access roads to the site of work from the nearest public thoroughfare and right of way at his cost unless otherwise provided for in the contract.

C.17 Site Order Book The contractor shall within seven days of receipt of the order to take up

work, supply at his own

shall be kept at the site of work under the custody of Assistant Director or his authorised representative. The Site Order Book shall have machine numbered pages in triplicates. Directions or instruction from Departmental officers to be issued to the Contractor will be entered (in triplicate) in the Site Order Book (except when such directions or instructions are given by separate letters). The contractor or his authorised representative shall regularly note the entries made in the work Order Book and also record thereon the action taken or being taken by him complying with the said directions or instruction on any relevant point relating to the work. The contractor or his authorised representative may take away the triplicate page of the Site Order Book for his own record and guidance.

Cases of supplementary items or of claims may not be entertained unless supported by entries in the Site Order Book or any written order from the Tender Accepting Authority.

The first page of the Site Order Book shall contain the following particulars:

- a) Name of the Work
- b) Reference to contract number
- c) Contractual rate in percentage
- d) Date of opening of the Work Order Book
- e) Name and address of the Contractor
- f) Signature of the Contractor
- g) Name and address of the Authorized representative (if any of the contractor authorized by him)
- h) Specific purpose for which the contractor's representatives is authorized to act on behalf of the Contractor.
- i) Signature of the authorized representative duly attested by the Contractor.
- j) Signature of the Assistant Director concerned.
- K) *DATE OF ACTUAL COMPLETION OF WORK.*
- L) *DATE OF RECORDING FINAL MEASUREMENT.*

Entries in (K) and (L) above shall be filled in on completion of the work and before the Site Order Book is recorded in the office of the Deputy Director.

C.18 Programme of work :

Before actual commencement of work the contractor shall submit a programme of construction of work with methodology clearly showing the required materials, men and equipment. The contractor will submit a programme of construction in the pattern of **Bar Chart or Critical Path Method** and a time table divided into four equal periods of progress of work to complete the work within the specific period for approval of the Engineer-In-Charge who reserves the right to make addition, alterations and substitutions to such programme in consultation with the contractor and such approved programme shall be adhered to by the contractor unless the same is subsequently found impracticable in part or full in the opinion of the Engineer-In-Charge and is modified by him. The contractor must pray in writing, showing sufficient reasons therein for modification of programme. The conditions laid down in **clause 2** of the printed tender form regarding the division of total period and progress to work and the time table thereof as provided in the **Contract Data** shall be deemed to have been sufficiently complied with the actual progress of work and does not fall short of the progress laid down in the approved time table for one fourth, half and three fourth of time allowed for the work.

C.19 Setting out of the work :

The contractor shall be responsible for the true and perfect setting out of the work and for the correctness of the position, levels, dimensions and alignments of all parts of work, if any rectification or adjustment becomes necessary the contractor shall have to do the same at his own cost according to the direction of the Engineer-in-Charge. During progress of works, if any, error appears or arises in respect of position, level, dimensions or alignment of any part of the work, the contractor shall, at his own cost, rectify such defects to the satisfaction of the Engineer-in-Charge. Any setting out that may be done or checked by either of them shall not in any way relieve the contractor from their responsibility for correctness and rectification thereof.

C.20 Precautions during works :

The contractor shall carefully execute the work without disturbing or damaging underground or overhead service utilities viz. Electricity, Telephones, Gas, Water pipes, Sewers etc. In case disturbances of service utilities is found unavoidable the matter should immediately be brought to

measures as would be directed
d expenses of the contractor. If

the service utilities are damaged or disturbed in any way by the contractor during execution of the work, the cost of rectification or restoration of damages as would be fixed by the Engineer-in-Charge concerned will be recovered from the contractor.

C.21 Safety, Security and Protection of the Environment :

The Contractor shall, throughout the execution and completion of the Works and the remedying of any defects therein:

- (a) have full regard for the safety of all persons and the works (so far as the same are not completed or occupied by the department),
- (b) provide and maintain at his own cost all lights, guards, fencing, warning signs and watching, when and where necessary or required by the Engineer-in-Charge for the protection of the Works or for the safety and convenience of the public or others,
- (c) take all reasonable steps to protect the environment on and off the Site and to avoid damage or nuisance to persons or to property of the public or others resulting from pollution, noise or other causes arising as a consequence of his methods of operation,
- (d) ensure that all lights provided by the Contractor shall be screened so as not to interfere with any signal light of the railways or with any traffic or signal lights of any local or other authority.

C.22 Clearing Of Site :

Before starting any work, work site, where necessary, must be properly dressed after cutting clearing all varieties of jungles shrubs, bamboo clusters or any undesirable vegetation from the alignment or site of works. On completion of works all temporary structure or obstruction including some pipes in underground work, if any, must also be removed. All scars of construction shall be obliterated and the whole site shall be left in a clear and neat manner to the satisfaction of the Engineer-In-Charge. Total length (in case of road project) shall be demarcated by proper chainage along with fixing 200m post as per direction of Engineer-in-Charge on both side of the alignment and Bench Marking at desired locations as per direction of Engineer-in-Charge. No separate payment shall be made for all these works, the cost thereof being deemed to have been included in the rates of various items of works quoted by the contractor in the schedule of probable items of works.

C.23 Sundry Materials :

The contractor must erect temporary pillars, master pillars etc. as may be required in suitable places as directed by the Engineer-In-Charge at his own cost before starting and during the work by which the departmental staff will check levels layout different works and fix up alignment and the contractor shall have to maintain and protect the same till completion of the work. All machineries and equipments like Level Machine, Staff, Theodalite etc. and other sundry material like, pegs, strings, nails flakes instruments etc. and also skill labour required for setting out the levels for laying out difference structures and alignment shall also be supplied by the contractor as per direction of Engineer-in-Charge at his own cost without any extra claim towards the department.

C.24 Covered up works:

When one item of work is to be covered up by another item of work the latter item shall not be done before the former item has been measured up and has been inspected by the Engineer-in-Charge or Assistant Director, as the authorized representatives of the Engineer-in-Charge and order given by him for proceeding with the latter item of work. If this is not possible for practical reasons, the Sub-Assistant Engineer, if so authorized by the Assistant Director, may do this inspection in respect of minor works and issue order regarding the latter item.

C.25 Drawings :

- a) The Engineer-in-charge shall supply drawings for all permanent works from time to time to the contractor in duplicate. The contractor shall submit a schedule of requirement of drawings for permanent work, subject to approval of the schedule by the Engineer, well in advance to enable the engineer-in-charge supplying the drawings in time. For temporary and minor works, all design and drawings shall be prepared by the contractor at his own cost and obtain approval from the Engineer-in-charge. Approval by the Engineer-in-charge shall not relieve the contractor of any of his responsibilities under the contract.
- b) One set of Contract document including all approved drawings furnished to the same shall be at all reasonable

times be available for inspection by the Employer and / or the Engineer-in-charge and by any other person authorized by the Engineer-in-charge in writing.

c) Any deviation from working drawings and engineering drawings that may be required by the exigencies of construction, or otherwise, will in all cases be determined and authorized by the Engineer-in-charge in writing.

C.26 Delay due to modification of drawing and design :

The contractor shall not be entitled for any compensation for any loss due to delays arising out of modification of the drawing, addition and alterations of specifications and such events shall be governed by the provisions of Clause 12 of Printed Tender Form.

C.27 Tools and Plants :

All Tools and Plants required for the work will have to be supplied by the Contractor at his own cost; all cost of fuel and stores for proper running of the Tools and Plants must be borne by the Contractor. The minimum plant and mechanical equipments to be owned by the contractor & deployed in the contract work

C.28 Equipment for testing of materials & concrete at site laboratory:

Any equipment for site tests as outlined in BIS and as directed by the Engineer-in-charge.

C.29 Procurement of materials :

All materials required to complete execution of the work shall be supplied by the contractor after procurement from authorised and approved source.

C.30 Issue of Departmental Materials :

Departmental materials will not be issued under any circumstances.

C.31 Serviceable Materials :

The responsibility for stacking the serviceable materials (as per decision of the Engineer-in-Charge) obtained during dismantling of existing structures/roads and handing over the same to the Engineer-in-charge of work of this Department lies with the contractor and nothing will be paid on this account. In case of any loss or damage of serviceable materials prior to handing over the same to this Department, full value will be recovered from the Contractor's bill at rates as will be assessed by the Engineer- in-Charge.

C.32 Unserviceable Materials:

The Contractor shall remove all unserviceable materials, obtained during execution at place as directed. The contractor shall dress up and clear the work site after completion of work as per direction of the Engineer-in-Charge. No extra payment will be made on this account.

C.33 Damaged / Unused Materials :

Any damaged / unused materials lying at contractor's custody, which is found at the time of use to have been damaged and / or remaining unused, shall be rejected and / or removed immediately from the site by the contractor or disposed of as directed by Engineer-in-Charge at the costs and expenses of the contractor and the contractor shall have no claim for compensation on account of any such materials so damaged / remaining unused as aforesaid.

C.34 Idle labour and additional cost :

Whatever may be the reason **no** claim on idle labour, enhancement of labour rate additional establishment cost, cost of Toll and hire and labour charges of tools and plants, railway freight etc. would be entertained under any circumstances.

C.35 Timely completion of work :

All the supply and the work must have to be completed in all respects within the time specified in Notice Inviting Tender from the date of commencement as mentioned in work order. Time for completion as specified in the tender shall be deemed to be the essence of the contract.

C.36 Extension of time :

For cogent reasons over which the contractor will have no control and which will retard the progress, extension of time for the period lost will be granted on receipt of application from the contractor. No claim whatsoever for idle labour, additional establishment, enhanced cost of materials and labour and hire charges of tools and plants etc. would be entertained under any circumstances. The contractor should consider the above factor while quoting his rate. Applications for such extension of time should be submitted by the contractor in the manner indicated in Clause-5 of the printed form of Printed Tender Form.

C.37 Terms and Conditions in extended period :

As Clause 5 of Printed Tender Form as the case may be when an extension of time for completion of work is granted by the Engineer-in-Charge for cogent reasons for which the contractor have no control, it will be taken for granted by the working contractor that the validity of the contract is extended automatically upto the extended period with all terms and conditions, rates etc. remaining unaltered, i.e. the tender is revalidated upto the extended period.

C.38 Management Meetings :

- a) Either the Engineer or the Contractor may require the other to attend a management meeting. The business of a management meeting shall be to review the plans for remaining work and to deal with matters in accordance with the requirements in consultation with the concerned persons.
- b) The Engineer-in-charge shall record the business of management meetings and is to provide copies of the record to those attending the meeting and to the Employer. The responsibility of the parties for actions to be taken shall be decided by the Engineer either at the management meeting or after the management meeting and stated in writing to all who attended the meeting..

C.39 Taking over Certificate :

When the whole of the Works have been completed and have satisfactorily passed any Tests on Completion prescribed by the Contract, the Contractor may give

a notice to that effect to the
ied by a written undertaking to

finish with due expedition any outstanding work during the Defects Liability Period. Such notice and undertaking shall be deemed to be a request by the Contractor for the Engineer-in-charge to issue a Taking-Over Certificate in respect of the Works. The Engineer-in-charge shall, within 21 days of the date of delivery of such notice, either issue to the Contractor, with a copy to the Employer, a Taking-over Certificate, stating the date on which, in his opinion, the works were substantially completed in accordance with the contract, or give instructions in writing to the Contractor specifying all the work which, in the Engineer's opinion, is required and shall also notify the Contractor of any defects in the Works affecting substantial completion that may appear after such instructions and before completion of the Works specified therein. The Contractor shall be entitled to receive such Taking-Over Certificate within 21 days of completion, to the satisfaction of the Engineer-in-charge, of the works so specified and remedying any defects so notified.

C.40 Testing of qualities of materials and workmanship :

All materials and workmanship shall be in accordance with the specifications laid down in the contract and also as per relevant IS codes and the Engineer-In-Charge reserves the right to test, examine and measure the materials/workmanship direct at the place of manufacture, fabrication or at the site of works or any suitable place. The contractor shall provide such assistance, instrument, machine, labour and materials as the Engineer-in-Charge may require for examining, measuring and testing the works and quality, weight or quantity of materials used and shall supply samples for testing as may be selected and required by the Engineer-in-Charge without any extra cost. Besides this, he will carry out tests from outside Laboratory as per instruction of Engineer-in-Charge. The cost of all such tests shall be borne by the agency in accordance with Clause 18 of Printed Tender Form and hence the same must be considered at the time of quoting rate.

C.41 Approval of Sample :

Samples of all materials to be supplied by the contractor and to be used in the work shall have to be approved by the Engineer-in-Charge and checking the quality of such materials shall have to be done by the concerned Department or as directed by Engineer-in-Charge prior to utilization in the work.

C.42 Rejection of materials :

All materials brought to the site must be approved by the Engineer-In-Charge. Rejected materials must be removed by the Contractor from the site within 24 hours of the issue of order to that effect. In case of non-compliance of such order, the Engineer-In-Charge shall have the authority to cause such removal at the cost and expense of the contractor and the contractor shall not be entitled to claim for any loss or damage of that account.

C.43 Defect Liability Period and Defect Liability Certificate :

The defect liability period (as specified in Clause 17 of Printed WBHB Tender Form) calculated from the date of issue of taking over certificate / certificate of completion of work (whichever is later) for whole of the works comprised in the contract.

The contract shall not be considered as completed until a defect liability certificate shall have been signed by the engineer-in-charge and delivered to the employer with a copy to the contractor, stating the date on which the contractor shall have completed his obligations to execute and complete the works and remedy any defects therein to the satisfaction of the Engineer-in-charge.

C.44 Liquidated Damages / Compensation for Delay :

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 of notice to commence work. The work shall throughout the stipulated period of the contract be proceeded with all due diligence (time being deemed to be of the essence of the contract on the part of the contractor). The contractor shall commence works within **7 (seven) days** from the date of notice to commence work and ensure good progress conforming to the milestones achievement of the programme as stated in 'Contract Data'.

If the contractor fails to comply to achieve the milestones of targets stated in Contract Data within specified time period, for such default or delay in execution, the contractor shall be liable to pay as Liquidated Damages/ Compensation for delay as specified in clause 2 of the Conditions of Contract in WBHB Tender Form.

C.45 Tender Rate :

s quoted by the Contractor on the

priced schedule of probable item of work. The quantities for various other items of works as shown in the priced schedule of probable items of works are based on the drawing and design prepared by the Department. If variations become necessary due to design consideration and as per actual site conditions, those have to be done by the contractor at the time of execution at the rate prescribed in the tender condition. **No conditional rate will be allowed in any case.**

C.46 Incidental and other charges :

The cost of all materials, hire charges to Tools and plants, labour, Corporation/Municipal Fees for water supply, Royalty or road materials (if any), electricity and other charges of Municipalities or statutory local bodies, ferry charges, Toll charges, loading and unloading charges, handling chargers, overhead charges etc. will be deemed to have been covered by the rates quoted by the contractor inclusive of also GST etc as applicable . All other charges for the execution of the specified work, including supply of materials and related carriage, complete or finished in

all respect upto the entire satisfaction of the Engineer-in-charge of the work. No claim extra claim in this regard beyond the specified rate as per work schedule whatsoever in this respect will be entertained.

C.47 Charges and fees payable by contractor :

a) The contractor shall pay all fees required to be given or paid by any statute or any regulation or by-law of any local or other statutory authority which may be applicable to the works and shall keep the department immune against all penalties and liabilities of every kinds for breach of such statute regulation or law.

b) The Contractor shall save, harmless and indemnify the department from and against all claims, demands, suit and proceedings for or an account of infringement of any patent rights, design, trade mark of name of other protected write in respect of any constructional plant, machine, work, materials, thing or process used for or in connection with works or temporary works or any of them.

C.48 Implied elements of work in items :

Except of such items as are included in the Specific Priced Schedule of probable items and approximate quantities no separate charges shall be paid for traffic control measures, shoring, shuttering, dewatering, curing etc. and the rates of respective items of works are to be deemed as inclusive of the same.

C.49 Realization of Departmental claims :

Any sum of money due and payable to the contractor (including security deposit returnable to him) under this contract may be appropriated by the Government and set off against any claim of Government for the payment of sum of money arising out of this contract or under any other contract made by the contractor with the Government.

C.50 Supplementary / Additional items of Works :

Notwithstanding the provisions made in the related printed tender form any item of the work which can be legitimately be considered as not stipulated in the specific price schedule of probable items of work but has become necessary as a reasonable contingent item during actual execution of work will have to be done by the Contractor, if so directed by the Engineer-in-Charge and the rates will be fixed with manner as stated below: -

(a) Rate of Supplementary items shall be analyzed in the 1st instant extended possible from the rates of the allied items of work appearing in the tender schedule.

(b) Rate of supplementary items shall be analyzed from the rates of the allied items of work appearing in the unified respective Schedule of Rates of Public Works Department of probable items of work forming part of tender document. Rates for the working area enforced at the time of Notice Inviting Tender shall prevail.

