



सत्यमेव जयते  
**GOVERNMENT OF WEST BENGAL**  
**OFFICE OF THE EXECUTIVE ENGINEER**  
**KOLKATA SOUTH - I DIVISION, HOUSING DIRECTORATE**  
**84, IBRAHIMPUR ROAD, KOLKATA 700032**  
eehcd101@gmail.com  
PHONE NO.2429-0100

**Memo. No. 1235/X-159**

**Dated: 23/07/2018**

**NOTICE INVITING TENDER NO. 15 OF 2018-2019 OF THE EXECUTIVE ENGINEER, KOLKATA SOUTH - I DIVISION, HOUSING DIRECTORATE**

The Executive Engineer, Kolkata south-I Division, Housing directorate invites on behalf of Governor of West Bengal, sealed percentage rate tenders for the works as per annexure 'A' from the bonafied, resourceful and reliable agencies satisfying the following eligibility criteria.

1. Name of work	As per Annexure attached.
2. Estimated Amount of work put to tender	As per Annexure attached.
3. Time allotted for completion of work	As per Annexure attached.
4. Name & Address of Concern Division	Executive Engineer, Kolkata south-I Division, Housing directorate, 84, Ibrahimpur Road, Kolkata-700032.
5. Eligibility of Contractors for issuing Tender Form.	Bonafied outsider and agency entitled as per latest Govt. Order having credential in similar nature of work within the last 5[Five] Years.
6. Criteria for eligibility	(i) The Contractor/Firm should have credential of similar nature of work. (ii) The Contractor/Firm shall submit copies of Trade License, GST Registration Certificate, P.T., Sale Tax, Income Tax Clearance Certificate, PAN, Labour License (if applicable). (iii) The contractor/Firm shall submit list of works completed of requisite magnitude along with attested copies of certificate of their satisfactory completion of work from the concerned Department from an officer has below the rank of Executive Engineer. (iv) Earnest Money in the shape of Demand Draft of a Nationalized Bank in favour of Executive Engineer, Kolkata South-I Division, Housing Directorate payable at Kolkata. (v) Tender Documents shall have to be downloaded from the Departmental Website <a href="http://wbhousing.gov.in">wbhousing.gov.in</a> free of cost.
7. Earnest Money	As per Annexure-'A' attached. [Bank Draft/Pay Order from any Nationalized Bank] in favour of Executive Engineer, Kolkata south-I Division, Housing directorate.
8. Prescribed printed form & price per	Free of cost. Technically eligible agencies shall Download from website <a href="http://wbhousing.gov.in">wbhousing.gov.in</a>
9. Price of Tender paper & other tender documents	As per annexure attached and to be paid at the time of formal agreement.
10. Last date of submission Tender	10/08/ 2018 up to 2:00 P.M.
11. Date of Opening Tender	13/08/ 2018 at 2:30 P.M.

## Procedure for Tender Dropping

### Envelope 'A':-

- (i) An undertaking by the Tenderes in case of any ambiguity/discrepancy between the downloaded document and the approved hard copy available in the office. The hard copy shall be prevailed.
- (ii) Attested copy of all the documents in support of their eligibility as per NIT of Sl. No. 6 of Page No.1
- (iii) Earnest Money.

### Envelope 'B':-

- (i) Downloaded Tender Form duly filled in and signed. Name of Work and Group Numbers must be written clearly.
- (ii) If everything found O.K. in envelope No. 'A' then the envelope 'B' shall be opened on due date otherwise it would not be opened at all.
- (iii) Unopened envelope mark 'B' shall be return after making an entry in the tender register as office record.
- (iv) Tenderes shall sign and put stamp on each pages of the tender documents. Envelop 'A' & 'B' shall be super scribed by another envelope marking the name of work and NIT No, need to be dropped in the tender box kept in the office of the Executive Engineer, Kolkata south-I Division, Housing directorate, 84, Ibrahimpur Road, Kolkata-700032.
- (v)

Intending Tenderes should arrange to procure tender papers from Website well in advance. It may note that no NSC/KVP will not be accepted as Earnest Money. Recovery of 1% Cess on construction cost in accordance with the building another construction works (Regulation of Employment and Conditions of Service) Act 1996 will be applied.