(c) If the rates of the supplementary items cannot be computed even after applications of clauses from market rates of material,

labour and carriage cost prevailing at the time of execution of such items work. Profit and overhead charges (both together) at 10% (Ten percent) will be allowed only; the contractual percentage will not be applicable.

Unbalanced market rates shall never be allowed.

Contractual percentage shall only be applicable with regard to the portions of the analysis based on clauses (a) & (b) stated above only.

It may be noted that the cases of supplementary items of claim shall not be entertained unless supported by entries in the Work Order Book or any written order from the tender accepting authority. In the event to any dispute regarding rates determined on analysis for any altered, additional or substituted work under this clause, the decision of the Joint Director shall be final and binding.

The provisions of this clause, in so far as inconsistent with those of clause 12 of Printed Tender Form, shall be deemed to supersede the inconsistent portion of the said clause 12.

C.51 Payment of Bills :

Any Payment against the Work done by the Contractor under this contract shall be paid to him by WBHB in accordance with and in the manner provided in this contract.

51.01 Rate quoted shall be inclusive of clearing site including removal of surplus (both serviceable and unserviceable) earth, rubbish, materials etc. as per direction of the Engineer-in-Charge.

51.02 Rate quoted shall be inclusive of West Bengal Sales Tax, Income Tax, Octroi and all other duties, if any.

51.03 Display board (Informatory) of size 150cm X 90cm is to be provided at starting and end chainage of the work-site with aluminium plate hoisted on steel tubular pipe/ angle post to a height of 1.5 Metre at the cost of the contractor including fitting, fixing, painting, lettering etc. complete as per direction of Engineer-in-Charge.

51.04 The Contractor is to display caution board maintaining I.R.C. norms at his own cost as per direction of Engineer-in-Charge.

C.52 Deduction at Source from the contractors' bills :

52.01 Labour welfare Cess may be deducted @ 1(one) % of gross bill value as per rule.

52.02 Income Tax will be deducted from each bill of the contractor as per applicable rate and rules in force.

52.03. taxes and duties will be deducted from each bill of the contractor as per applicable rate and rules in force.

52.04. The whole work will have to be executed as per Departmental drawings available in this connection at the tender rate.

C.53 Refund of Security Deposit / Retention Money :

The security deposit / Retention Money shall be refunded to the contractor in the manner provided in clause 17 of the Conditions of Contract of WBHB Tender Form i.e as furnished herein under:-

- (i) **30%** of the security deposit shall be refunded to the contractor on expiry of **3 years** after the issuance of certificate of completion/taking over certificate of work;
- (ii) Further **30%** of the security deposit shall be refunded to the contractor on expiry of **two years**;
- (iii) The balance **40%** of the security deposit shall be refunded to the contractor on expiry of **three years**;

Explanation :-

The word 'work' means and includes road work, bridge work, building work, sanitary and plumbing work, electrical work and/ or any other work contemplated within the scope and ambit of this contract. The work may be of original or special repair in nature or a combination thereof, or of original or special repair in nature in combination with the work(s) of repair and / or maintenance in nature; Provided that in respect of the work of repair or maintenance in nature or a combination thereof, the words **three years** wherever appearing in this Clause shall be deemed to be **one year** and in which case the security deposit of the contractor held with the BOARD under the provision of **Clause 1** hereof shall be refundable to the contractor on expiry of **one year** after the issuance of certificate of completion of work by the Engineer in-Charge.

ate or cash memo for sale in that
-Charge failing which necessary

However, on completion of the whole works, the contractor may substitute Retention Money / Security Deposit with an "on demand" Bank Guarantee in favour of WBHB in the prescribed format.

C.54 Royalty:

The Contractor will have to submit the receipt of payment of royalty to the Government for use of sand, stone materials, laterite, Moorum, gravel, etc. to the Engineer-in-Charge before preparation of bill for payment, when they collect the materials directly from the source. If they collect the materials from the authorised quarry holder or commercial establishment who directly or indirectly pay the royalty to the Government, necessary certificate

deduction from the dues of the contractor may be made as fixed by the Engineer-in-Charge.

C.55 Night Work:

The contractor shall not ordinarily be allowed to execute the work at night. The contractor may however, have to execute the work at night, if instructed by the Engineer-in-Charge. For true technical or emergent reasons, the work may require to be executed during the night also according to the instruction of the Engineer-in-Charge. In that case the contractor shall have to arrange for separate set of labour with sufficient and satisfactory lighting arrangement for the night work. No extra payment whatsoever in this respect will be made to the contractor.

C.56 ELECTRICAL WORKS :

(a) The work shall have to be carried out complying in all respects with the requirements of the Indian Electricity Rules in force for the time being.

(b) The work will have to be carried out simultaneously with building work and will have to be continued till it is completed satisfactorily along with the completion of essential portions of the building work. If any alteration is found necessary, the contractor will have to do the same within the tendered rates with prior consent from EIC/ Deputy Director(Electrical)

(c) The work shall be carried out in the best workmanlike manner.

(d) The contractor shall employ adequate labours to complete the work within the Scheduled time and shall make his own arrangements for housing labour and storing materials etc.. A full time experienced electrical Supervisor having electrical supervisor's license issued by the licensing board of respective state shall be employed by the Contractor who will remain at site of work to receive orders or any other instructions from the Engineer-in-charge. The Contractor shall satisfy the Engineer-in-charge that he has trained labour for doing the intended works. The Engineer – in Charge shall have the right to stop the work if the Contractor's Supervisor is not present when the work is being carried out.

(e) All materials used in the work shall be as per the specifications of relevant item of work and conforming to the relevant specifications of BIS.

(f) For wiring colour code for phases and others should be strictly maintained.

(g) The material of approved make shall be acceptable. If the Contractor wishes to use any material of any other make/ type, he must obtain permission of the Engineer- in- Charge in writing.

(h) The Contractor must possess a valid electrical contractor's license with Electrical Supervisor holding Supervisor competency on the parts 1,2,3,4,5,6(A), 6(B), 7(A), 7(B),9, 11 & 12 issued by the Licensing Board of the concerned State Government for the type of work he shall execute, valid trade license

(i) The work to be provided for by the contractor unless otherwise specified shall include but not limited to the following:-

(I) To furnish all labour, supervision, materials, scaffolding, tools, tackles, consumables and their transportation etc. for proper execution of the work in all respect as per the specifications and schedule of items. Only authorized and qualified persons, competent to undertake such work under the Rules and Regulations of the local electric supply authority shall carry out the electrical installation.

(II) To obtain approvals on the layout drawings/ at site from the Engineer- in- Charge before commencement of the work.

(III) To furnish samples for approval including arranging necessary tests as directed by the Engineer- in Charge in an approved laboratory.

(j) **Safety** : For the work of Lightning Conductor (LC) and EI work in Lift Shat/Hoist way, all necessary precautionary measures must be taken for the safety of workmen doing such work in order to avoid any accident. For the work of Lightning Conductor (LC), all workmen must use safety belt. All workmen doing Lightning Conductor (LC) work must be insured by Insurance company during the period of execution of work and photocopy of the Insurance must be submitted to the Engineer- in- Charge before commencement of the work. Failing to submit the same before the Engineer- in- Charge, the Engineer- in- Charge shall have the right to stop the work.

Deputy Director (EP) III

West Bengal Housing Board.

WEST BENGAL HOUSING BOARD

SECTION - 4

CONTRACT DATA

1. The Employer is WEST BENGAL HOUSING BOARD
Represented by - Deputy Director (EP)
West Bengal Housing Board.
Address "ABASAN"
105, S.N. Banerjee Road.(3th floor)
Kolkata-700014 , West Bengal
2. The Engineer-in-Charge is - Deputy Director (EP)III for Civil work
,
Address "ABASAN"
105, S.N. Banerjee Road.(3th floor)
Kolkata-700014 , West Bengal
3. The Defects Liability Period As per relevant Clause
4. The Start Date shall be 15 days from the date of issue of 'Notice to proceed with the work' (i.e. Work Order).
5. The Intended Completion Date for the whole of Works is 2 months from date mentioned in the Work Order as per following Milestones :

Milestone dates:

Physical works to be completed

Period from the start date

Milestone 1 i.e. 25%

35% of the stipulated time

Milestone 2 i.e. 50%

65% of the stipulated time

Milestone 3 i.e. 75%

85% of the stipulated time

6. The Site is located at 24 pgs(S)
7. The works shall consist of Repairing & Renovation works. The works shall, inter alia, include the following,
as specified or otherwise directed:

Civil Works :

Site clearance;

maintaining lines and levels as per supplied drawings, all aspects of quality assurance of various components of the works, rectification of the defects in the completed works during the Defects Liability /Security Period, submission of any other related documents; and other item of work as may be required to be carried out for completing the works in accordance with the drawings and provisions of the contract to ensure safety.

8)Other Works :

Any other items as required to fulfill all contractual obligations as per the Bid documents.

9. The following documents shall form part of the Contract:
 - i) Letter of Acceptance, Notice to proceed with the work(i.e. work order).
 - ii) NIT with all addenda-corrigendum,
 - iii) Instruction to Bidders (Section-1)
 - iv) Filled up forms of Qualification Information(Section-2)
 - v) Special Terms & Conditions(Section-3)
 - vi) Contract Data (section-4)
 - vii) Technical Specification(Section-5)
 - viii) Drawings(Section-6)
 - ix) Contractor's Bid
 - x) Bill of Quantities (BOQ)
 - xi) Any other document forming part of the Contract.
 - xii) Agreement.
10. The law which applies to the Contract is the law of Union of India.
11. The language of the Contract documents is English
12. The Schedule of Key Personnel as per Form-IV, Section

13. The site possession Dates shall be **7 days** from the date of issue of Work Order.
14. The period for submission of the work programme for approval of Engineer-in-Charge shall be 21 days from the issue of Letter of Acceptance.
15. The period between programme updates shall be 90 days
16. The currency of the contract is Indian Rupees.
17. The proportion of payments retained (retention money) shall be 8% from each bill subject to a maximum of 10% of final contract price.
18. The following events shall be fundamental breach of contract:
 - a) The contractor has engaged sub-contractor without approval of Engineer-in charge.
 - b) Non-engaging the required key personnel as mentioned in the Contract.

**Deputy Director (EP) III
West Bengal Housing Board.**

WEST BENGAL HOUSING BOARD

SECTION-5

Technical Specification

D. 1. General:

The information given hereafter is without any prejudice. The intending bidders should satisfy themselves regarding the latest conditions of the site and its surroundings by personal check and investigation.

D. 2. Name of Work: Repairing and rectification work at (G+IV) storied residential Apartment Building (Anusua H P) including all infrastructure civil works at Sarsuna, Behala, District South 24 Parganas, Kolkata – 700091, under West Bengal Housing Board.

D. 3. Location of Work site:

The work site is located at 24Pgs(S)

D. 4 Site Condition :

The contractor before tendering must visit the site and satisfy himself as to the extent of the proposed construction difficulties and problems, if any, to start, to continue and complete the work within the time as stipulated in this tender without dislocation of normal traffics during day as well as to night. No interruption in works due to any site condition shall be engaged as to complete the work in time. The execution of the work should however be planned and phased so that there are no undue hazards to the movement of normal traffic over the road. No additional payment will be entertained on this account. Difficulties and inconveniences in transporting materials over the bad roads, Kutcha roads, incomplete roads and over the weak and damaged culverts should be taken into consideration by the Contractor. The materials for the work may be required to carry over kutcha roads. These approach roads should be maintained by the Contractor at his own cost.

Difficulties in collection of different materials in lot, over the road flank due to insufficient space if there be, be noted by the bidder. No rate or time will be allowed on these accounts as stated. The bidder should quote his rate taking into consideration regarding security of the materials. Nothing would be entertained under any circumstances beyond the respective tendered provisions.

D. 5. Working condition:

During execution of work, contractor will remain responsible for providing unhindered passage to traffic on road adjacent to site, providing lighting and guarding arrangement during night for safety and no extra cost will be paid on this account.

Work may be required to be executed at night also. Accordingly sufficient lighting arrangement is to be made by the bidder and the cost of such arrangement shall be deemed to have been included in the rates of relevant items.

It is to be noted that there will not be any electrical facility at work site. Bidder should make his own arrangement for water, necessary power of pumps etc. and the cost for such arrangement shall be d lighting, welding, running of

eemed to have been included

in the rates quoted by the bidder.

Work shall have to be executed in accordance with the rules and regulations in vogue of Government of West Bengal and local Authorities.

D. 6. Specifications:

Details of Specifications to be followed in the Proposed Construction are given here-in-after in the Price Schedule(BOQ). Unless otherwise stipulated in the BOQ or Technical Specification of this Tender, all the works are to be done as per General Specification of "Schedule of Rates" for Building and S&P Works of Public Works Department, Public Works (Roads) Department, and Latest editions of the Indian Standard Specifications and codes of practice. Otherwise, the Latest edition of the book of 'Specification for Road and Bridge Works' of the M.O.R.T. & H., or CPWD Specification – 2009, Vol-I & Vol-II will be followed as mentioned in **Sl. No. C. 1.** of special terms & conditions of contract of this bid documents (Section – 3).

D.7. Codes of Practice:

Latest editions of the Indian Standard Specifications and codes of practice – some of which are mentioned below and as per departmental schedule of rates as mentioned in Sl. No. C. 1. of special terms & conditions of contract of bid documents (Section – 3) are to be followed during execution of the works.

- (i) IS 456 : Code of Practice for plain and reinforced concrete.
- (ii) IS 800 : Code of practice for general construction in steel.
- (iii) IS 2751 : Code of Practice for Welding of Mild Steel Plain and Deformed Bars for Reinforced Concrete Construction.
- (iv) IS 383 : Specification for coarse and fine aggregates for natural sources for concrete..
- (v) IS 432 : Mild steel and medium tensile steel (Part-I) bars and hard drawn steel wire for concrete reinforcement.
- (vi) IS 4990 : Indian Standard Specification for concrete shuttering works.
- (vii) IS 1904 : Code of practice for design and construction of foundations in soils
- (viii) IS 2750 : Specification for Steel Scaffoldings.
- (ix) IS 1161 : Specification for steel tubes for structural purposes.
- (x) IS 3764 : Safety Code for excavation work.
- (xi) IS 2911(pt-I,Sec-2)-1979 : Code of Practice for design and construction of pile foundations concrete piles bored cast- in-situ bored piles.
- (xii) IS 2911 (pt-4) : Load testing of piles.
- (xiii) IS 1200 (pt-XXII) : Method of measurements of piling
- (xiv) IS 5121 : Safety Code for piling & other deep foundations..

D. 8. Detailed Specification:

D. 8.1. Materials for civil work / structures:

All materials to be used for structure must be procured, stored and tested before use conforming to respective Clauses of prevailing codes of practice.

D. 8.1.1. Cement:

Ordinary Portland cement of 53/43 grade conforming to IS 12269 shall be used for grade of concrete M-35 and above as per guide line of p.w.d schedule of rates 2014- 15

D. 8.1.2. Coarse aggregate:

Coarse aggregate shall conform to the specifications laid down in IS 383.

D. 8.1.3. Fine aggregate:

Fine aggregate shall conform to the specifications laid down in IS 383.

Samples of coarse and fine aggregates proposed to be used by the Contractor must be deposited with the Engineer-in-Charge for his approval. The Samples shall be fair indications of the general quality and shall be delivered in 3 (three) nos. 450 GMs bottles.

On approval of samples one set will be retained by the Engineer, one set shall be sent to his representative at site of works and the third set shall be returned to the contractor for keeping in his site office. Any consignment which in the opinion of the Engineer-in-Charge does not conform with the approved samples should be, if so directed, immediately removed by the Contractor at his own cost.

D. 8.1.4. Water:

Water shall be potable, free from any harmful chemicals or suspended materials.

D. 8.1.5. Steel Reinforcement:

All steel reinforcement shall conform to the provisions contained in IS 1786-1987. For reinforced concrete work in any part of the structure the provisions of IS 456-2000 will apply.

D. 8.1.6. Pre-stressing Steel:

Pre-stressing steel shall be uncoated stress relieved low relaxation seven ply strand conforming to IS 14268.

D. 8.1.7. Sheet Pile:

Sheet Pile shall conform to IS 9527 (Part – 3), IS 2062, IS 2314 - 1983.

D.8.1.8. Structural Steel work:

Structural steel shall conform to IS 226.

D.8.2. Concrete:

Concrete must be produced and laid conforming to relevant clauses of IS 456. When concrete is specified by strength, it is termed as "Design Mix Concrete" or "Grade of Concrete". Such concrete is that in which the design of mix. i.e. determination of the proportions of cement, aggregates and water is arrived at to have a Target Mean strength for each grade of concrete.

D. 8.2.1. Mix Design:

The Mix design shall be done by the contractor as per IS 10262 (Recommended guide lines for mix design) and I.S. SP-23 (S&T) - 1982 (Hand Book on concrete Mix) and I.S. 383-1970.

However, for guidance it is to be noted that the mix and water cement ratio shall be arrived at after preliminary tests which shall be done as per relevant clause of IS 456.

The Engineer-in-Charge will approve the final design and job mix in accordance with stipulations of IS 456. The Contractor shall stick to the job mix formula approved by the Engineer-in-Charge. However, the same may be modified only with specific written permission of the Engineer-in-Charge.

accuracy of measuring devices, criteria laid down below shall have to be followed:

The accuracy of the measuring devices shall fall within the following limits:

Measurement of Cement $\pm 3\%$ of the quantity of cement in each batch.

Measurement of Water $\pm 3\%$ of the quantity of water in each batch.

Measurement of Aggregate $\pm 3\%$ of the quantity of aggregate in each batch.

Measurement of Admixture $\pm 3\%$ of the quantity of admixture in each batch.

D. 8.2.3. Admixture:

To improve the workability of concrete and cement grout, admixtures conforming to I.S. 6925 and I.S. 9103 may be used on specific written permission of the Superintending Engineer. Admixtures generating Hydrogen, Nitrogen etc. shall not be used. The cost of admixtures and labour for mixing the same shall be deemed to have been included in the rates quoted for respective works.

D. 8.2.4. Transporting, placing and compacting Concrete:

Concrete shall be transported from Batching Plant to the work site by transit mixture. The same shall then be poured on to the formwork by concrete pump (except in case of piles). **Relevant clauses of IS 456 shall have to be followed for transporting, placing and compacting concrete.** Unless specially permitted by the Engineer-in-Charge, concrete shall not however, be dropped from a height of more than 1.850 M.

D. 8.2.5. Construction Joint:

Concreting shall be carried out continuously upto construction joints, the position and arrangements of which shall be predetermined by the Engineer-in-Charge or his representative. Any intermediate rest/pause shall also be subject to his approval. All construction joints shall have to be provided as per relevant clause of IS 456 – 2000.

D. 9. Concreting at Night:

All concreting work should be so programmed as not to necessitate the work at night. If for any reason, this becomes imperative, the contractor shall obtain previous permission of the Engineer-in-Charge or his representative and make proper lighting arrangement to his satisfaction without any extra claim thereof.

D. 10. Record keeping of Concreting:

A record showing the proportion, type of batching, type of aggregates used, the time and date of placing concrete and the approximate quantity placed (together with other relevant details) in each portion of the structures shall be kept. This record shall be prepared in duplicate by the contractor in the form and manner to be decided by the Engineer-in-Charge. The Contractor shall submit the record promptly to the Engineer-in-Charge or to his representative who will accept the same after verification and retain one copy, the other copy being retained by the Contractor.

D. 11. Curing of Concrete:

Concrete shall be cured properly and protected from any harmful effects. Stipulations of relevant Clauses of IS 456 shall be strictly adhered to.

D.12. Testing of Concrete for R.C.C. / P.S.C. Works:

te mix and testing the quality

of concrete going into the job.

Test cube shall be prepared as per IS-1199. 150 mm cubes shall be made, cured & tested at 7 days and at 28 days for compressive strength conforming to IS-516. Strength of concrete at 7 days age can be converted to 28 days as per IS: SP-24.

The contractor shall make all arrangements and do everything necessary for proper making and curing the test specimen under the direction, supervision and control of the Engineer-in-Charge or his representatives at their cost.

The Engineer-in-Charge or his representative may at any time direct the contractor to make specimen from the concrete actually going into the job. The contractor shall forthwith comply with that direction.

D. 13. Acceptance Criteria of Concrete:

Acceptance criteria shall conform to relevant clauses of IS 456.

Where the cube strength falls below the allowable strength specified and the Engineer-in-Charge on the basis of test results is satisfied that the concrete deficient in strength is acceptable, the Engineer-in-Charge shall have full power in his absolute discretion to reduce the rate as a penal measure.

D. 14. Reduced Rate for under-specified Concrete:

The contractor shall remain fully liable for producing concrete of specified strength. In case the concrete is found to be acceptable as under-specified work due to deficiency in strength of concrete and is accepted by the Engineer-in-Charge reduction in rate may be applied as under.

$$\text{Percentage reduction} = \frac{\text{Design Strength} - \text{Observed Strength}}{\text{Design Strength}} \times 100$$

If the deficiency in strength of concrete is beyond tolerable limit the Engineer-in-Charge may at his discretion direct the portion of concrete certified by him so deficient in strength to be replaced by concrete of specified strength at the Contractor's cost.

The Engineer-in-Charge may also at his discretion allow deficient concrete to remain but the deduction on account of such deficiency in strength shall be made above.

D. 15. Additional Tests of Concrete:

For any substandard concreting due to bad workmanship, honeycombing, bulging etc. and also due to concreting found deficient in strength, the Engineer-in-Charge may conduct additional tests, if required, in the opinion of the Engineer-in-Charge for testing the flexural strength, durability and other required parameters of the concrete on cored samples or on the newly constructed structure. The following are the examples (not exhaustive) of tests. Any number of the tests may be carried out as decided by the Engineer-in-Charge. The contractor shall arrange for the test and bear the cost of the same, as per direction of the Engineer-in-Charge. If the newly constructed concrete structure fails to attain the desired strength, durability and other properties of the concrete by any one of the tests stated in Cl. No. D. 16.1., the Engineer-in-Charge shall have discretion to get the defective portion replaced or rectified at the contractor's cost. In such cases the decision of the Engineer-in-

D. 15.1.1. Surface hardness Tests:

They include the William's Testing Pistol, Frank Spring Hammer, Einbeck Pendulum hammer.

D. 15.1.2. Rebound Test:

Schmidt rebound Hammer.

D. 15.1.3. Penetration Techniques:

These include the smitz Hammer, Split Pin and Windsor probe.

D. 15.1.4. Dynamic or Vibration Tests:

These include resonant frequency and mechanical sonic and ultrasonic pulse velocity methods. They include the Sonometer, the PUNDIT equipment and ultrasonic pulse velocity measuring equipments.

D. 15.1.5. Magnetic Methods:

They include the Pachometer and Covermeter.

D. 15.1.6. Chemical tests to obtain cement content, Aggregate ratio and grading:

The above tests shall be carried out by any approved laboratory or firm.

D. 16. Mode of Measurement for Payment of Concrete:

Payment shall be made on volume of concrete as per recorded measurement. Cost of cement, stone chips, sand and any admixture, cost of transportation of concrete, and its placement using pumps etc. and any other allied items of work, excluding reinforcement, pre-stressing steel and other accessories shall be deemed to have been included in the rate.

D. 17. Shuttering:

Form work must conform to Clause Nos.1501 to 1513 under Section 1500 of specification for road and bridge works – 4th revision published by I.R.C. Shuttering shall be of approved type with hard wood timber planks true to line with smooth surface and not less than 37.5 mm thick with 4 mm thick plywood lining over the planks. The plywood shall conform to IS 4990–1993. However, as an alternative, sufficiently rigid steel shuttering may be used, if so desired or approved by the Engineer-in-Charge.

All shuttering and framing must be adequately stayed and braced to the satisfaction of the Engineer-in-Charge for properly supporting the concrete during the period of hardening. It shall be so constructed that it may be removed without shock of vibration to the concrete.

Drawings showing shuttering details together with supporting design calculation in detail should be submitted by the contractor to the Engineer-in-Charge for his approval before taking up the work.

Before concrete is placed, the shuttering must be coated with an approved preparation for preventing the adhesion of the concrete to the shuttering and it is to be of such a nature and so applied that the surface of the finished concrete is not stained. Cares should also be taken that such approved preparation shall be kept out of contact with the reinforcements. The interior of all moulds and boxes must be thoroughly washed with a hose pipe or otherwise so as to be properly cleaned and free from all extraneous matter previous to the deposition of concrete.

D.17.1 Mode of Measurement for Payment:

Separate payment shall be made for shuttering, if not otherwise mentioned. Wherever necessary, shuttering and staging must be provided. Unless otherwise stated no payment will be made for such shuttering or staging and the cost thereof will be deemed to have been covered by the rate for relevant finished item of work. Where Payment for shuttering has been

specified, the rate shall be deemed to cover the cost of the necessary staging as well. Payment if any, for shuttering will be on the basis of surface area of shuttering in actual contact with concrete.

D. 18. Finishing of Concrete Surface:

As soon as the shuttering has been removed, the visible surface of the concrete shall be rubbed down to perfectly smooth finish, free from all irregularities. The finish must be produced by using any of the methods specified in the specifications and codes of practice. No separate payment will be made for finishing surfaces.

D. 19. Steel reinforcement for structure:

This work shall consist of furnishing and placing reinforcement of the shape and dimensions shown on the drawings and as specified in Clause Nos. 1601 to 1609 under Section 1600 of Specifications for Road and Bridge Works 4th – revision published by IRC.

Generally TMT bars of grade Fe 415/500 shall be used for the structure.

The Contractor's rate shall include the cost of reinforcements and cost of carriage for steel materials to work site, labour for cutting the bars to correct length, bending cold to shape, placing and fixing in the position as shown in drawing with black annealed wire of approved gauge securely tied at every inter-section or as directed. The contractor shall without extra charge provide all other support and fixing required and shall take precautions that all such temporary fixings are removed before the concrete is put in the mould. The contractor's rate shall also include any initial straightening of the bars if necessary and removing loose rust or scales, if any, and other incidental works in this connection. It should also include the cost of supply of black annealed wire of approved gauge required for tying reinforcement. Cost of spot or running welding as and when provided as per direction of the Engineer-in-Charge for lap splice shall be included in the rate.

D. 19.1. Mode of Measurement for Payment:

Payment shall be made on weight of reinforcement steel including quantity for laps and splices.

D. 20. Earth Work in excavation:

D. 20.1. Specification laid down in PWD schedule of rates shall be followed.

D. 20.2. Mode of Measurement for Payment:

Payment shall be made on the volume of earth excavated. The rate shall include cost of dumping the excavated earth within a lead of 50 M.

D. 21. Welding:

Welding shall conform to the specifications laid down in relevant IS codes of practice.

N.B. Specifications of any item of works not covered here in above shall be guided by the P.W.D. / P.W. (Roads) Directorate's Schedule of Rates in force at the time of N.I.T. and latest edition of relevant Indian Standard Specifications and Codes of Practice. In case of non-availability of item specification in the said Schedule of Rates, the Latest edition of the book of 'Specification for Road and Bridge Works' of the M.O.R.T. & H., or CPWD Specification – 2009, Vol-I & Vol-II will be followed.

D.22.7 Concreting Materials

Unless otherwise stated herein all aspects of the concrete work including materials, specifications, preliminary mix designs, workmanship and inspection testing stipulated in specifications of "plain and reinforced concrete" shall apply.

Ordinary Portland cement of 53/43 grade conforming to IS 12269 shall be used for grade of concrete M-35 and above as per guide line of p.w.d schedule of rates 2014- 15 unless specified otherwise.

Maximum size of aggregates shall be 20 mm.

. Three of the six cubes constituting one test shall be tested on the 7th day from casting the cubes and the remaining three cubes shall be tested on the 28th day after casting.

ENGINEER - IN - CHARGE reserves the right to reject any concrete work of deficient concrete strength. Such rejected concrete shall be replaced by the contractor at his own cost

ENGINEER - IN - CHARGE also reserves the right to order change in the mix design and/or water cement ratio to obtain the specified strength or workability.

D.22.8 Reinforcement

- a) All reinforcement for use in the concrete work shall be as per drawing, duly tested

**Deputy Director (EW)-Sarsuna,
West Bengal Housing Board.**

ADDITIONAL TERMS AND CONDITIONS TO
THE N.I.T. CONTRACT DOCUMENTS :-

Contract documents shall consist of the following and tenderers shall have submit one copy of each of the same along with their tenders duly signed by then, without which tenderers are liable to rejection.

- a) The details Notice Inviting Tender hereinafter referred to as the Tender Notice.
- b) General rules and directions and conditions of contract herein after referred to as Tender From
- c) Special Terms and conditions and specification.
- d) Specific priced schedule of probable items with approximate quantities.

2. i) A tenderer is to quoted his rate of figures as well as in words at percentage below/ above/ or AT PER with the rates shown in the specific priced schedule of probable items with approximate quantities.

One of the following is to be in scribed on the pagr-3 of the Tender form.

a) I/We agree to carry out the work mentioned in the memorandum at per with the rate shown in the specific priced schedule of probable items with approximate quantities.

b) I/We agree to carry out the work mentioned in the memorandum at% (percent)

Above/ Below then the rates shown in the specific priced schedule of probable items with approximate quantities. The said quotation in the exact of any of the forms (s) and (b) above must be written on pages-3 only of the Tender Form the lower held of page-3 of the Tender Form should be ignored and the quantities in the specified in the specified Form written across, the full width of the pages. The quotation shall be clearly and legibly written and the whole written must be by the hand of the person signing the tender and with the same per and ink. Fail our to do may invalidate the tender.

Erasing or over written shall not be allowed. The condition may be suitable relaxed in case of tender unable to write in English. Correction in the quotation should be avoided and if this becomes unavoidable, the entire rate (and note portion only) shall be scared out and signed (not simply initialed) by the tenderer in token of such cancellation, A fresh rate in one of the specified manner, shall then be corsetry written.

ii)In the event of the tender being submitted by a firm it must be signed by a member or members of the firm having legal Authority to do so, and if called for, legal document in support hereof must be produced for inspection and same in case of firm carried out by one member of a joint family, it must displace that the firm is duly registered under the Indian partnership Act. Any tender signed by a member not holding power of Attorney shall be treated informal. Before submission of the Tender the tenderer must see that the memorandum at page-3 of the tender Form is properly filled in and all particulars given. The tenderer must sign in the space allowed on.....

(2)

Page-4 of the printed Tender Form and the declarative by tender (at Page-10) at the end of the(SPECIAL TERMS AND CONDITION).

The signature on page-4 of the printed Tender form must be properly witnessed in the space allotted for the purpose. The tenderer must also sign at the bottom of each page of the printed tender form and OTHER TENDR DOCUMENTS. OVERWRITING SHALL NOT BE ALLOWED. All corrections, additions, alternations etc. must be duly signed, when tenderer tender in any language other than English, the rate quoted by him shall also be written in the same Language. In addition he shall furnish a certificate to the effect that all the stipulations, of the tender documents have been fully and clearly explained by him to the tenderer.

3) a) Earnest Money as per clause of N.I.T. above deposited in Bank Draft on a Kolkata Bank Drawn in favour of West Bengal housing Board. Must accompany each tender without which tender will not be considered at all.

b) No Cash or cheque or challan or Token will be accepted for Earnest Money.

4)Deduction of Cess.

Deduction of CESS from the contractor's Bills for the purpose of the purpose of the Building and other construction worker's (Regulation of Employment and other conditions of Service Act. 1996 will be deducted @ 1% of the cost of construction.

5)DEDUCTION OF INCOME TAX

DEDUCTION OF INCOME Tax from contractor's Bills should be made as laid down in Memo No. F No. 275/91972, I.T.O dt. 29.05.72 of Ministry of Finance (Deptt. of Revenue & Insurance), Govt. of India with its amendments, if any.

6)DEDUCTION OF SALES TAX

Deduction of sales Tax from contractor's Bills should be made as per relevant acts and rules.

7)SERVICE TAX

Service Tax be reimbursed provided the Agency is having service Tax Registration.

8) canvassing in connection with tender is strictly prohibited and the tenders submitted by the contractor's who resort to canvassing, will be liable to rejection.

9)REJECTION OF TENDER

Tender which does not fulfill any of the above conditions are incomplete and are liable to rejection.

10)OPENING OF TENDER.

The tender which should always be placed in sealed cover with the same of work written on the envelope, will be received by the concerned Jt. Director(EW)- /Dy. Director(EW) W.B.H.B. his office and will be publicly, opened by the authority receiving tenders or by his authorities representatives, fifteen minutes after the closing time of receipt of tender or as soon as possible thereafter in the presence of such tenderers or their authorized representative who may be present.

11)ACCEPTANCE OF TENDER.

The acceptance of the tender will rest with West Bengal Housing Board which does not bind itself to accept the lowest tender and reserves to itself the authority to reject any or all the tenders received, without assigning any reason thereof.

(3)

12) VALIDITY OF TENDER

The rates quoted by tenderer must remain valid for 120 days from the date of dropping of tender if the tenderer withdraws his offer before that period, he shall be disqualified for submission of any tender to West Bengal Housing Board for minimum period of one year and his earnest Money will be forfeited to the West Bengal Housing Board.

13) COPIES OF AGREEMENT:

The successful tenderer will have to submit the following copies of the contract documents within 7 (Seven) days from the date of the receipt of letter of Acceptance of tender. Failure to do so within the specified time, will constitute a breach of the contract rendering the contract liable to termination with forfeiture of security to the extent of the amount of the initial earnest money specified in clause of N.I.T. above, without any reference to the tender.