Executive Engineer  
Kolkata south-I Division  
Housing directorate

**Memo. No. 1235/1/(21)/X-159**

**Dated: 23/07/2018**

Copy forwarded to the:-

- 1) The Chief Engineer, Housing Directorate for favour of his kind information.
- 2) The Superintending Engineer South Circle for favour of his kind information.
- 3) The Joint Secretary, Housing Department for favour of his kind information, with a request to kindly publish the matter in the Departmental website.
- 4) The Executive Engineer, Kolkata South - II Division, North-I & II Division, Burdwan Division, Bankura Division, Medinipur Division, Housing Directorate.
- 5) The Director, Information & Culture Affairs With request to Published in Daly News Paper as per G.O.No.-60 (61)-CS/2014 Dt. 28/05/2014 (Soft copy enclosed).
- 6) The Assistant Engineer, Kolkata South Sub-Division No.-I/II/III (In duplicate) for Information with the request to kindly paste copy of this tender notice on Notice Board for publicity.
- 7) The Estimating Section & Sr. D.A.O of this Division.
- 8) The Cashier of this Division.
- 9) This Office Tender Notice Board.
- 10) West Bengal Housing, P.W.D., C.B. DTE, Contractor's welfare Association, 112, Khudiram Bose Sarani, Kolkata – 700 004.
- 11) Paschim Banga Khudra Thikadar Samity, 21/1/1, Creek Row, Kolkata-14.



Executive Engineer  
Kolkata south-I Division  
Housing directorate

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Annexure-‘A’

Sl. No.	Name of the Work & Housing Estate	Estimated Amount (Rs)	Earnest Money (Rs.)	Prescribe West Bengal Form No.	Price of Tender Documents and Tender	Under Housing Construction Sub-Division	Time of Completion	PWD Schedule of Rates to be followed
1.	Maintenance work for MIG (A & B block) and LIG blocks at Palm avenue for different sanitary and plumbing work and other allied work (External) for the financial work 2018-19.	4, 84,369.00	9,687.00	2911 (ii)	Free of Cost (Download from Departmental Website/ <a href="http://ybhousing.gov.in">ybhousing.gov.in</a> )	Kolkata South Sub-Division -I	30 (Thirty) Days	SOR of P.W.D.Govt. of W.B. w.e.f-1 <sup>st</sup> November 2017 & current corrigendum in Respective District
2.	Maintenance & Repair work such as plastering, concreting, white washing, wood working etc. of new allotted & running flat No. J/6, K/8, K/3, M/4, K/5, L/1, J/8, N/2, V/11, V/14, U/3, U/15, W/1, W/2, W/8, U/6 = total 16 Nos. with other allied works at RHE Lake Gardens, Kolkata, during the year 2018-19.	4, 25,321.00	8,506.00	2911 (ii)		Kolkata South Sub-Division -II	45 (Forty Five) Days	
3.	Repairing work such as plastering, tiles work at toilet & kitchen, wood work etc. with allied works at Flat No. 2/2, 10/2, 1/1, 10/8, 12/3, 12/4, 12/2 at CHE Regent Park, Kolkata, during the year 2018-19 Kolkata.	3, 74,227.00	7,485.00	2911 (ii)		Kolkata South Sub-Division -II	45 (Forty Five) Days	
4.	Sinking of 1(one) No. deep tube well having 80 X 150 mm dia. and 200 meter depth with PVC pipe by water jet method at Kustia Housing Estate during the year 2018-19.	3, 25,124.00	6,502.00	2911 (ii)		Kolkata South Sub-Division -II	15 (Fifteen) Days	
5.	Sinking of 1(one) No. deep tube well having 80 X 150 mm dia. and 300 meter depth with PVC pipe by water jet method at Parui Housing Estate, B.R. Road during the year 2018-19.	4,15,365.00	8,307.00	2911 (ii)		Kolkata South Sub-Division -III	15 (Fifteen) Days	



Executive Engineer  
Kolkata south-I Division  
Housing directorate

**PRINTED TENDER FORM**

West Bengal Form No. 2911 (I/II)

Price – Rupees Three/ Five

NIT No. 15 of 2018 -19 of Executive Engineer, Kolkata south-I Division, Housing directorate.

Name of work	
Estimated cost	Rs.
Name & address of the agency with Phone No.	

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

1. All work proposed for execution by contract will be notified in a form of invitation to tender posted 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 tendered 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 Sub-Divisional Officer/Divisional Officer 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. In the case of a firm being carried on by any one member, it must disclose that the firm is duly registered under the Indian Partnership Act and the said member is empowered to sign on behalf of the family.
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 any one of the partners is empowered to sign the receipts on behalf of the firm duly registered the Indian partnership act or by some other person having authority to sign the receipts of 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 submitted if contains 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 Divisional Officer/Sub Divisional Officer 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. 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 and provided the contractor(s) present himself/ themselves before the Executive Engineer to take the refund with proper documents.