In addition the tenderer will have to execute an agreement with the Board in non-judicial stamp paper of appropriate value in the Form as specified by the Board.

The amount already deposited as Earnest Money will be converted into security deposit.

Four sets of documents, containing all items of (a), (b), (c) and (d) as mentioned in clause-1 (One) above shall have to be submitted to the concerned D.D.(EP) by the successful tenderer. These will have to be purchased from the office of the concerned D.D.(EP) and price for these sets will be as mentioned in N.I.T.

14) STARTING OF WORKS:

The successful tenderer shall have to start the work within a week from the date of issue of order to commence to work.

15) PROGRAMME OF WORK & CERTIFICATE OF VISIT TO SITE:

a certificate of visit to site and a programme of works showing completion within the specified period of completion of work is to be furnished under signature of the tenderer as per proforma attached. The purpose of visit to site will mean that the tenderer has appointed himself with the site conditions under which the work is to be executed.

If the successful tenderer whose tender is accepted has not got fixed security in respective class with West Bengal Housing Board as per rules shall within 7 (seven) days of receipt of intimation to that effect through registered post by special Messenger, deposit an additional amount in similar manner which together with the earnest money deposited with the tender would be equivalent to required security deposit of 2% (Two) percent of the tendered amount.

The successful tenderer shall ultimately furnish a total security deposit of 10% (Ten percent) of the value of work to be executed, of this 2% (Two percent) shall be obtained as indicated above and the remaining 8% (Eight percent) shall be obtained by recovered from progressive bills, so that the total recovery in the final bill is adjusted to make the total amount of security deposit retained equivalent to 10% (Ten percent) of the total value of work actually executed.

The percent (10%) recovery shall be made from each progressive bill in case of tenderer who has not fixed security with the West Bengal Housing Board in respective class.

Refund of Security Deposit / Retention Money:

The security deposit / Retention Money shall be refunded to the contractor in the manner provided in clause 17 of the Conditions of Contract of W BHB Tender Form i.e as furnished herein under:-

- (i) **30%** of the security deposit shall be refunded to the contractor on expiry of **one year** after the issuance of certificate of completion/taking over certificate of work;
- (ii) Further **30%** of the security deposit shall be refunded to the contractor on expiry of **two years**;
- (iii) The balance **40%** of the security deposit shall be refunded to the contractor on expiry of **three years**; However, on completion of the whole works, the contractor may substitute Retention Money / Security Deposit with an "on demand" Bank Guarantee in favour of WBHB in the prescribed format.

16) Refund of Security Deposit / Retention Money:-

The security deposit / Retention Money shall be refunded to the contractor in the manner provided in clause 17 of the conditions of contract of WBHB Tender Form i.e. as furnished herein under:-

- i) 30% of the security deposit shall be refunded to the contractor on expiry of one year after the issuance of certificate of completion/taking over certificate of work:
- ii) li) Further 30% of the security deposit shall be refunded to the contractor on expiry of two years;
- iii) lii) The balance 40% of the security deposit shall be refunded to the contractor on expiry of three years; However, on completion of the whole works, the contractor may substitute retention Money / Security Deposit with an "on demand" Bank Guarantee in favour of WBHB in the prescribed format.
- iv) **Explanation :-** As per clause 17
The word 'work' means and includes road work, bridge work, building work, sanitary and plumbing work, electrical work and/or any other work contemplated within the scope and ambit of this contract. The work may be of original or special repair in nature or a combination thereof, or of original or special repair in nature in combination with the work(s) of repair and/or maintenance in nature, provided that in respect of the work of repair or maintenance in nature or a combination thereof, the words **three years** wherever appearing in his Clause shall be deemed to be **one year** and in which case the security deposit of the contractor held with the BOARD

17) GENERAL NOTES

Guiding schedule of rates:- Schedule of rates of P.W.D(W.B) schedule of Rates 2017 effective from 01.11.2017, along with corrigendum's (up to 3rd corrigendum-building, sanitary & plumbing) of P.W.D(W.B) schedule-2017 will be applicable on the date of issue of this notice. Rate of item which is not available in above Schedule of Rates has been derived by proper analysis of rate based on market price.

Deputy Director (EP) III

West Bengal housing Board

Name of Work :Renovation of Office Toilets (Ladies & Gents) including Sanitary & Plumbing Works at 3rd. floor of "ABASAN" Building, West Bengal Housing Board, 105 S.N.Banerjee Road, Kolkata - 700014.

SL.No.	Description of Item	Quantity	Unit	Rate (Rs.)	Amount(Rs.)
1	Item No. 1) Dismantling all types of masonry excepting cement concrete plain or reinforced, stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m. (a) 3rd . Floor	3.00	Cu.M	597.00	1791.00
2	Item No. 2) Dismantling all types of plain cement concrete works, stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m. (i) Upto 150 mm thick (a) 3rd.Floor	4.00	Cu.M	1089.00	4356.00
3	Item No. 3) Stripping off worn out plaster and raking out joints of walls, ceilings etc. upto any height and in any floor including removing rubbish within a lead of 75m as directed.	39.50	Sq.M	19.00	750.50
4	Item No. 4) Dismantling E.P.or Anglo-Indian W.C.	3	Each	45.00	135.00
5	Item No. 5) Dismantling wash basin with brackets with or without waste fittings.	4	Each	35.00	140.00
6	Item No. 6) Dismantling urinal.	3	Each	33.00	99.00
7	Item No. 7) Dismantling Foot rest for Indian pattern water closet.	8	Each	18.00	144.00
8	Item No. 8) Dismantling pillar cock of wash basin.	4	Each	9.00	36.00
9	Item No. 9) Dismantling flush pipe of water closet.	3	Each	17.00	51.00
10	Item No. 10) Labour for dismantling G.I. pipe with fittings. (i) 15 mm	25.00	Mtr.	6.00	150.00
11	(ii) 20 mm	15.00	Mtr.	6.00	90.00
12	Item No. 11) Dismantling H.C.I Pipe with fittings including melting lead caulked joints i) 75 mm	20.00	R.M	57.00	1140.00
13	ii) 100 mm	20.00	R.M	64.00	1280.00
14	Item No. 12) Cleaning the walls and ceiling by scraping, sand papering and moothing down the surface including putting.	35.00	Sq.M	17.00	595.00
15	Item No. 13) 125 mm. thick brick work with 1st classbricks in cement mortar (1:4). In superstructure. (a) 3rd floor	35.00	Sq.M	772.00	27020.00
16	Item No. 14) Extra for using approved H.B netting in every third layer in any floor.	35.00	Sq.M	41.00	1435.00
17	Item No. 15) 75 mm. thick brick work with 1st class bricks set in cement, sand mortar (1:4) in ground floor including H.B. netting in every alternate layers. (a) 3rd floor	2.00	Sq.M	540.00	1080.00
18	Item No. 16) Brick work with 1st class bricks in cementmortar (1:6). In superstructure. (a) 3Rd. Floor	0.2	Cu.M	5969.00	1193.80

SL.No.	Description of Item	Quantity	Unit	Rate (Rs.)	Amount(Rs.)
19	Item No. 17) Supplying,hoisting,fitting and fixing R.C.C. precast thin lintels, 75 mm. thick (1:1.5:3) conforming to the specification laid down in C.B.R.I. data sheet No.1 with stone chips, sand, cement and reinforcement (both main and distribution) bars upto 1.00 percent as per drawing and specification including placing in situ and supporting arrangement for taking the load of super-imposed brick work and striking of the same when directed.	0.100	Cu.M	14343.00	1434.30
20	Item No. 18) Wood work in door and window frame fitted and fixed in position complete including a protective coat of painting at the contact surface of the frame exluding cost of concrete, Iron Butt Hinges and M.S clamps. (The quantum should be correted upto three decimals). (a) Sal : Malayasian (a) 3rd floor	0.146	Cu.M	83818.00	12237.43
21	Item No. 19) Supplying, fitting and fixing M.S. clamps for door and window frame made of flat bent bar, end bifurcated with necessary screws etc. by cement concrete(1:2:4) as per direction. (Cost of concrete will be paid separately) (a) 40mm X 6mm, 125mm Length	24	Each	29.00	696.00
22	Item No. 20) Labour for Chipping of concrete surface before taking up Plastering work.	3.00	Sq.M	21.00	63.00
23	Item No. 21) Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and inforcement if any, in ground floor as per relevant IS codes. (i) Pakur Variety (a) 3rd floor	0.250	Cu.M	6463.55	1615.89
25	Item No. 22) Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) any, in ground floor as per relevant IS codes. (i) Pakur Variety (a) 3rd floor	0.600	Cu.M	5919.18	3551.51
26	Item No. 23) Cement concrete with graded jhama khoa (30 mm size) excluding shuttering In ground floor and foundation. (a) 1:3:6 proportion (a) 3rd floor	0.100	Cu.M	5046.00	504.60
27	Item No. 24) Making Exhaust Fan opening in Toilets walls including supplying, fitting & fixing in position 20 mmm thick 225 mm. dia. R.C. Collar of depth of depth 225 mm. reinforced with 14 guage wire and R.C.C. Jaffri flushed with outside surface and finishing the same matching with the existing surface of wall using cement sand mortar (1:4) complete in all respect as per drawing and direction of the E.I.C. (Gr. Floor to 4th Floor)	4	Each	236.00	944.00
28	Item No. 25) Supplying, fitting and fixing 18 mm thick marble partition slab with chawk doongri marbel square cut, both sides polished with two front corners rounded and edges polished. (Gr. Floor to 4th. Floor)	0.60	Sq.M	1426.00	855.60

SL.No.	Description of Item	Quantity	Unit	Rate (Rs.)	Amount(Rs.)
29	Item No. 26) Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary (Ground floor).[Excluding cost of chipping over concrete surface] (A) With 1:6 cement mortar (a) 20 mm thick plaster (3rd floor)	35.00	Sq.M	187.00	6545.00
30	(B) With 1:4 cement mortar (a) 10 mm thick plaster (3rd floor)	6.00	Sq.M	145.00	870.00
31	Item No. 27) Applying 2 coats of bonding agent with synthetic multi functional rubber emulsion having adhesive and water proofing properties by mixing with water in proportion (1 bonding agent : 4 water : 6 cement) as per Manufacturer's specification including cost of cement.	135.00	Sq.M	88.00	11880.00
32	Item No. 28) Supplying, fitting and fixing windows and ventilators with or without integrated grills conforming to IS 1038-1975 and manufactured from rolled steel sections manufactured from rolled steel sections conforming to IS 7452-1974 with non-friction projecting type, box type hinges, glazing clips, lugs locking bracket, handle plate etc, including hoisting in position, required, fixing lugs in cement concrete (straightening if 1:2:4) with stone chips 20 mm down cutting holes and mending good damages to match with existing surface complete in all respect excluding glazing. Flash butt welded windows and ventilators (No shop priming will be allowed to facilitate inspection of workmanship) Without integrated grills. (a) Fixed type steel windows as per IS sizes with horizontal glazing bars. (i) 3rd.	3.00	Sq.M	1562.29	4686.87
33	(b) Openable steel windows as per IS sizes with side hung shutters and horizontal glazing bars with/without fixed type ventilators.[The portion only] (i) 3rd floor	0.30	Sq.M	2278.17	683.45
34	Item No. 29) Extra over the item i) Two point nose steel handle including fitting and fixing.	4	Each	50.00	200.00
35	ii) steel peg stay 300 mm long including fitting and fixing.	4	Each	30.00	120.00
36	Item No. 30) Supplying bubble free float glass of approved make and brand conforming to IS: 2835-1987. i) 4mm thick clear glass.	2.00	Sq.M	398.00	796.00
37	ii) 4mm thick coloured / tinted / smoke glass.	7.00	Sq.M	468.00	3276.00

SL.No.	Description of Item	Quantity	Unit	Rate (Rs.)	Amount(Rs.)
38	Item No. 31) Supplying, fitting & fixing 1st quality Ceramic tiles in walls and floors to match with the existing work & 4 nos. of key stones (10mm) fixed with araldite at the back of each tile & finishing the joints with white cement mixed with colouring oxide if required to match the colour of tiles including roughening of concrete surface, if necessary or by synthetic adhesive & grout materials etc. In Floor With Sand Cement Mortar (1:4) 20 mm thick & 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg/Sq.m & joint filling using white cement slurry @ 0.20kg/Sq.m. Size of Tiles :- 300 mm x 300 mm (Premium Series Mat finish) (i) Coloured decorative A). Area of each tile up to 0.09 sqm (a)3rd floor	20.00	Sq.M	770.00	15400.00
39	Item No. 32) Supplying, fitting & fixing 1st quality Ceramic tiles in walls and floors to match with the existing work & 4 nos. of key stones (10mm) fixed with araldite at the back of each tile & finishing the joints with white cement mixed with colouring oxide if required to match the colour of tiles including roughening of concrete surface, if necessary or by synthetic adhesive & grout materials etc. (A) Wall With Sand Cement Mortar (1:3) 15 mm thick & 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg/Sq.m & joint filling using white cement slurry @ 0.20kg/Sq.m. (a) Area of each tile above 0.09 Sq.m (i) Other than Coloured decorative including white. (a) 3rd floor	92.00	Sq.M	1062.00	97704.00
40	Item No. 33) Rendering the surface of walls and ceiling with white cement based wall putty of approved make and brand(1.5mm thick) (3rd floor)	60.000	Sq.M	110.00	6600.00
41	Item No. 34) Applying Interior grade Acrylic Primer of approved quality and brand on plastered or concrete surface old or new surface to receive Distemper/ Acrylic emulsion paint including scraping and preparing the surface thoroughly, complete as per manufacturer's specification and as per direction of the EIC. i) Water based interior grade Acrylic Primer. (a) Two Coats (3rd floor)	60.00	Sq.M	46.36	2781.60
42	Item No. 35) Supplying, fitting and fixing Fibre Reinforced Polymer(FRP)Composite door shutters as per approved design with glass fibre reinforced plastic moulded skins and a special sandwich core, so as to impart monolithic composite structure as per approved technology of Department of Science and Technology(DST) to satisfy IS:4020 door testing performance criteria. (i) 32 mm. thick. Toilet Doors : (a) 3rd floor	5.50	Sq.M	2805.00	15427.50
43	Item No. 36) Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc. (3rd floor)	6.00	Sq.M	38.00	228.00

SL.No.	Description of Item	Quantity	Unit	Rate (Rs.)	Amount(Rs.)
44	Item No. 37) Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	5.00	Sq.M	29.00	145.00
45	Item No. 38) Stainless Steel Heavy Butt Hinges (SHBH) Size:- 100 mm long 2.5 mm thick of make- SUZU /HONDA or equivalent quality of approved make conforming to relevant ISI specifications, fitted and fixed with steel screws complete as per direction of the EIC.	15	Each	121.00	1815.00
46	Item No. 39) Supplying, fitting and fixing Stainless Steel Tower Bolt (Square- Full covered) (STB-01) of make- SUZU / HONDA or equivalent quality of approved make & brand conforming to relevant ISI specifications, with steel screws complete as per direction of the E.I.C.	2	Each	136.00	272.00
47	(i) 150mm long x 10mm dia. bolt. ii) 250mm long x 10mm dia. bolt.	4	Each	219.00	876.00
48	Item No. 40) Supplying, fitting & fixing door handle of Stainless Steel Plate Handle Fancy flat (SPLH-04) 200 mm. size of make-SUZU / HONDA or equivalent quality of approved make & brand conforming to relevant ISI specification, with steel screws complete as per direction of E.I.C. (3rd floor)	9	Each	157.00	1413.00
49	Item No. 41) Supplying, fitting & fixing 'Godrej' 7 Levers Super Night Latch/Night Latch (Inside opening), product code-8812 / 8261 with keys including fitting & fixing complete as per direction of the E.I.C.	2	Each	1280.00	2560.00
50	Item No.42) Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary : a) On timber or plastered surface : With super gloss (hi-gloss) - (i) Two coats (with any shade except white) (3rd floor)	6.00	Sq.M	81.00	486.00
51	(b) On steel or other metal surface : With super gloss (hi-gloss) - (i) Two coats (with any shade except white) (3rd floor)	5.00	Sq.M	79.00	395.00
52	Item No.43) Supplying, fitting and fixing C.P.V.C. pipes of SUPREME make /or equivalent quality of approved make, with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbow, nipple, longscrew, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, making threads, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials, chase cutting for conceal work, fixing the pipe with proper clamping and mending good damages above ground. (Payment will be made on the centre line measurements of total pipe line including all specials. No separate payment will be made for accesories, specials.) a) CPVC Pipes Class-1,SDR-11 For 3rd floor (Open work)				
	(i) 20 mm. dia	20.00	Mtr.	143.00	2860.00
53	(ii)32 mm. dia	70.00	Mtr.	283.00	19810.00

SL.No.	Description of Item	Quantity	Unit	Rate (Rs.)	Amount(Rs.)
54	b) CPVC Pipes Class-1,SDR-11 For conceal work (i) 20 mm. dia	35	Mtr.	171.00	5985.00
55	Item No.44 Supplying Ball Valve of requisite diameter i)20 mm	12.00	each	152.00	1824.00
56	ii) 32 mm	6.00	each	399.00	2394.00
57	Item No.45 Supplying, fitting & fixing of High Density Poly-ethylene Pipe conforming to IS - 4984 - 1985 [PE - 63] for above ground work including cost of jointing materials, paints etc. fitting and fixing all necessary specials, cutting pipes, making threads, cutting holes in walls or R.C. floor where necessary and mending good all damages excluding the cost of masonry or concrete work, if necessary, but including the cost and fitting and fixing holder bat clamps (any floor) or for underground work including cutting trenches upto 1.5 metre and refilling the same complete as per direction of the Engineer-in-charge. (Payment will be made on centre line measurement of the total pipeline including specials). (a) 6 Kg / Sq.Cm. (Working Pressure) (A) Above Ground. (i) 40 mm. dia.	15.00	Mtr.	109.00	1635.00
58	Item No.46 supplying of Solvent Cement	0.5	Kg	520.00	260.00
59	Item No.47 Supplying, fitting and fixing best quality Extended Wall Mounted Water Closet (E.W.C) with Cistern set in white glazed vitreous china ware of make- Hindware, Brand name-MARIO of size 66x37.5x76, Cat No. 20084 (P-15) and Cistern 21052 with lid and Fittings, complete Set or equivalent quality of approved make & brand, complete in position with necessary bolts, nuts etc. in all floors. (a) Water Closet with 'P' trap & Cistern set. 3RD floor	2	Each	16890	33780.00
60	Item No.48 Supplying, fitting and fixing E.W.C. in white glazed vitreous chinaware of approved make complete in position with necessary bolts, nuts etc. (a) With 'P' trap (3rd floor)	2	Each	1421.00	2842.00
61	Item No.49 Supplying, fitting and fixing Closet seat of approved make with lid and C.P. hinges, rubber buffer and brass screws complete. (i) Hindware make (solid type) white (3rd floor)	2	Each	715.00	1430.00
62	Item No.50 Supplying, fitting and fixing 10 litre P.V.C. low-down cistern conforming to I.S. specification with P.V.C. fittings complete,C.I. brackets including two coats of painting to bracket etc. (3rd floor)	2	Each	1015.00	2030.00
63	Item No.51 Wash basin vitreous china of approved make (without fittings) supplied, fitted and fixed in position on 75mm X 75 mm X 75 mm wood blocks and C.I. brackets including two coats of painting of C.I. brackets. (i) 550 mm X 400 mm size (3rd. Floor)	2	Each	1383.00	2766.00

SL.No.	Description of Item	Quantity	Unit	Rate (Rs.)	Amount(Rs.)
64	Item No.52) Supplying, fitting and fixing Squating plate with integral flushing in white vitreous chinaware of approved make in cement concrete (6:3:1) with jhama chips complete. (Payment of concrete will be paid seperately). (i) 450 mm X 350 mm (3rd floor)	1	Each	881.00	881.00
65	Item No.53) Supplying, fitting & fixing chromium plated 2 (Two) Way Bib Cock (Quarter Turn) with wall flange of make- JAQUAR, Model- Florentine, Code No- FLR- 5041N, or equivalent quality of approved make & model, complete as per direction of the E.I.C. (3rd floor)	2	Each	1269.00	2538.00
66	Item No.54) Supplying, fitting & fixing ABS Chromium Plated Hand Shower (Health Faucet) with 8 mm. dia, 1 (one) metre long flexible tube & wall hook of Make- JAQUAR, Model- Allied, Code No- ALD-CHR-573. (3rd floor)	2	Each	1387.00	2774.00
67	Item No.55) Supplying, fitting & fixing chromium plated 2 (Two) Way Bib Cock (Quarter Turn) with wall flange of make- ESSCO, Model- Sumthing special, Code No : SQT- 512ANKN, or equivalent quality of approved make & model, complete as per direction of the E.I.C. (3rd floor)	2	Each	1057.00	2114.00
68	Item No.56) Supplying, fitting & fixing Hand Shower (Health Faucet) with 1 (one) metre long flex tube in chrome finish & wall hook of Make- JAQUAR, Model- Allied, Code No : ALD-CHR-565. (3rd floor)	2	Each	1125.00	2250.00
69	Item No.57) Supplying, fitting & fixing chromium plated Pillar Cock of make JAQUAR, Model- Florentine, Code No- FLR-5011N, or equivalent quality of approved make & model, complete as per direction of the E.I.C. (3rd floor)	1	Each	857.00	857.00
70	Item No.58) Supplying, fitting & fixing chromium plated Pillar Cock Super Deluxe with Areator (Quarter Turn) of Make- ESSCO, Model- Sumthing Special, Code No : SQT- 508KN, or equivalent quality of approved make & model, complete as per direction of the E.I.C. (3rd floor)	4	Each	592.00	2368.00
71	Item No.59) Supplying, fitting & fixing chromium plated Angular Stop Cock (Quarter Turn) with wall flange of Make- JAQUAR, Model- Florentine, Code No- 5053N, or equivalent quality of approved make & model, complete as per direction of the E.I.C. (3rd floor)	3	Each	815.00	2445.00
72	Item No.60) Supplying, fitting & fixing chromium plated Angle Valve (Angular Stop Cock) (Quarter Turn) of Make- ESSCO, Model- Sumthing Special, Code No : SQT- 526KN, or equivalent quality of approved make & model, complete as per direction of the E.I.C. (3rd floor)	6	Each	547.00	3282.00
73	Item No.61) Supplying, fitting & fixing C.P. Wall Flange of approved quality. (3rd floor)	6	Each	64.00	384.00
74	Item No.62) Supplying, fitting and fixing C.P. Extension Pipe. (3rd floor)	15	Each	106.00	1590.00
75	Item No.63) Supplying, fitting & fixing chromium plated over brass domical gratings of approved quality in all floors. (i) 125 mm. dia.	7	Each	87.00	609.00

SL.No.	Description of Item	Quantity	Unit	Rate (Rs.)	Amount(Rs.)
76	Item No.64) Supplying, fitting and fixing Waste fittings complete.(a) C.P. over brass.(i) 32 mm. dia.	6	Each	190.00	1140.00
77	Item No.65) Supplying,fitting and fixing approved brand P.V.C. CONNECTOR white flexible, with both ends coupling with heavy brass C.P. nut, 15 mm dia. (i) 450 mm long	11	Each	82.00	902.00
78	(ii) 600 mm long	1	Each	107.00	107.00
79	(iii) 750 mm long	1	Each	117.00	117.00
80	Item No.66) Supplying,fitting and fixing approved brand 32 mm dia.P.V.C. waste pipe, with PVC coupling at one end fitted with necessary clamps. (i) 1050 mm long	6	Each	91.00	546.00
81	Item No.67) Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with equired bracing for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works. (a) 25 mm to 30 mm thick wooden shuttering as per decision & direction of Engineer-In-Charge (i)3rd Floor.	1.000	Sq.M	389.00	389.00
82	Item No.68) Supplying, fitting & fixing chromium plated Urinal Valve auto closing system with built in control cock & wall flange (Pressmatic) of make JAQUAR, Code No PRS-CHR-O77, or equivalent quality of approved make & model, complete as per direction of the E.I.C. i) 3rd floor	3	Each	2126.00	6378.00
83	Item No.69) Supply of UPVC pipes (B Type) & fittings conforming to IS-13592-1992 including supply of Labour for fitting and fixing U.P.V.C. pipes for above ground work including cost of jointing materials etc. fitting and fixing all necessary specials, cutting pipes, cutting holes in walls or R.C. floor where necessary and mending good all damages excluding the cost of masonry or concrete work, if necessary, but including the cost and fitting and fixing holder bat clamps (any floor) complete as per direction of the Engineer-in-charge. (Payment will be made on centre line measurement of the total pipeline including specials. (i) Single Socketed 3 Meter Length (b) 110 mm	20.42	R.M	349.00	7126.58
84	ii) Double Socketed 0.9 Meter Length (b) 110 mm	4.5	R.M	381.00	1714.50
86	iii)Double Socketed 0.60 Meter Length (b) 110 mm	1.2	R.M	394.00	472.80
87	Item No.70) Fittings:- a) Door Tee i) 110 mm dia	34	Each	195.00	6630.00
88	b) Plain Tee (i) 110 mm	5	Each	85.00	425.00
89	c) Plain Bend (87.5) (i) 110 mm	10	Each	120.00	1200.00
90	d) Door Bend (T.S.) (i) 110 mm	7	Each	147.00	1029.00
91	e) Cross Tee (i) 110 mm	2	Each	186.00	372.00
92	f) P-Trap (110x110)	22	Each	281.00	6182.00

SL.No.	Description of Item	Quantity	Unit	Rate (Rs.)	Amount(Rs.)
93	g) W.C.Connector(125x110) i) 450 mm long	45	Each	277.00	12465.00
94	h) Vent Cowl (i) 110 mm dia	2	Each	33.00	66.00
95	i) Pipe Clip (i) 110 mm dia	60	Each	21.00	1260.00
96	j) Solvent Cement (250 ml)	1.0	Lit.	412.00	412.00
97	Item No.71) Chromium plated concealed Stop Cock (Equivalent to Code No. 514(A) & Model –Tropical/Sumthing Special of ESSCO or similar brand).	3	Each	674.00	2022.00
98	Item No.72) Supplying, fitting and fixing best quality Wash Basin with Pedestal (long) in white glazed vitreous chinaware of make-Hindware, Brand name- NEO, Size 55x40x80, Cat No:10098 and Pedestal Cat No: 11032, Star white or equivalent quality of approved make and brand, in position on 75 mm X 75 mm X 75 mm wooden block and C.I. brackets including mending good all damages and painting the brackets with two coats of approved paint. . (i) 550 mm X400 mm X800 mm size	1	Each	6539.00	6539.00
99	Item No.73) Supplying, fitting and fixing best quality Wash Basin in white glazed vitreous chinaware of make-Hindware, Brand name- NEO, Size 50x40, Cat No:10099 , Star white or equivalent quality of approved make and brand, in position on 75 mm X 75 mm X 75 mm wooden block and C.I. brackets including mending good all damages and painting the brackets with two coats of approved paint. i)500 mmx 400 mm size	1	Each	3252.00	3252.00
100	Item No.74) Supplying, fitting and fixing best quality Corner Wash Basin in white glazed vitreous chinaware of make-Paryware, Size 40x40, Cat No:CO408(CTH) Basin , white or equivalent quality of approved make and brand, in position on 75 mm X 75 mm X 75 mm wooden block and C.I. brackets including mending good all damages and painting the brackets with two coats of approved paint. (i) 400 mm X400 mm size.	1	Each	1634.00	1634.00
101	Item No.75) Supplying, fitting and fixing best quality Counter top self rimming Basin Mkd- Oval of size 56x41 cm of Cat. No. 10017 of Hinware make in Star white glazed vitreous chinaware of approved make and brand, including mending good all damages and filling the side with white cement. (i) 560 mm X410 mm size.	1	Each	2984.00	2984.00

SL.No.	Description of Item	Quantity	Unit	Rate (Rs.)	Amount(Rs.)
102	Item No.76) Supplying, fitting & fixing granite slabs 15mm to 18 mm. thick with uniform texture & without decorative veins in columns, wall, fascia etc. with 15 mm thick [avg] cement mortar (1:2) including making suitable arrangements to hold the stones properly by brass / copper hooks including pointing in cement mortar (1:2) (1 white cement : 2 marble dust) with admixture of pigment matching the stone shades all complete as per direction of the Engineer-in-charge including cost of all materials, labours, scaffolding, staging, curing and roughening of concrete surface complete. [Using cement slurry at back side of granite @ 4.4 kg/sq.m & white cement slurry for joint filling.] Area of each Granite slab 0.6 to 1.0 sq.m At 3rd floor	0.8	Sqm	2972.00	2377.60
103	Item No.77) Supplying, fitting and fixing Black Stone slab used in Kitchen slab, alcove, wardrobe etc. laid and jointed with necessary adhesive Cement mortar (1:2) including grinding or polishing as per direction of Engineer-in-Charge a) Slab Thickness 20 to 25 mm	0.8	Sqm	679.00	543.20
104	Item No.78) Extra cost of labour for prefinished and premoulded Nosing to treads of steps, railing, window sill etc. of Marble stone.	5	R.M	224.00	1120.00
105	Item No.79) Labour charges for making Counter Top including cutting of Black stone and Granite in proper shape of Counter Basin decorated the Curve fascia of counter top with cutting granite pieces with adhesive including hire charges of Cutting machine and Moulding machine and all tools and plants.	1	Each	699.00	699.00
106	Item No.80) Supplying, fitting & fixing Chromium plated Swan Neck Pillar Cock (Quarter Turn) of make JAQUAR, Model- Florentine, Code No- FLR-CHR-5357N, or equivalent quality of approved make & model, complete as per direction of the E.I.C.	1	Each	1688.00	1688.00
107	Item No.81) Supplying, fitting & fixing chromium plated Two-Way Angular Stop Cock (Quarter Turn) of Make- ESSCO DELUX, Model- DLX-ESS-526A, or equivalent quality of approved make & model, complete as per direction of the E.I.C.	1	Each	970.00	970.00
108	Item No.82) Supplying, fitting & fixing C.P. Urinal Spreader (DBI)	3	Each	381.00	1143.00
109	Item No.83) Supplying, fitting & fixing best quality Urinal in white vitrous Chinaware of make Hindware, Brand name-'FLAT BACK LARGE' of size 39x37.5x59 of Cat No. 60002 or equivalent quality of approved make and brand, fitting in position with clamp at the back side of Urinal with brass screws, complete in all respect	3	Each	5620.00	16860.00
110	Item No.84) Supplying, fitting & fixing Towel Ring of Fibre made with Essline Acry CP Bracket	1	Each	224.00	224.00
111	Item No.85) Supplying, fitting & fixing C.P. 3 Way Towel Hook	4	Each	178.00	712.00
112	Item No.86) Supplying, fitting & fixing Soap Dispenser of Elegant Liquid, white in colour	6	Each	474.00	2844.00

SL.No.	Description of Item	Quantity	Unit	Rate (Rs.)	Amount(Rs.)
113	Item No.87) Supplying, fitting and fixing best quality Indian make mirror (Modiguard/Saint- Gobin or equivalent quality of approved make) 4 mm. thick with silvering as per ISI specification and Double peasting with picture plate of size 458 mm X 358 mm , including backside cover made with 3 mm thick Rubber Board of single piece, French Polishing (high gloss) the frame and fixing necessary brass fasteners on the wall and frame to fasten the mirror to wall, complete as per design , drawing and direction of the E.I.C. (i) Mirror size 458 mm X 358 mm (18"x14")	3	Each	532.00	1596.00
114	(ii) Mirror size 400 mm X 300 mm (16"x12")	1	Each	426.00	426.00
115	Item No.88) Stainless steel Locking bolt 100 mm long x10 mmdia bolt	1	Each	170.00	170.00
116				TOTAL Rs.	434994.72
117	Total value upto Sl no. 118 is 434994.72 -(A) GSTe Tax @ 12% on A				52199.37
118	Total value upto Sl no. 16 is 487194.09 -(B) Cess @ 1% on B				4871.94
					492066.03

Say Rs. 4,92,066.00

(Rupees Four lakhs ninety two thousand sixty six only.)



WEST BENGAL HOUSING BOARD
(ESTD. UNDER W.B. ACT XXXII OF 1972)

TENDER FORM FOR WORKS.(2911)

"ABASAN"
105, S. N. BANERJEE ROAD, KOLKATA-700014.

TENDER FORM
WEST BENGAL HOUSING BOARD

Price – Rupees Five only

Tender No.

Of

**ITEM RATE TENDER AND CONTACT FOR WORKS GENERAL RULES AND DIRECTIONS FOR THE
GUIDANCE OF CONTRACTORS.**

1. All works proposed for execution by contract will be notified in a form of invitation to tender posted in public place and signed by the Sub-Divisional Officer/Divisional Officer.