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 Sub-Divisional Officer/Divisional Officer and the contractor shall be responsible for seeing that he procures a receipt signed by the Sub-Divisional Officer/Divisional Officer.
8. The memorandum of work tendered for, and the schedule of materials to be supplied by the Public Works Department at their issue rates, shall be filled in and completed in the office of the Sub-Divisional Officer/Divisional Officer before the tender form is issued. If a form is issued to an intending tenderer without having been so filled in and completed, he shall request the office to have this done before he completes and delivers his tender.

**TENDER FOR WORKS**

I/We hereby tender for the execution for the Governor 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 instructions in writing referred to in Rule-1 thereof and in clause II 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   | Rs.       |  |
| [b] Estimated cost  | Rs.       | (a) If several sub-works are included they should be detailed in a separate list |
| [c] Earnest money   | Rs.       |  |
| [d] Security deposit [including earnest money]                    | Rs.       |  |
| [e] Percentage, if any, to be deducted from bills                 | Rs.       |  |
| [Rupees   | ] Percent |  |
| [f] Time allowed for the work from date written order to commence |           | Months.  |

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

NOTE - To be continued on additional sheets as found necessary.

Full name & Address of the Contractor:

Phone No.:

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 Governor or his successors in office the sums of money mentioned in the said conditions.

The sum of Rs. \_\_\_\_\_ \*is herewith forwarded in as earnest-money [(a) the full value of which is to be absolutely forfeited to the Governor or his successors in office, without prejudice to any other rights or remedies of the said Governor or his successors in office, should I/We fail to commence the works 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 they said sum of Rs. shall be retained by the Government as on account of such security deposit as aforesaid;

or

(b) the full value of which shall be retained by Government on account of the security deposit specified in clause 1 (B) of the said conditions of contract].

Dated the \_\_\_\_\_ day of \_\_\_\_\_ 2018

Witness

Address

Occupation

The above tender is hereby accepted by me for and on behalf of the Governor of the State of West Bengal

Dated the \_\_\_\_\_ day of \_\_\_\_\_ 2018

**CONDITIONS OF CONTRACT**

**Clause-1** The person/persons which tender may be accepted [hereinafter called the contractor] shall **(A)** [(within one day for a contract of Rs. 1000.00 or less, two days for one of Rs. 2000.00 or less, and so on, upto a limit of ten days of the receipt by him of the notification, of the acceptance of his tender) deposit with the Sub-Divisional Officer/Divisional Officer in cash Government securities endorsed to the Sub-Divisional Officer/Divisional Officer a sum sufficient to step up the amount of the Earnest- money deposited by him with his tender, up to the full security deposit in the tender] or **(B)** [permit Government 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 \_\_\_\_\_ percent, of all moneys so payable such deductions to be held by Government by 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 Government at the time of making any payment to the contractor for work done under the contract to make up the full percentage of ten percent 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 Government 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 any sums which may be due or may become due to the contractor, Government 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 cash or Government securities 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.

\* Give particulars and number

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

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

Signature of Contractor before submission of Tender.

Signature of witness to Contractor's signature

\*\* Signature of the officer by whom accepted

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 other to commence work is given to the contractor. The work shall be proceeded through the stipulated period of the contract be proceeded with all due diligence [time being deemed to be the essence of the contract, on the part of the contractor] and the contractor shall pay as compensation an amount equal to one percent or such smaller amount as the Superintending Engineer [whose decision in writing shall be final] may decide, on the amount of the whole works as shown in the tender for every day delay and the days for which the work remains uncompleted, or unfinished after the proper completion date. The contractor shall commence execution of such part of the work as may be notified to him within ..... days from the date of the order for commencement for work and diligently continue such work and further, to ensure good progress during the execution of the work, 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 Superintending Engineer, (whose decision in writing shall be final) may decide on the said tendered cost 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

Compensation for delay

**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 Divisional Officer, on behalf of the Governor shall have power to adopt any of the following courses, as he may deem best suited to the interests of Government

Action when whole of security deposit is forfeited

**A** To rescind the contract (of which rescission notice in writing to the contractor under the hand of the Divisional officer shall be conclusive evidence ), and in which case the security deposit of the contractor shall stand forfeited and be absolutely at the disposal of Government.

**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 Divisional Officer 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 Divisional Officer 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 Divisional Officer 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 Government under the contract or otherwise, or from any money due to him by proceeds of sale thereof or a sufficient or from his security deposit or the proceeds of sale thereof, or a sufficient part thereof.

In the event of any of the above courses being adopted by the Divisional Officer, the contractor shall have no claim to compensation for any loss sustained by him by reason of his having purchased or procured or produced, or entered into any engagements, or made any advances on accounts of 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 sums for any work therefore actually performed under this contract, unless and until the Sub-Divisional Officer/Divisional Officer 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.