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 the tender and the amount of the security deposit to be deposited by the successful tenderer and the percentage, if any, to be deducted from bills. Copies of the specifications, designs and drawings and other documents required in connection with the work, signed for the purpose of identification by the Sub-divisional Officer/Divisional Officer shall also be open for inspection by the contractor at the office of the Joint /Deputy Director 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 authorizing him to do so. Such Power-of attorney is to be produced with the tender and save in the case of a firm carried on by one member of a Joint family; it must disclose that the firm is duly registered under the Indian Partnership Act.
3. Receipts for payments made on account of a work, when executed by a firm, must also be signed by the several partners, except where the contractors are described in their tender as a firm in which case the receipts must be signed in the name of the firm by one of the partners or by some other person having authority to give effectual receipts for the firm.
4. Any person who submits a tender shall fill up the usual printed form, stating at what rate he is willing to undertake each item of the work. Tenders which propose any alteration in the work specified in the said form of invitation to tender., or in the time allowed for carrying out the work, or which contain any other conditions of any sort , will be liable to rejection. No single tender shall include more than one work, but contractors who wish to tender for two or more works shall submit a separate tender for each. Tenders shall have the name and number of the work to which they refer, written outside the envelope.
5. The Joint/Deputy Director or his duly authorized assistant will open tenders in the presence of any intending contractors who may be present at the time, and will enter the amounts of the several tenders in a Comparative Statement in a suitable form.

Contd...p/(2)

(2)

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 purpose of identification sign copies of specifications and other documents mentioned in Rule 1. In the event of a tender being rejected the earnest money forwarded with such unaccepted tender shall be refunded within 10 days from the date on which the tender is decided provided the contractor(s) present himself/themselves before the Joint/Deputy Director to the refund.

6. The accepting authority reserves the right to reject any or all the tenders without assigning any reasons and he will not be bound to accept either the lowest tender or any of the tenders.
7. 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 Joint/Deputy Director and the contractor shall be responsible for seeing that he procures a receipt signed by the Joint/Deputy Director, or a duly authorized cashier.
8. The memorandum of work tendered for, and the schedule of materials to be supplied by the West Bengal Housing Board and their issue rates, shall be filled in and completed in the office of the Joint/Deputy Director before the tender form is issued. If a tender form is issued 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.

TENDER FOR WORKS

I/We hereby tender for the Board of the work specified in the underwritten memorandum within the time specified in such memorandum at the rates specified therein, and in accordance, in all respects with specifications, designs, drawings and instruction in writing referred to in Rule-1 thereof and in clause 11 of the annexed conditions and with such materials as provided for, by, and in all other respects in accordance with such conditions so far as applicable.

MEMORANDUM

a) General description

b) Estimated cost

c) Earnest Money

d) Security Deposit(including Earnest Money)

: Rs.

: Rs.

: Rs.

a) If several

Sub-works are included they should be detailed in a separate list.

(3)

(3)

e) Percentage, if any, to be deducted from bills : Rs.

(Rupees) i.e. Percent.

(f) Time allowed for the work from date of Written Order to commence : Months.

Item No.	Item of work	Unit	Per	Rate Tendered		
				Rs.	P.	In words

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

Should this tender be accepted I/We hereby agree 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 his successors in office the sums of money mentioned in the said conditions.

(4)

(4)

The Sum of Rs. _____ *is herewith forwarded in Bank Draft as earnest money (a) the full value of which is to be absolutely forfeited to the Board or his successors in office, without prejudice to any other rights or remedies of the said Board or his successors in office. Should I/We fail to commence the work specified in the above memorandum or should I/We not deposit the full amount of security deposit specified in the above memorandum in accordance with clause 1(A) of the said conditions of contract, otherwise the said sum of Rs. _____ Shall be retained by the Board as on account of the security deposit as aforesaid , or (b) the full value of which shall be retained by Board on account of the deposit specified in clause 1(B) of the said conditions of contract.

*Give particulars and numbers. Strike out(a) if no cash security deposit is to be taken. Strike out (b) if any cash security deposit is taken.

Dated the _____ day of _____ 20 _____ # (Signature of Contactor Before Submission of Tender)

Signature of contractor before submission of Tender

Witness _____ +
Address : _____
Occupation : _____

+Signature of Witness to Contractor's Signature.

The above Tender is hereby accepted by me for and on behalf of West Bengal Housing Board.

Dated _____ day of _____ 20 _____ **

**
Signature of Officer by

(5)

CONDITIONS OF CONTRACT

Clause 1. – The person/persons whose tender may be accepted (hereinafter called the contractor) shall (A) (within ten day of the receipt by him of the notification of the acceptance of his tender) deposit with the Board by Bank Draft endorsed to the West Bengal Housing Board a sum Sufficient with the amount of the Earnest money deposited by him with his tender to make up the full security deposit specified in the tender) or (B) (permit the Board at the time of making any payment to him for work done under the contract to deduct such sum as will (with the earnest money deposited by him) amount to Ten(10) percent of all moneys so payable such deductions to be held by the Board y way of security deposit) **Provided always** that in the event of the contractor depositing a lump sum by way of security deposits as contemplated at (A) above, than and in such case, if the sum so deposited shall not amount to ten percent (%) of the total estimated cost of the work, It shall be lawful for the Board at the time of making any payment to the contractor for work done under the contract to make up the full percentage of ten(%) by deducting a sufficient sum from every such payments as last aforesaid. All compensation or all other sums of money payable by the contractor to the Board under the terms of his contract may be deducted from, or paid by the sale of a sufficient part of his security deposit, or from the interest arising there from 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 or sale as aforesaid the contractor shall within ten days thereafter make good in Block Draft endorsed as aforesaid any sum or sums which may have been deducted from or raised by sale of his security deposit or any part thereof.

Security Deposit

Clause 2.- 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 through out the stipulated period of the contract be proceeded with all due diligence(time being deemed to be the essence of the contact, on the part of the contractor)and the contractor shall pay as compensation an amount equal to one percent or such smaller amount as the Jt. Director, (whose decision in writing shall be final) may decide, on the amount of the tendered amount of the whole work as shown in the tender for everyday that the work remains uncommenced, or unfinished after the proper dates. The contractor shall commence execution of such part of the work as may be notified to him within 7 days from the date of the order for commencement for work and diligently continue such work and he 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 three-fourth of the work before three-fourth of such time has elapsed. In the event of the contractor failing to comply with any of the conditions herein, he shall be liable to pay as compensation an amount equal to one percent or such smaller amount as the Joint Director, (Whose decision in writing shall be final)

Compensation For delay.

(6)

may decide on the said tendered amount of the whole work for everyday that the due quantity of work remains incomplete, provided always that the entire amount of compensation to be paid under the provisions of this clause shall not exceed ten percent of the tendered amount of the work as shown in the tender.

Clause 3. – In any case in which under any clause or clauses of 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 Dy. Director, on behalf of the Board shall have power to adopt any of the following courses, as he may deem best suited to the interests of the Board –

Action when whole of security deposit's forfeited.
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- (a) To rescind the contract (of which rescission notice in writing to the Contractor under the hand of the Dy. Director shall be conclusive evidence), and in which case the security deposit of the contractor shall stand forfeited and be absolutely at the disposal of the Board.
- (b) To employ labour paid by the Public Works Department and to supply materials to carry out the work, or any part of the work, debiting the contractor with the cost of the labour and the price of the materials (of the amount of which cost and price a certificate of the Dy. Director shall be final and conclusive against the contractor) and crediting him with the value of work done, in all respects in the same manner and the same rates as if it had been carried out by the contractor under the terms of his contract, the certificate of the Dy. Director as to the value of the work done shall be final and conclusive against the contractor .
- (c) To measure up the work of the contractor, and to take such part thereof as shall be unexecuted out of his hands, and to give it 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 if the whole work had been executed by him (of the amount of which excess the certificate in writing of the Dy. Director 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 if from his security deposit or the proceeds of sale thereof, or a sufficient part thereof.

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

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(7)

Clause 4.- In any case in which any of the powers, conferred upon the Dy. Director by clause 3 hereof, shall have become exercisable and the same shall not be exercised thereof shall not constitute a waiver of any of the conditions thereof and such powers shall notwithstanding be exercisable in the event of any future case of default by the contractor for which by any clause or 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 future compensation shall remain unaffected. In the event of the Dy. Director putting in force either of 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, plant, materials and stores, or upon the work, or the site thereof or belonging to the contractor, or procured by him and intended to be used for the execution off the work or any part thereof , paying or allowing for the same in account at the contract rates, or in case of these not being applicable, at current market rates to be certified by the Dy. Director whose certified thereof shall be final, otherwise the Dy. Director may be notice in writing to the contractor or clerk of the works. Foreman or other authorized agent require him to remove such tools, plant, materials or stores from the premises (within a time to be specified in such notice), and in the event of the contractor failing to comply with any such requisition, the Dy. Director 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 Dy. Director as to the expense of any such removal and the amount of the proceed and expense of any such sale shall be final and conclusive against the contractor.

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

Power to take possession of or require removal of or Sell Contractor's plant.

Clause 5. – If the contractor shall desire an extension of the time for completion of the Works on the grounds of his having been unavoidably hindered in its execution, the contractor shall give an immediate report of such hindrance to the Dy. Director in writing and if he shall desire an extension o time for completion of the work on the ground thereof he shall apply in writing to the Dy. Director within 7 days of the date of cessation of such hindrance on account of which he desires such extension as aforesaid and the Dy. Director shall, if in his opinion (which shall be final) reasonable grounds be shown therefore, authorize such extension of time, if any as may, in his opinion , be necessary or proper.

Extension Of time.

Clause 6. - On completion of the work, the contractor shall be furnished with a certificate by the Dy. Director and 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, door, windows, walls, floors, or other part of any building, in, upon or about which the work is to be executed, or of which he may have had possession

Final Certificate

(8)

(8)

For the purpose of the execution thereof, nor until the work shall have been measured by the Engineer-In-Charge whose measurements shall be binding and conclusive against the contractor. If the contractor shall fail to comply with the requirements of this clause as to removal of scaffolding, surplus materials and rubbish and cleaning off dirt on or before the date fixed for the completion of the work, the Engineer-In-Charge may at the expense of the contractor remove such scaffolding, surplus materials and rubbish, and dispose of the same as he thinks fit and clean off 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.

Clause 7. – No payment 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 lac, the contractor shall on submitting the bill **therefore** be entitled to receive a monthly payment proportionate to the part thereof then approved and passed by the Dy. Director, 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 payments by way of advance against the final payment only and not as payments for work actually done and completed, and shall not preclude the requiring of bad, unsound, and imperfect or unskillful work to be removed and taken away and reconstructed, or re-erected, or be considered; as an admission of the due performance of the contract, or any part thereof, in any respect, or the accruing of any claim, nor shall it conclude, determine or affect in any way the powers of the Engineer-In-Charge under these conditions or any of them as to the final settlement and adjustment of the accounts of otherwise or in any other way vary or 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 Engineer-In-Charge certificate of the measurement and of the total amount payable for the work accordingly shall be final and binding on all parties.

Payment
on
intermediate
certificate
To be
treated as
advance

Clause 8. – A bill shall be submitted by the contractor each month on or before the date fixed by the Engineer-In-Charge for all work executed in the previous month, and the Engineer-In-Charge shall take or cause to be taken the requisite measurement for the purpose of having the same verified, and the claim as far as admissible adjusted, if possible, before the expiry of Twenty days from the presentation of the bill. If the contractor does not submit the bill within the time fixed as aforesaid the Engineer-In-Charge may depute a subordinate to measure up the said work in the presence of the contractor, whose counter-signature to the measurement list will be sufficient warrant, and the Engineer-In-Charge may prepare a bill from such list which shall be binding on the contractor in all respects.

Bill to be
Submitted
monthly

Clause 9. – The Contractor shall submit all bills on the printed forms to be had on application at the office of the Engineer-In-Charge, and the charges in the bills shall always be entered at the rates specified in the tender or in the case of any extra work ordered in pursuance of those conditions, and mentioned or provided for in the tender at the rates hereinafter provided for such work.

Bills to be
on
Printed
form

(9)

Clause 9A-(1) – Payment due to the contractor may, if so desired by him, be made to his Bank instead of direct to him, provided that the contractor furnished to the Engineer-In-charge

Payment of contractor's bill to Bank

- (i) An authorization in the form of a legally valid document, e.g. irrevocable power-of-attorney conferring authority on the Bank to receive payment, and
- (ii) His own acceptance of the correctness of the account made out as being due him by the Board or his signature on the bill or other claim preferred against Board, before settlement by the Engineer-In-Charge of the account or claim by payment to the Bank.

While the receipt given by such Bank shall constitute a full and sufficient discharge for the payment, the contractor should, wherever possible, present his bills duly received and discharged through his Bankers.

(2) In the case of bills, which the contractor presents for payment direct and which are not endorsed in favour of the Bank, while efforts will be made to secure payment to the financing Bank, payments made to the contractor should be accepted ;as full acquaintance so far as Board is concerned. As part of the arrangement, the financing Bank should give Board a letter to this effect.

Note : 1.- The procedure will not affect the usual rights of Government to deduct from contractor's bills (whether endorsed in favour of a Bank or not) any sum due to Board on account of penalties, over-payments, etc. on this or any other contractor with the Board.

Note : 2. - Nothing herein contained shall operate to create in favour of the Bank any rights or equities vis-a-vis the Board.

Clause 10. – If the specification or estimate of the work, provides for the use of any special description of materials to be supplied (hereto annexed) from the Engineer-In-Charge store, or if it is required that the contractor shall use certain stores to be provided by the Engineer-In-Charge (such materials and stores and prices to be charged therefore as hereinafter mentioned being so far as practicable for the convenience of the contractor, but no so as in any way to control the meaning of effect of this contract specified in the schedule or memorandum hereto annexed). the contractor shall be supplied with such materials and stores as required from time to time to be used by him for the purposes of the contractor only, and the value of the full quantity of materials land stores so supplied at the rates specified in the schedule or memorandum may be set off or deducted from any sums then due, or thereafter to become due to the contractor under the contract, or otherwise, or against or from the security deposit or the proceeds of sale thereof. All material supplied to the contractor shall remain the absolute property off the Board and shall not on any account be removed from the site of the work, and shall at all times be open to inspection by the Engineer-In-Charge.

Stores Supplied By the Board

Any such materials unused and in-perfectly good condition at the time of the completion or determination of the contract shall be returned to the Engineer-In-Charge's store, if by a notice in writing under his hand he shall so require but the contractor shall not be entitled to return any such materials unless with such consent, and shall have no claim 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.

Clause 11. – The contractor shall execute the whole and every part of the work in the most substantial and workmanship manner, and both as regards materials and otherwise in every respect in strict accordance with the specifications. 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 his office, and to which the contract shall be entitled to have access at office, or on the site of the work for the purpose of inspection during office hours, and the contractor shall, if he so requires, be entitled at his own expense to make or cause to be made copies of the specifications, and of all such designs, drawing and instructions as aforesaid.

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

Clause 12. – The Engineer-In-Charge shall have power to make any alterations in, omission from, additions to or substitutions for the original specifications, drawings, designs and instructions that may appear to him to be necessary or advisable during the progress of the work the contractor shall be bound to carry out the work in accordance with any instruction which may be given to him in writing signed by the Engineer-In-Charge and such alteration, omission, additions or substitutions shall not invalidate the contract but shall be deemed to have formed as work included in the original tender and any altered, additional or substituted work which the contractor may be directed to do in the matter above specified as part of the work shall be carried out by the contractor on the same conditions in all respects on which he agreed to do the main work and the same rates, if any, may be specified in the tender for the 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 work and the certificate of the Engineer-In-Charge shall be conclusive as to such proportion. And if the altered, additional or substituted work includes any class work, for which no rate is specified in this contract, then such class of work shall be carried out at the rates entered in the Schedule of rates of P.W.D. which was in force at the time of the acceptance of the contract minus/plus the percentage which the total tendered amount bears to the estimated cost of the entire work put to tender, and if the altered, additional or substituted work is not entered in the said schedule of rates payment thereof shall be made by the Engineer-In-Charge by determining the rates on analysis worked out from (a) the basic rates of materials and labour provided in the current Schedule of rates or

Alteration in specifications and designs

Do not invalidate contract

Extension Of time in consequence of alterations.

(b) the current market rates of materials and labour when even basic rates for the work are not available in the schedule. In cases when such rates are determined on analysis by the Engineer-In-Charge under

(a) above, the stipulated percentage above or below Schedule of rates as provided in the contract shall also apply and in case of rates work out on analysis under (b) above payment shall be made at the rates so determined without application of the stipulation percentage. In the event to any dispute regarding rates determined on analysis for any altered, additional or substituted work under this clause, the decision of the Joint Director shall be final and binding.

Clause 12A – In the case of any altered, additional or substituted; work, which the contractor is required, under the preceding clause 12, to do at the rates specified in the tender for the main work or on the basis of the rates in the Schedule of rates of the districts and which involves the employment of additional materials (notwithstanding anything to the contrary in the preceding clause)the contractor may, within seven days from the receipt of the order claim revision of rates of such additional materials and the Engineer-In-Charge may revise such rates having regard to the increase in the market price of such materials. In the event of a dispute decision of the Jt. Director concerned shall be final and binding and this contract shall be construed as if the said revised rates f or the said additional materials had been incorporated in this contract as being applicable to such work.