**Clause-4** In any case in which any of the powers, conferred upon the Divisional Officer by clause 3 hereof, shall have become exercisable and the same shall not be exercised, the non-exercise thereof shall not constitute a waiver of any of the conditions hereof and such powers shall notwithstanding be exercisable in the event of any future case of default by the contractor for which by any clause or 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 Divisional Officer 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, in 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 of 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 Divisional Officer whose certificate thereof shall be final, otherwise the Divisional Officer may by notice in writing to contractor or his 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 Divisional Officer 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 Divisional Officers as to the expense of any such sale be final and conclusive against the contractor.

Contractor remains liable to pay compensations 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 Divisional Officer in writing and if he shall desire an extension of time for completion of the work on the ground thereof he shall apply in writing to the Divisional officer within 7 days of the date of cessation of such hindrance on account of which he desires such extension as aforesaid and the Divisional Officer 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.

**Clause-6** On completion of the work, the contractor shall be furnished with a certificate by the Sub-Divisional officer/Divisional Officer (hereinafter called the Engineer-in charge) of such completion, but no such certificate shall be given nor shall the work be considered to be completed 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, doors, windows, walls, floors, or other parts of any building, in, upon or about which the work is to be executed, or of which he may have had possession for the purpose of the execution thereof, 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 realised by the sale thereof.

Final Certificate

**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 thousand, 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 Engineer-in-Charge, whose certificate of such approval and passing of the sum so payable shall be final and conclusive against the contractor. But all such intermediate payments only and not as payments for work actually done 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's 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 ten days from the presentation of the bill. If the contractor does not submit the bill within the time fixed as aforesaid the Engineer- in-Charge may depute a subordinate to measure up the said work in the presence of the contractor, whose counter-signature to the measurement list will be sufficient warrant, and the Engineer-in-Charge may prepare a bill from such list which shall be binding on the contractor in all respects.

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 these conditions, and not mentioned or provided for in the tender at the rates hereinafter provided for such work.

Bills to be on printed form

**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 furnishes to the Engineer-in-Charge.

Payments of contractor's bills 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 Government or his signature on the bill or other claim preferred against Government, 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 receipted 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 acquittance so far as Government is concerned. As part of the arrangement, the financing Bank should give Government 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 Government on account of penalties, over-payments, etc. on this or any other contract with the Governor of West Bengal.

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

**Clause-10** If the specification or estimate of the work, provides for the use of any special description of materials to be supplied from the Engineer-in-Charge's 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 there for as hereinafter mentioned being so far as practicable for the convenience of the contractor, but not so as in any way to control the meaning 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 contract only, and the value of the full quantity of materials and 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; if the same is thereof, of the same is held in Government securities, the same or a sufficient portion thereof being in this case sold for the purpose. All material supplied to the contractor shall remain the absolute property of Government 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. 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.

Stores supplied by Government

**Clause-11** The contractor shall execute the whole and every part of the work in the most substantial and workmanlike 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, drawing, and instructions in writing relating to the work signed by the Engineer-in-Charge and lodged in his office, and to which the contractor shall be entitled to have access at such office, or on the site of the work for the purpose of inspection during office hours, and the contractor shall, if he so requires, be entitled at his own expense to make or cause to be made copies of the specifications, and of all such designs, drawings and instructions as aforesaid.

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

**Clause-12** Engineer-in-Charge shall have power to make any alterations in, omissions 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 and the contractor shall be bound to carry out the work in accordance with any instruction which may be given to him in writing signed by the Engineer-in-Charge and such alteration, 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 on the proportion that the altered, additional or substituted work bears to the original contract work and the certificate of the Engineer-in-Charges shall be conclusive as to such proportion. And if the altered, additional or substituted work includes any class of work, for which no rate is specified in this contract, then such class of work shall be carried out at the rates entered in the Schedule of rates brought out by the Superintending Engineer of the district, 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 (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-Charges under (a) above, the stipulated percentage above or below Schedule of analysis under (b) above payment shall be made at the rates so determined without application or the said stipulated 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 Superintending Engineer of the Circle shall be final and binding.

Alterations in specifications and designs

Do not invalidate contract.

Extension of time in consequence of alteration

Rates for works not in estimated schedule

**Clause-12A**

**DELETED**

**Clause-13** If at any time after the commencement of work the Governor shall for any reason whatsoever not require the whole thereof as specified in the tender to be carried out, the Engineer-in-Charge shall give notice in writing of the fact to the contractor who shall have no claim to any payment or compensation whatsoever on account of any profit or advantage which he might have derived from 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, designs and instructions which shall involve any curtailment of the work as originally contemplated.

No compensation for alteration in, or restriction of, work to be 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 that contracted for, or otherwise not in accordance with the contract, the contractor shall on demand in writing from the Engineer-in-Charge specifying the work, 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; and 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 per cent, 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 remove and replace with others, the materials or articles complained of as the case may be at the risk and expense in all respects of the contractor.

Action and compensation payable in case of bad work

**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 or 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

**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.

Contractor or

Notice to be given before work is covered

**Vide G. O. No. 4142 - A Dt. 26 - 08 - 1977.**

**Clause 17 –** If the contractor or his workmen or servants or authorized representative 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, tress, 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 any imperfection become apparent in it at any time whether during its execution or within a period of three months or one year or three years or five years, as the case may be (depending upon the nature of the work as described in the explanation appended hereto) hereinafter referred to as the Defect Liability Period, from the actual date of completion of work as per completion certificate issued by the Engineer-in-Charge, the contractor shall make the same good at his own expense, or in default, the Engineer-in-Charge may cause the same to be made good by other workmen and deduct the expense (of which the certificate of the Engineer-in-Charge shall be final and binding on all concerned) from any sums, whether under this contract or otherwise, that may be then or at any time thereafter become due to the contractor from the Government or from his security deposit, either full 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 imperfection 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.

Contractor liable for damage done and for imperfection for three months

Provided further that the Engineer-in-Charge shall pass the "Final Bill" and certify thereon, within a period of thirty days with effect from the date of submission of the final bill in acceptable form by the contractor, the amount payable to the contractor under this contract and shall also issue a separate completion certificate mentioning the actual date of completion of the work to the contractor within the said period of thirty days. The certificate of the Engineer-in-Charge whether in respect of the amount payable to the contractor against the "Final Bill" or in respect of completion of work shall be final and conclusive against the contractor. However the security deposit of the work held the Government under the provision of Clause 1 hereof shall be refundable to the contractor in the manner provided here under :-

- a) For work with three months Defect Liability Period :
  - i) Full security deposit shall be refunded to the contractor on expiry of three months from the actual date of completion of the work.
- b) For work with one year Defect Liability Period :
  - i) Full security deposit shall be refunded to the contractor on expiry of one year from the actual date of completion of the work.
- c) For work with three years Defect Liability Period :
  - i) 30% of the security deposit shall be refunded to the contractor on expiry of two years from the actual date of completion of the work.
  - ii) The balance 70% of the security deposit shall be refunded to the contractor on expiry of three years from the actual date of completion of the work.
- d) For work with five years Defect Liability Period :
  - i) No Security deposit shall be refunded to the contractor for 1<sup>st</sup>. 3 years from the actual date of completion of the work.
  - ii) 30% of the security deposit shall be refunded to the contractor on expiry of four years from the actual date of completion of the work.
  - iii) The balance 70% of the security deposit shall be refunded to the contractor on expiry of five years from the actual date of completion of the work.

**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 for.

- i) The work patch repair or patch maintenance in nature or a combination thereof, the Defect Liability Period of the work shall be three months from the actual date of completion of the work.
- ii) Thorough Bituminous Surfacing work with bituminous thickness less than 40 mm, Repair & Rehabilitation of any road/bridge/culvert/building/Sanitary & Plumbing work, the Defect Liability Period of the work shall be one year from the actual date of completion of the work.
- iii) Extension of building/bridge/culvert, construction of new flexible pavement up to bituminous level which has been designed for a period of 3 years or more, Widening and strengthening of flexible pavement designed for a period of 3 years or more, Improvement of riding quality/Strengthening of flexible pavement designed for a period of 3 years or more; Providing profile corrective course/bituminous base course, the Defect Liability Period of the work shall be three years from the actual date of completion of the work;

iv) Construction of new building/new bridge/new culvert, Reconstruction of building/bridge/culvert including construction of approach roads for bridge/culvert, construction of rigid pavement, Reconstruction of rigid pavement, construction of new flexible pavement covered by mastic work which has been designed for a period of 5 years or more Widening and strengthening of flexible pavement covered by mastic work which has been designed for a period of 5 years or more, Improvement of riding quality/Strengthening of flexible pavement covered by mastic work which has been designed for a period of 5 years or more, the Defect Liability Period of the work shall be five years from the actual date of completion of the work.

2. The following paragraph shall be added to the Interpretation Clause of CONDITIONS OF CONTRACT.

“The word Government means the Government of the State of West Bengal in Public Works Department”.

This bears concurrence of Group-T of Finance (Audit) Department vide their U.O. No. 417 dated 22/08/2017:

**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 there for 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 of setting out works, and counting, weighing and assisting in the measurement or examination at any time and from time to time of the work or materials. Failing his so doing the same may be provided by the Engineer-in-Charge at the expense of the contractor and the expenses may be deducted from any money due to the contractor under the contract, or from his security deposit or the proceeds of sale thereof 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.