Rates works not estimated schedule

Clause 13. - If at any time after the commencement of work the Board shall for any reason whatsoever not required the whole thereof as specified in the tender to be carried out the Engineer-In-Charge shall give notice in writing of the fact to the contractor who shall have no claim to any payment or compensation whatsoever on account of any profit or advantage which he might have derived from the execution of the work in full, but which he did not derive in consequence of the full amount of the work not having been carried out, neither shall he have any claim for compensation by reason of any alterations having been made in the original specifications, drawings, design instructions which shall involve any curtailment of the work as original contemplated.

No compensation for alteration in, restriction works to carried out.

Clause 14. – If it shall appear to the Engineer-In-Charge or his subordinate in charge of the work, that any work has been executed with unsound, imperfect, or unskillful workmanship, or with materials of any inferior description, or that any materials or articles provided by him for the execution of the work are unsound or of a quality inferior to the contracted for, or otherwise not in accordance with the contract, the contractor shall on demand in writing from the Engineer-In-Charge specifying the work, materials or articles complained of notwithstanding that the same have been inadvertently passed , certified and paid for, forthwith rectify, or remove and re-construct the work so specified and provide other proper and suitable materials or articles at his own proper charge and cost,

Action and compensation payable in case of bad work.

land in the event of his failing to do so within a period to be specified by the Engineer-In-Charge in his demand aforesaid, then contractor shall be liable to pay compensation at the rate of one percent on the amount of the estimate for everyday not exceeding ten days, while his failure to do so shall continue and in the case of any such failure the Engineer-In-Charge may rectify or remove, and re-execute the work or removes and replace with others, the materials or articles complained of as the case the may be at the risk and expense in all respects of the contractor.

Clause 15. – All work under or in course of execution or executed in pursuance of the contract shall at all times be open to the inspection and supervision of the Engineer-In-Charge and his subordinates and the contractor shall at all times during the usual working hours, and at all other times at which reasonable notice of the intention of the Engineer-In-Charge of his subordinate to visit the works shall have been given to the contractor, either himself be present to receive orders and instructions, or have a responsible agent duly accredited in writing present for that purpose. Orders given to the contractor's agent shall be considered to have the same force as if they had been given to the contractor himself.

Work to be Open to Inspection.

Contractor or responsible person to be present.

Clause 16. – The contractor shall give not less than five days' 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 the same may be measured, and correct dimensions thereof 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 any work without the consent in writing of the Engineer-In-Charge or his subordinate in charge of the works and if any work shall be covered up or placed beyond the of reach of measurement without 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 was executed.

Notice to be Given before Work is Covered.

Clause 17. – If he contractor or his workmen or servants or authorized representatives shall break, deface, injure, or destroy any part of building, in which they may be working, or any building, road, road-curbs fence, enclosure, water pipes, cables, drains, electric or telephone posts or wires, trees grass or grassland or 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 from any cause whatsoever or ay imperfections become apparent in it at any time whether during its execution or within a period of **three years** after issuance of a certificate of its completion by the Engineer-In-Charge, the contractor shall make the same good

Contractor Liable for Damage done And for Imperfections For three Years after Certificate.

(13)

at his own expense , or in default, the Engineer-In-Charge may cause the same to be made good by other workmen and deduct the expense (of which the certificate of the Engineer-In-Charge shall be final) from any sums, whether under this contract or otherwise, that may be then, or at any time thereafter become due to contractor by the Government or from his security deposit, or the proceeds of sale thereof or of a sufficient portion thereof and if the cost, in the opinion of the Engineer-In-Charge (which opinion shall be final and conclusive against the contractor), of making such damage or imperfections good shall exceed the amount of such security deposit and/or such sums, it shall be lawful for the Government to recover the excess cost from the contractor in accordance with the procedure prescribed by any law for the time being in force.

The security deposit of the contractor shall not be refunded before the expiry of **three years** after the issuance of the certificate, final or otherwise, of completion of work by the Engineer-In-Charge, provided that the work shall not be deemed to have been completed unless the "**Final Bill**" in respect thereof shall have been passed and certified for payment by the Engineer-In-Charge.

Provided further that the Engineer-In-Charge shall pass the "**Final Bill**" and certify thereon, within a period of forty five days with effect from the date of submission thereof by the contractor , the amount payable to the contractor under this contract and shall also issue a separate certificate of completion of work to the contractor within the said period of **forty five days**. This certificate of Engineer-In-Charge whether in respect of completion of work shall be final and conclusive against the contractor. However, the security deposit off the contractor held with the Government under the provision of Clause 1 hereof shall be refundable to the k contractor in the manner provided hereunder :-

- (i) **30 %** of the security deposit shall be refunded to the contractor on expiry of **one year** after the issuance; of certificate of completion of work.
- (ii) Further **30 %** of the security deposit shall be refunded to the contractor on expiry of two **years**.
- (iii) The balance **40 %** of the security deposit shall be refunded to the contractor on expiry of **three years**.

Explanation :-

The word 'work' means and includes road work, bridge work, building work, sanitary and plumbing work, electrical work and/or any other work contemplated within the scope and ambit of this contract. The work may be of original or special repair in nature or a combination thereof, or of original or special repair in nature in combination with the work(s) of repair and/or maintenance in nature, provided that in respect of the work of repair or maintenance in nature or a combination thereof, the words **three years** wherever appearing in his Clause shall be deemed to be **one year** and in which case the security deposit of the contractor held with the BOARD

(14)

under the provision of **Clause 1** hereof shall be refundable to the contractor on expiry of **one year** after the issuance of certificate of completion of work by the Engineer-In-Charge.

Clause 18. – The contractor shall supply at his own cost materials (except such special materials, if any, as may in accordance with the contract be supplied from the Engineer-In-Charge's stores), plant, tools, appliances, implements, ladders, cordage, tackle, scaffolding and temporary work requisite or proper for the 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 necessary for the purpose of satisfying or complying with the requirements of the Engineer- In-Charge (as to any matter as to which under these conditions he is entitled, to be satisfied, or which) he is entitled to require together with carriage therefore to and from the work. The contractor shall also supply without charge the requisite number of persons with the means and materials necessary for the purpose offsetting out works, l 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 the Engineer-In-Charge at the expense of the contractor and expenses may be deducted from any money due to the contractor under the contractor, or from l his security deposit or the proceeds of sale therefore or of sufficient portion thereof. The contractor shall also provide all necessary fencing and lights required to protect the public from accident, and shall be bound to bear the expenses of defence of every suit, action or other proceeding at law that may be brought by any person for injury sustained owing neglect of the above precautions and to pay any damage and costs which may be awarded in any such suit, action or proceedings to any such person or which may with the consent of the contractor be paid to compromise any claim by any such person.

Contractor to supply Plant, ladders, Scaffolding etc.
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Clause 18A. – The contractor shall be responsible for and shall take proper care and caution in respect of all rollers, machinery, tools and implements as may be made over by the Board to the contractor for use in the execution of the works under this contract and shall be liable for any loss of and damages caused to the said rollers, machinery, tools and implements by any reason whatsoever during the period the same are in the possession of the contractor and shall on demand pay to the Board such amount as may be fixed by the Board for such loss and damages, the decision of the Board in the respect being final. Should the contractor fail or neglect to pay such amount on demand, the Board shall have the right and be entitled, in addition to the other rights and remedies available to it to deduct such amount from the amount of security deposited by the contractor and/or any amount remaining payable to the contractor under this contract for any work done by the contractor.

Clause 18B. - In every case in which by virtue of the provisions of Section 12. Sub-section (1) of the Workmen's Compensation Act, 1923, Board is obliged to pay compensation to a workman employed by the contractor, in execution of the works, Board will recover from the contractor the amount of the compensation

So paid, and, without prejudice to the rights of 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 the deducting it from the security deposit or from any sum due by the Board to the contractor whether under this contract or otherwise Board shall not bound to contest any claim made against it under Section 12, Sub-section (1) Of the said Act, except on the written request of the contractor and upon his giving to Board full security for all costs for which Board might become liable in consequence of contesting such claim.

Clause 19. – No female labour shall be employed within the limit of a cantonment .

Clause 19A. – No labour below the age of twelve year shall be employed on the work.

labour

Clause 19B (a). – “ The contactor shall pay to labour employed by him either directly or through sub-contractors, wages not less than fair wages as defined in the C.P.W.D. contractor’s Labour Regulations in so far as such Regulations have application within the State of West Bengal or as per the provisions of the Contract Labour (Regulation & Abolition) Act, 1970 and Contract Labour (Regulation & Abolition) General Rules, 1971, wherever applicable .

(b) The contractor shall notwithstanding the provisions of any contract to the contrary, cause to be paid fair wages to labour indirectly engaged on the work, including any engaged by his sub-contractors in connection with the said work as if the labour had been immediately employed by him.

© In respect of all labour directly or indirectly employed in the work for performance of the contractor’s part of his agreement the contractor shall comply with or cause to be complied with the Central Public Department Contractor’s Labour Regulations as mentioned in Sub-para (a) above made from time in regard to payment of wages, wage period, deduction from wages, recovery of wages not paid and deduction, Un-authorizedly made, maintenance of wages books or wages slips, publication of scale of wages and the terms of employment, inspection and submission or periodical returns and all other matters of the like nature or as per the provisions of the Contract Labour (Regulation & Abolition) Rules, 1971 wherever applicable.

(d) The Joint/Deputy director concerned shall have the right to deduct from the moneys due to the contractor any sum required or estimated to be required for making good the loss suffered by a worker or workers by reasons of non-fulfillment of the conditions of the contract for the benefit off the workers, no-payment of wages or of deduction made from his or their wages which are not justified by their terms of contract or non-observance of the Regulations as mentioned above.

(e) The contractor shall comply with the provisions of Payment of Wages Act, 1936, Minimum wages Act, 1948 Employees Liability Act, 1938, Industrial Disputes Act, 1974, Maternity Benefits Act, 1961 and the Contract Labour (Regulations & Abolition) Act, 1970 or the modification thereof or

any other laws relating thereto and the Rules made there-under from time to time **and Employee's Provident Fund and Miscellaneous Provident Act. 1952.**

- (f) The contract shall indemnify Board against payment to be made and for observance of the laws aforesaid and the C.P.W.D. contractor's Labour Regulations having application within the State of West Bengal without prejudice to his right to claim indemnity from his sub-contractor.
- (g) The Regulations aforesaid shall be deemed to be a part of his contract and any breach thereof shall be deemed to be a breach of this contract"

Clause 20. – No work shall be done on Sundays without the sanction in writing of the Engineer-In-Charge.

Works on
Sundays.

Clause 21. – The contractor shall not be assigned or sublet without specific orders from Board in respect of a specified sub-contractor. 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 creditor, or attempt to do so, 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 Board in any way relating to his office of employment, or if any such officer or person shall become in any way directly or indirectly interested in the contract, the Deputy Director 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 Government and the same consequences shall ensue as if the contract had been rescinded under the 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.

Works not
to be
sublet

Contract may
rescinded and
security deposit
forfeited for
subletting,
bribing or if
contractor
becomes
insolvent.

Clause 22. – 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 damage sustained and whether or not any damage shall have been sustained.

Sum payable
by way of com-
pensation to be
Considered as
reasonable com-
pensation
without
reference to
actual loss.

Clause 23. – In the case of a tender by partners any change in the constitution of the firm shall be forthwith notified by the contractor to the Engineer-In-Charge for his information.

Change
In the
Constitution
of the

Clause 24. – All works to be executed under the contract shall be executed under the direction and subject to the approval in all respects of the Joint Director 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.

Works to
be under
direction
of Joint-
Director

Clause 25. – Except where otherwise provided in the contract all questions and disputes relating to the meaning of the specifications, designs, drawings and instructions herein before mentioned and as to the quality of workmanship or materials used on the work or as to any other question, claim, right, matter or thing whatsoever, in any way arising out of relating to the contracts designs specifications, estimates, instructions, orders or these conditions or otherwise concerning the works, or the executions or failure to execute the same, whether arising during the progress of the work, or after the completion or abandonment thereof shall be dealt with as mentioned hereinafter.

Settlements
of dispute.

If the contractor considers any work demanded of him to be outside the requirements of the contract, or disputes any drawings, record or decision given in writing by the Engineer-In-Charge on any matter in connection with or arising out of the contract or carrying out of the work, to be unacceptable, he shall promptly within 15 days request the Chairman of the Disputes Redressal Committee shall give its written instructions or decision within a period of three months from the date of receipt of the contractor's letter. The Dispute Redressal Committee shall be constituted with the following officials as members :-

1.	Secretary, Housing Department, Government. of West Bengal	Chairman
2.	Housing Commissioner, West Bengal Housing Board	Member
3.	Director (Engg.), West Bengal Housing Board	Member Secretary and a Convenor
4.	F.A.-Cum-C.A.O., Finance Wing, West Bengal Housing Board	Member

This provision will be applicable irrespective of the value of the works to which the dispute may relate. "

Clause 26. – The contractor shall obtain from the stores of the Engineer-In-Charge all stores and article stipulated for issue from Engineer-In-Charge which may be required for the work, or any part thereof or in making up articles required therefore or in connection therewith unless he has obtained permission in writing from the Engineer-In-Charge to obtain such stores and articles elsewhere. The value of such stores and articles as may be supplied to the contractor by the Engineer-In-Charge will be debited to the contractor in his account at the rates shown in the schedule, attached to the contract, and if they are not entered in the schedule, they will be debited at cost price which for the purpose of this contract shall include the cost of carriage, incidental charges and storage charges, the last being recoverable in addition and all other expenses whatsoever, which shall have been incurred in obtaining delivery of the same at the stores aforesaid.

Stores
to be
obtained
from the
Board

Clause 27. – When the estimate on which the tender is made includes lump sums in respect of parts of the work , the contractor shall be entitled to payment in respect of parts 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 rates as are payable under this contract for such items or if the part of the work in question is not in the opinion of the Engineer-In-Charge capable of measurement, the Engineer-In-Charge may at his discretion pay the lump sums amount entered in the estimate, and the certificate in writing of the Engineer-In-Charge shall be final and conclusive against the contractor with regard to any sum or sums payable to him under the provisions of this clause.

Lump
sums in
estimates

Clause 28. – 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 I.S. specification and in the event of there being no. I.S. specification, then in such case the work shall be carried out in all respects in accordance with the instruction and requirements of the Engineer-In-Charge.

Actions
Where no
specification

Clause 29. – 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 constructed and taken to mean the works by virtue of the contract contracted to be executed, whether temporary or permanent and whether original, altered, substituted or additional.

Definition
of work

Clause 30. – The contractor(s) shall at his/their own cost provide his/their labour with hutments on an approved site, and shall make arrangements for conservancy and sanitation in the labour camp to the satisfaction of the local Public Health and Medical Authorities.

He/They shall also at his/their own cost make arrangements for the laying of pipe lines for Water-supply to his/their labour camp from the existing mains wherever available, and shall pay all fees, charges and expenses in connection, therewith and incidental thereto.

INTERPRETATION CLAUSE :-

The Board means the West Bengal Housing Board and its successors.

The Engineer-In-Charge/Deputy Director means the Deputy director of West Bengal Housing Board for the time being in charge of the work.

The Joint Director means the Joint Director of West Bengal Housing Board for the time being connected with the work.

Words importing the singular number only include the plural number and vice versa.

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Schedule showing (approximately) materials to be supplied by the Board under clause 10 and 26 for work contractor to be executed and the rates at which they are to be charged for.

Particulars	Rates at which the material will be charged to the contractor			Place of delivery
	Unit	Rs.	P.	

Note : 1. – The person or firm submitting the tender should see that the rates in the above schedule are filled up by the Engineer-In-Charge on the issue of the form prior to the submission of tender.

Signature of Contractor

Signature of Deputy Director(EW)

Date :

Joint Director(EW)

(21)

ADDITIONAL CONDITIONS

1. Cement found surplus after the completion of a work should be returned to the Deputy Director, the value of the cement returned to the Board will be credited to the contractor. If any contractor is found to have used the surplus cement for his own purpose or otherwise disposed of it without the written consent of the Deputy Director or the Assistant Director (if nominated for the purpose by the Deputy Director) he may be held guilty of theft. In this connection the provision of clause 10 may be referred to where it is clearly stated that all materials issued to the contractor's shall remain the property of Board.
2. The contractor shall have to make his own arrangements for water both for the work and use by his coolly. etc. for steam road rollers and for all tools and plant, etc. required on the work.
3. Contractors will be responsible for the payments of all water charges payable to the Kolkata Municipal Corporation or any other works authority including Board concerned.
4. If the contractor shall desire an extension of the time for completion of the work under clause 5 of the contract, no application for such extension will be entertained if it is not received in sufficient time to allow the Deputy Director to consider it and the contractor will be responsible for the consequences arising out of his negligence in this respect.
5. The contractor will have to leave ducts in walls and floors to run conduit or cables, where necessary, and he will not be entitled to any extra payment on this account.
6. Contractor in the course of their work should understand that all materials (e.g.) store and other materials) obtained in the work of dismantling, excavation, etc. will be considered as Board's property and will be disposed of to the advantage of Board.
7. Owing to difficulty in obtaining certain materials in the open market, the Board have undertaken to supply materials specified in the schedule on page.....of the Tender form at rates stated therein. There may be delay in obtaining the materials by the Board and the contractor is, there-for, required to keep himself in touch with the day to day position regarding the supply of materials from the Engineer-In-Charge and to so adjust the progress of the work that his labour may not remaining idle not may there be any other claim due to or arising from delay in obtaining the materials . It should be clearly understood that no claim whatsoever shall be entertained by the Board on account of delay in supplying materials.
8. The minimum period for which a road roller is required to be used by a contractor shall be determined by the Deputy Director on the basis of the quantity of metal that can be considered by a

roller per day and the Deputy Director on the basis of the quantity of metal that can be consolidated by a roller per day and the Deputy Director decision shall be final. If the roller be required to work for a longer period due to bad arrangement of the contactor, shortage of water, etc. additional hire charges shall be levied at the rates specified below under 'A, Hire Charges' for the additional period the roller works.