**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 Government 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 Government such amount as may be fixed by the Government for such loss and damages, the decision of the Government in the respect being final. Should the contractor fail or neglect to pay such amount on demand, the Government 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, Government is obliged to pay compensation to a workman employed by the contractor, in execution of the works, Government will recover from the contractor the amount of the compensation so paid, and, without prejudice to the rights of Government under Section 12, Sub- section (2) of the said Act, Government shall be at liberty to recover such amount or any part thereof by deducting it from the security deposit or from any sum due by the Government to the contractor whether under this contract or otherwise.

Government 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 Government full security for all costs for which Government 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.

**Vide Letter No. 4783/A Dt. 07-05-1976 for Engr. in Chief and Ex-Officio Secretary, P. W. D., W. B.**

**Clause-19B (a)** “The contractor 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) Central 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.

Contractor to supply plant, ladders, scaffolding etc.

And is liable for damage arising from non-provision of light, fencing etc.

Labour

(c) 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 Works Department Contractor's Labour Regulations as mentioned in Sub-Para (a) above made from time to time in regard to payment of wages, wage period, deduction from wages, recovery of wages not paid and deduction, un-authorisedly made, maintenance of wages books or wages slips, publication of scale of wages and other 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) 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 of the workers, non-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 Dispute Act,1947, 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.

(f) The contract shall indemnify Government 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-contractors

(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 contract shall not be assigned or sublet without specific orders from Government 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 in 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 Government 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 Divisional Officer 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 ensure 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.

Work not to be sublet

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

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

Sum payable by way of compensation to be considered as reasonable compensation 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.

Changes in constitution of firm

**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 Superintending Engineer of the Circle for the time being who shall be entitled to direct at what point or points and in what manner they are to be commenced and from time to time carried on.

Works to be under direction of Superintending Engineer

**Clause-25**

Clause 25 OF THE CONDITIONS OF CONTRACT HAS BEN DELETED AS PER G.O. NO. 558/SPW Dt. 13.12.2011.

**Clause-26** The contractor shall obtain from the stores of the Engineer-in-Charge all stores and articles of European or American manufacture which may be required for the work, or any part thereof or in making up articles required there for 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 of European or American manufacture to be obtained from Government

**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 sum amount entered in the estimate, and the certificate in writing of the Engineer-in-Charge shall be final and conclusive against the contractor with regard to any sum or sums payable to him under the provisions of 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 district specification and in the event of there being no district specification, then in such case the work shall be carried out in all respects in accordance with the instruction and requirements of the Engineer-in-Charge.

Action 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 hutting 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 Governor means the Governor of West Bengal and his successors.

The Superintending Engineer means the Superintending Engineer holding the charge of the Circle concerned for the time being.

The Divisional Officer means the Divisional Officer holding the charge of the Division concerned for the time being.

The Sub-divisional officer means the Sub-divisional Officer for the time being of the Sub-division concerned. Words importing the singular number only include the plural number and vice versa.

Schedule showing (approximately) materials to be supplied by the Public Works Department under clauses 10 and 26 for work contracted to be executed and the rates at which they are to be charged for

Particulars	Rates at which the material will be charged to the contractor			Place of delivery
	Units	Rs.	P.	
Cement				
OPC [43 GRADE]	M.T.	6289	00	
OPC [53 GRADE]	M.T.	6460	00	
STEEL:- TOR/MILD	M.T.	41300	00	

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

Signature of Contractor

Signature of

Sub-Divisional Officer  
Divisional Officer

**ADDITIONAL CONDITIONS**

1. Cement found surplus after the completion of a work should be returned to the Sub- divisional Officer, the value of the cement returned to the Department 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 Executive Engineer or the Sub- divisional Officer (if nominated for the purpose by the Executive Engineer) 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 Government.
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 Corporation of Calcutta or any other water works authority including a Government department.
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 Divisional Officer 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. Contractors 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 Government property and will be disposed of to the advantage of Government.
7. Owing to difficulty in obtaining certain materials in the open market due to war the Government 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 Department 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 remain 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 Government 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 Executive Engineer on the basis of the quantity of metal that can be consolidated by a roller per day and the Executive Engineer's decision shall be final. if the roller be required to work for a longer period due to bad arrangement of the contractor, 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. Whenever a work is carried out in a municipal area, electric lights or electric danger signals wherever available shall be provided by the contractors on the barriers as well as paraffin lights. Facilities for the electric connection will be made by this Department but the contractor will bear all the expenses.
11. The contractor should quote through rate inclusive of cost of materials and carriage to place of working.
12. The contractors should give complete specifications showing the method of execution and the quantity and quality of material they intend to use per hundred sq.ft. Area.
13. In cases where water is used by the contractor he will be required to deposit in advance with the Executive Engineer 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, or, items not quoted for but appearing in District Schedule.
15. In the event of emergency the contractor will be required to pay his labour every day and if this is not done, Government shall make the requisite payment as would have been paid by the contractor and recover the cost from the contractors.

**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 contract(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 undertakes to have the site clean, free from all surplus materials, rubbish etc. upto the satisfaction of the Engineer-in-Charge. All surplus materials, rubbish, etc. will have to be removed to the places fixed by the Engineer-in-Charge and nothing extra will be paid for the same.

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.

**Amendment Vide G.O. No.4736/A dt.10.11.64**

**ADDITIONAL CONDITIONS WHEN ROAD ROLLERS ARE SUPPLIED BY GOVERNMENT**

Road Rollers, if available, shall be supplied by the Government upon payment of hire charges at the rates and on the conditions 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 that date, requisite extension of time shall be granted to the contractor for completion of the work but the contractor shall not be entitled to claim any compensation for loss of labour or any other cause whatsoever shall be entertained.

Amended & Substituted vide Govt. in P.W.D.'s memo No. 1298-A dated 31-3-79

***A-Hire Charge***

Road Rollers – Rs. 300/- (Rupees three hundred) only per day of eight working hours excluding fuel and wages of driver, cleaner and chowkidar.

The pay of Driver, Cleaner and will have to be paid – for extra at the following rates.

a) Road Roller of 8 tones or above Rs. 300/- per day

i) Charged of Driver – 310/- per day

ii) Charged of Cleaner – 310/- per day

iii) Charged of Chowkidar – 310/- per day

***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 roler is made over till the date it is taken back even though the roller may not have been working. If however any roller remains idle for two or more days at a stretch for any of the reason or reasons mentioned below and provided the contractor submits within a week of the date of occurrence of the contingency, an application through the Sub-divisional Officer to the Engineer-in-Charge praying for exemption from payment of roller charges (showing reasons and particulars for such claim for exemption) the Engineer-in-Charge may at his discretion and if 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 weather conditions for carrying out the particular type of work on which the roller engaged.
- (ii) Lack of roller work for reasons beyond the control of the contractor.
- (iii) Diversion of the roller by the Engineer-in-Charge to other works.
- (iv) Essential repairs.
- (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 output 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 of the roller.
3. The roller issued to a contractor is to work for 6 days in the week, with stoppage of 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 the departmental crew for the whole week.
4. Clean water for operating and washing the rollers shall be supplied by the contractor at his.
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. Steam, Coal for Steam 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 shall be calculated in the basis of work out put specified in Statements I and II Below.

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

#### STATEMENT - I

**(a) For Petrol, Diesel or Steam Road - Roller - 8/13 Tonne or over.**

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

**TABLE**

Sl. No.	Item of works	Works output per working day of 8 hours		Remarks
		Floor Limit [Minimum]	Ceiling Limit [Maxim]	
1	Rolling Sub-grade	1486 Sq.m.	2230 Sq.m.	
2	Rolling Boulder Soiling			
	a) Stone [except laterite] slag boulders	558 Sq.m.	929 Sq.m.	
	b) Laterite boulders	743 Sq.m.	1,116 Sq.m.	
3	Consolidation of ballast (size within the range of 7.5 cm to 12.5 cm) -			
	a) Broken Stones (Pakur or Rajmahal or Chandil or similarly hard stone)	23 Cu.m.	34 Cu.m	
	b) Broken Stone varieties softer than (a) above	25 Cu.m	40 Cu.m	
	c) Broken slag	25 Cu.m	40 Cu.m	
	d) Laterite or Jhama	34 Cu.m	51 Cu.m	
	e) Unbroken stone (e.g. shingle or gravel)	34 Cu.m	51 Cu.m	

Sl. No.	Item of works	Works output per working day of 8 hours		Remarks
		Floor Limit [Minimum]	Ceiling Limit [Maxim]	
4	Consolidation of metal (size within the range of 3.75 cm to 7.6 cm) -			
	a) Broken stone metal (Pakur or Rajmahal or Chandil or similarly hard stone)	14 Cu.m	23 Cu.m	
	b) Broken stone metal softer than (a) above	17 Cu.m	28 Cu.m	
	c) Broken slag metal	17 Cu.m	28 Cu.m	
	d) Laterite of Jhama Metal	28 Cu.m	45 Cu.m	
	e) Unbroken stone (e.g. single or gravel)	34 Cu.m	51 Cu.m	
5	Consolidation of Moorum	34 Cu.m	51 Cu.m	
6	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	1,116 Sq.m 1,300 Sq.m	
7	Rolling premixed chips/bajri/Gravel-			
	a) In 19 mm (nominal) thick carpet	372 Sq.m	743 Sq.m	
	b) In 25 mm (nominal) thick carpet	325 Sq.m	650 Sq.m	
	c) In 32 mm (nominal) thick carpet	279 Sq.m	558 Sq.m	
	d) In 38 mm (nominal) thick carpet	232 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- Charge.