9. No compensation for any damage done by rain or traffic during the execution of the work will be made.
10. Whatever a work is carried out in a Municipal area, electric lights or electric danger signals wherever available shall be provided by the contactors on the barriers as well as paraffin lights. Facilities for the electric connection will be made by this Board but the contractor will bear all the expenses.
11. The contractor should quote through rate inclusive of cost materials and carriage to place of working.
12. The contactor should give complete specifications showing the method of execution and the quantity of material they intend to use per hundred sq.m. area.
13. In case where water is used by the contractor he will be required to deposit in advance with the Deputy Director the charges for water which are to be calculated in accordance with the schedule of miscellaneous rates in the Canal Act.
14. It must be clearly understood by the contractor that no claim on account of enhanced rates on those already accepted, due to war fluctuations will be entertained during the currency of this contract for the work as per schedule attached to the agreement and the additional work, if any, under clause 12 of the contract, if such additional work shall consist of items, which have already been quoted for but appearing in relevant P.W.D. Schedule of rates.
15. In the event of emergency the contractor will be required to pay his labour every day and if this is not done, Board shall make the requisite payment as would have been paid by the contractor and recover the cost from the contactors.

Inconvenience of the Public

16. The contractor(s) shall not deposited material on any item which will seriously inconvenience the Public. The Engineer-In-Charge may require the contractor(s) to remove any materials, which are considered by him to be a danger or inconvenience to the public or cause them to be removed at the contractor's cost.
17. The contractor undertake to have the site clean, free from rubbish to the satisfaction of the Engineer-In-Charge . All surplus materials, rubbish, etc. will be removed to the place fixed by the Engineer-In-Charge and nothing extra will be paid.

18. The contractor shall not allow any rubbish or debris to remain on the premises during or after repairs, but shall remove the same and keep the place neat and tidy during the progress of the work. The Engineer-In-Charge may get the site or premises cleared of debris, etc. and recover the cost from the bill of the contractor if the latter shows slackness in observing this clause.
19. Materials brought at site shall not be stacked at random. The contractor shall stack all these materials as directed by the Engineer-In-Charge.

ADDITIONAL CONDITIONS WHEN ROAD ROLLERS ARE SUPPLIED BY BOARD.

Road Rollers, if available, shall be supplied by the Board on hire upon payment of charges at the rates and on the condition specified below. The contractor should requisite road roller at least two weeks before the date on which the same are required mentioning the dates on which delivery is desired. In case rollers cannot be made available to the contractor on the date, requisite extension of time shall be granted to the contractor for completion of the work but no compensation for loss of labour or any other cause whatsoever shall be entertained.

A-Hire Charge

Hire charges & other charges of Department equipments per day of eight hours or part there of as well as pay of driver , cleaner, chowkider etc. will be as per rates indicated in Special Terms & conations.

B-Conditions

1 (a) The road roller will be made over and taken back at the site of work. The Roller charges (which includes the hire charges and the wages of the departmental crew) shall be recovered at the prescribed rates from the date the road roller is made over till the date it is taken back even through the roller may not have been working. If however any roller remains idle for wok or more days at a stretch for any of the reason or reasons mentioned below land provided the contractor submits within a week of the date of occurrence of the contingency, an application through the Assistant Director to the Engineer-In-Charge praying for exemption) the Engineer-In-Charge may at his discretion and it he is satisfied that there were sufficient reasons, allow exemption from payment of the said roller charges for such days as he may consider reasonable under the circumstances.

The reason for which exemption may be allowed are :

- i) Continued unfavorable whether conditions for carrying out the particular type of work on which the roller engaged.
- ii) Lack or roller work for reasons beyond the control of the contractor.
- iii) Diversion of the roller by the Enginer-In-Charge to other works.
- iv) Essential repairs.
- v) Any other reason's precluding the work of the roler.

- v) Any other reason's precluding the work of the roller.

The contractor shall not in any events be entitled to claim any compensation for loss of labour or for any other loss whatsoever which may have been incurred by him during the period for which exemption from payment of the charges is allowed.

- (b) The rollers and other equipments shall be fully utilized for the purpose for which the same are made over and shall not be allowed to remain idle when they are in working conditions.

The time limits for the working days for each type of rolling shall be fixed according to the limits of work out-put given in Statements I & II below. If the actual number of day of roller work exceed the limits based on the specified ceiling limits for the number of days in excess such of limit the hire charges and the wages of the departmental crew shall be charged at double the prescribed rates, if the actual number of days of roller work is less than the number of days calculated on the specified floor limit the hire charges for the roller and wages of the departmental crew shall be recovered for the number of days calculated on the specified floor limit. In all cases part of a day shall be counted as a full day.

2. The departmental crew shall be on operational charges o the roller.
3. The roller issued to a contractor are to work for 6 days in the week, with stoppage or work on the seventh day for general cleaning and petty repairs. Contractors will pay for the hire charges as well as for the wages of driver, cleaner and chowkidar for the whole week. The cost of obtaining water for washing the rollers shall be borne by the contractor.
4. clean water for operating and washing the rollers shall be supplied by the contractor at his cost.
5. Fuel (Petrol, diesel, or steam coal) and ancillaries such ;as match boxes kerosene oil, fire wood and cotton waste for working, lighting up cleaning etc. of road rollers shall have to be supplied by the contractor at his expense. Stream , Coal for Stream road rollers and diesel oil for diesel road rollers may however be supplied by the Department at the rate specified in the agreement and the cost debited to the contractor's account accordingly.
6. The grease and lubricating oil required for operating and maintenance of the rollers shall be supplied by the Department free of cost.

SPECIFICATIONS GOVERNING ISSUE OR ROAD ROLLERS

The number of working days to be allowed for finishing each individual items of work is shown below with extra allowances.

(Extra allowances are to be considered by the Dy. Director only on special circumstances depending on the particular nature of work and his decision will be final).

STATEMENT-I**(a) For Diesel or Stream Road-Roller 8-13 Tonne or above**

N.B. – Each working day means roller day, i.e. 8 hours in a day with one roller

Sl. No	Item of work	Works out-put per working day of 8 hours	
		Floor limit (Minimum)	Ceiling limit (Maximum)
1.	Roller Sub-grade	1.486 Sq.m.	2.230 Sq.m.
2.	Rolling Boulder Soiling a) Stone (except laterite)slag boulders b) Laterite boulders	558 Sq.m. 743 Sq.m.	922 Sq.m. 1.115 Sq.m.
3.	Consolidation of ballast (size within range of 7.5 cm To 12.5 cm)- a) Broken Stones (Pakur or Rajmahal or Chandil or Similarly hard stone) b) Broken stones varieties softer than a) above c) Broken slag d) Laterite or jhama e) Unbroken stone (e.g. single or gravel)	23 Cu.m. 25 Cu.m. 25 Cu.m. 34 Cu.m. 34 Cu.m.	34 Cu.m. 40 Cu.m. 40 Cu.m. 51 Cu.m. 51 Cu.m.
4.	Consolidation of metal (size within the range of 3.75 cm to 7.5 cm)- a) Broken stone metal(Pakur or Rajmahal or Chandil or similarly hard stone) b) Broken stone metal softer than (a) above c) Broken slag metal d) Laterite of jhama Metal e) Unbroken stone (e.g. single or gravel)	14 Cu.m 17 Cu.m. 17 Cu.m. 28 Cu.m. 34 Cu.m.	23 Cu.m. 28 Cu.m. 28 Cu.m. 45 Cu.m. 51 Cu.m.
5.	Consolidation of Moorum	34 Cu.m.	51 Cu.m.
6.	Compaction of Earth work	250 Cu.m.	400 Cu.m.
7.	Rolling dry chips/Bajri/Gravel in surface dressing works a)On water Bound surface b) On black top surface	558 Sq..m. 650 Sq..m.	1.115 Sq..m. 1.300 Sq..m.
8.	Rolling premixed chips/bajri/Gravel- a) In 19 mm (nominal) thick carpet b) In 25 mm (nominal) thick carpet c) In 32 mm (nominal) thick carpet d) In 38 mm (nominal) thick carpet	372 Sq.m. 325 Sq.m. 279 Sq.m. 232 Sq.m.	743 Sq.m. 650 Sq.m. 558 Sq.m. 465 Sq.m.

N.B. In case of items not covered by the above or by any stipulation of a particular contract, the limit will be as decided by the Engineer-In-Chare.

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STATEMENT – II

For Petrol , Diesel or Steam Road Roller 6 Tonne or less.

The limits of works output to be allowed for petrol, diesel or steam rollers of 6-10 tonne or less shall be 25 % less than the limit for the corresponding items Statement – I above.

Extra allowance may be the same per statement I in case of roller of 8-13 Tonne or above.

TAR AND BITUMEN

1. Contractor undertakes to make arrangements for the supervision of the work by the firm supplying the tar or bitumen used.

2. The contractor shall collect the total quantity of tar or bitumen required for the work as per standard formulae before the process of painting is standard and shall hypothecate it to the Engineer-In-Charge against money advanced by Board. If any bitumen or tar remain unused on completion of the work on account of lesser use of materials in actual execution for reason other than authorized changes of specification and abandonment of portion of work corresponding deduction equivalent to the cost of unused materials as determined by the Engineer-In-Charge shall be made and the materials returned to the contractors. Although the materials are hypothecated to Board the contractor undertakes the responsibility for their proper watch, safe custody and protection against all risks. The materials shall not be removed from site of work without the consent of the Engineer-In-Charge in writing.

ADDITIONAL CONDITIONS OF CONTRACT FOR DEVELOPMENTAL MATERIAL

- a) The value of materials supplied by the Department or used on the work shown in the Schedule on page 11 of the contract form (West Bengal Form No. 2911) in respect of items of work for which the contractor's rates are inclusive of the cost such materials will be debited to him in his account at the rates specified in this Schedule.
- b) Regarding materials in respect of items of work for which the contractor's rates are not inclusive of the cost of such materials, the contractor shall only act as custodian on behalf of the Government and the value of such material will not be charged to him except under sub-clauses (f) and (g) hereof.
- c) When the contract provides for use of certain specified materials to be supplied by the Department, the contractor shall not obtain such materials from other sources, unless so authorized in writing by the Engineer-In-Charge of the works.

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(d) Materials supplied for a particular work or a part thereof shall not be used elsewhere except with written permission of the said Engineer-In-Charge.

(e) Materials shall be supplied to the contractor in such installments as may be decided by the said Engineer-In-Charge.

(f) The contractor shall be held responsible for any misuse, loss or damage of the materials issued or handed over to him by the Engineer-In-Charge. In default the costs of such materials shall be recovered from the contractor according to the terms of the provisions made in sub-clause (g) and (h) hereof.

(g) In the following cases, the materials issued or handed over to the contractor shall be deemed to have been misused by him.

- (a) Materials lost or damaged due to negligence on the part of the contractor and/or defective storage by him.
- (b) Materials used in excess of the requirements as shown in Statement III attached herewith.
- (c) Materials used without permission of the Engineer-In-Charge in temporary work (e.g. , Cofferdams embankments shoring etc.) or in the construction of contractor's godown, site office labour hutments etc.

The value of materials misused as above (in which case the decision of the Engineer-In-Charge shall be final) shall be recovered at 50 percent in excess of the highest of the following three rates :

- i) Issue rate as specified in the contract.
 - ii) Departmental stock rate at the time of recovery of value :
and
 - iii) Market rate at the time of recovery value.
-
- h) In case of loss or damage of materials issued or handed over to the contractor other than under the circumstances mentioned in sub-clause (g) the materials so lost or damaged shall be replaced by the Engineer-In-Charge as to the cost of replacement shall be final and binding on the contractor.
 - i) Where so specified and in any case in respect of cement, steel and bituminous materials supplied by the Department, a stock register shall be maintained by the contractor and the day to day receipts issues and balance of such materials shall be shown therein. This register shall be produced by the contractor to the Engineer-In-Charge of his representative whenever required for verification of stock.

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- j) Whenever asked for by the Engineer-In-Charge during the progress of work and also with the final, the contractor shall submit to the former a statement showing :-
 - a) The total quantity of materials received by the contractor from the Deptt.
 - b) Consumption thereof item by item in the work; and
 - c) The balance in hand.

- k) Whenever by computing the consumption of materials of any description in any item or group of items of work requiring use of such materials :-
 - a) It is found that the contractor has used less materials than required by the specifications and/or as shown in PWD Schedule or Rates, the value of the quantity of materials less used shall be recovered from the contractor at 5 (five) per cent in excess of the issue rate of such materials. In such an event the contractor shall not be entitled to claim or to receive the materials the cost of which has been thus recovered ; or
 - b) It is found the contractor has used any materials in excess of the requirement, the value of the materials used in excess shall be recovered from the contractor as provided in sub-clause (g) hereof ;
 - c) Provided that recovery of materials used less or in excess as indicated in paragraph (a) and (b) of the sub-clause shall be subject to the decision of the Engineer-In-Charge who may allow variation asunder :

Consumption of different materials of construction in the corresponding contract items of work shall be computed on the basis of the provisions made in the consumption chart in the relevant PWD Schedule of Rates, subject to a variation of plus/minus five percent (5 %) except in case of steel materials in respect of which the variation shall be (+/-) 10 % . Where, however, the circumstance of a work so require the Engineer-In-Charge shall be competent to allow (for recorded reasons) for a greater variation.

ADDITIONAL CLAUSES

1. In case where the responsibility of dispatch of stores rests with the suppliers but the freight is payable by the purchaser, the supplier should dispatch the stores by the most economical method using the full wagon whenever it is possible and economical to do so, failing which the supplier will render himself liable for the whole or part of any avoidable expenditure caused by the default. The supplier should get in touch with the Purchase Officer concerned and in cases of dispatch of stores which are the property of the Defense Department at the time of dispatch. The supplier may obtain the advice of the 'Movement Control Section' Station Staff Officers or the Controller of Supplies of the stations concerned.

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2. The contractor will have to make his own arrangement for the carriage of materials.
3. "For all items of contract works requiring unskilled labour the contractors shall be bound to employ unskilled local labour. The expression "local" shall mean and deem to mean the Anchal, the Block, the Thana or the District of the State of West Bengal where the work will be executed. In cases on non-availability of such unskilled local labour and of other difficulties experienced by the contractor in recruiting such local labour, the contractor may, with the prior permission in writing of the Engineer-In-Charge of the work, recruit and employ unskilled labour from neighboring areas of that District. In case he work is in the border area of two districts and there is dearth of adequate number of labour from the district where the work will be executed, labour may be recruited by the contractor from contiguous areas of the other contiguous district. In case local labour will not be available even from the districts as mentioned and when the exigency or progress of work so demands, the contractor may, with the prior permission in writing of the said Engineer-In-Charge engage labour from the other districts of the State of West Bengal and in case the same be not available then the contractor may, with the prior permission of the said Engineer-In-Charge, employ imported labour of other states.

In case where the contractor fails to secure unskilled local labour or to engage imported labour, the contractor shall employ labour locally recruited by Board of labour imported by Board at the rate to be decided by Joint Director of the works concerned whose decision as to the circumstances in which employment such labour is of mutual advantage to Board and the contractor, will be final and binding on the parties.

For all items of contract jobs requiring skilled labour, the contractor shall have to employ at 70 % (seventy percent) of skilled labour locally. In case the contractor fails to recruit skilled local labour, the contractor shall employ skilled labour locally secured by Board in the manner indicated above. For bridge works, highly technical works of framed structural buildings sanitary and plumbing works, electrical works etc. involving skilled labour the contractor may with the prior permission in writing of the Engineer-In-Charge to whom the full facts must be placed for permission, import and employ skilled labour upto 30% (thirty percent) of the total requirement. In this case the expression "imported labour" shall mean labour imported, primarily from other State and secondly from the distant districts of the State of West Bengal.

4. Military credit note will only be issued at the dispatching station for materials which are the property of Board at the time of dispatch. Ordinary credit notes will be issued by this Department at the receiving station to help contractors in taking delivery and the cost will be recovered from the contractor's bills.