#### **STATEMENT - II**

For Petrol, Diesel or Steam Road Roller 6-10 Tonne or less.

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

Amendment of clause 3 of additional Clauses in Page 16 of the West Bengal Standard Contract Form No. 2911, 2911 (i), 2911 (ii) and on Form No. 2912 vide G.O. No. 5396 - A Dt. 15-05-76 in partial Modification of the G.O. No. 33-A Dt.7-01-74.

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

#### **TAR AND BITUMEN**

1. The 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 Government if any bitumen or tar remain unused on completion or the work on account of lesser use of materials in actual execution for reasons other than authorized changes of specification and abandonment of portion of work corresponding deduction equivalent to the cost of unused material as determined by the Engineer-in-charge shall be made and the material returned to the contractors. Although the materials are hypothecated to Government 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 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 such 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' Staff Officers or the Controller of Supplies of the stations concerned.
2. The contractor will have to make his own arrangements 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 of 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 the 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 Government or labour imported by Government at the rate to be decided by the Superintending Engineer of the works concerned whose decision as to the circumstances in which employment of such labour is of mutual advantage to Government and the contractor, will be final and binding on the parties.

For 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 Government 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 States and secondly from the distant districts of the State of West Bengal.

4. Military credit notes will only be issued at the dispatching station for materials which are the property of Government 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.

SL.NO. 01

Probable items of specific priced schedule with approximate quantities in connection with the Maintenance work for MIG (A & B block) and LIG blocks at Palm avenue for different sanitary and plumbing work and other allied work (External) for the financial work 2018-19.

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
1.00	Dismantling R.C. floor, roof, beams etc. including cutting rods and removing rubbish as directed within a lead of 75 m. including stacking of steel bars. In 4th. Floor.	19.390	Cum	2,438.87	47,290.00	Rupees FourtySeven Thousand Two Hundred Ninety Only
2.00	Brick work with 1-st class bricks in cement mortar (1:6). In superstructure, in 4th. Floor.	4.210	Cum	6,877.70	28,955.00	Rupees TwentyEight Thousand Nine Hundred FiftyFive Only
3.00	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. Pakur Variety. In 4th. Floor.	3.790	Cum	7,211.54	27,332.00	Rupees TwentySeven Thousand Three Hundred ThirtyTwo Only
4.00	Hire & labour charges for shuttering with centering and necessary staging upto 4.00 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams, columns, lintels curved or straight including fitting, fixing and striking out after completion of works. 25 mm to 30 mm thick wooden shuttering as per decision & direction of Engineer-In-Charge. In 4th. Floor.	28.660	Sqm	460.40	13,195.00	Rupees Thirteen Thousand One Hundred NinetyFive Only
5.00	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per drawing and direction. For M.S. Rounds / Tor Steel / H.Y.S.D. Bars. JSW/JSPL /SHYAM/ SRMB / BMASL /ELECROSTEEL/SSL. In 4th. Floor	0.491	M.T	79,319.74	38,946.00	Rupees ThirtyEight Thousand Nine Hundred FourtySix Only
6.00	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. In 4th. Floor.					

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
6.10	With 1:6 cement mortar, 20 mm thick plaster	59.450	Sqm	216.06	12,845.00	Rupees Twelve Thousand Eight Hundred FortyFive Only
6.20	With 1:4 cement mortar, 10 mm thick plaster	28.660	Sqm	168.55	4,831.00	Rupees Four Thousand Eight Hundred ThirtyOne Only
7.00	Artificial stone in floor, dado, staircase etc with cement concrete (1:2:4) with stone chips, laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (1:2) including smooth finishing and rounding off corners including raking out joints or roughening of concrete surface and application of cement slurry before flooring works using cement @ 1.75 kg/sq.m all complete including all materials and labour. In ground floor. 3 mm. thick topping (High polishing grinding on this item is not permitted with ordinary cement). Using grey cement. 25 mm. thick.	19.890	Sqm	327.35	6,511.00	Rupees Six Thousand Five Hundred Eleven Only
8.00	Supplying P.V.C. water storage tank of approved quality with closed top with lid (Black) - Multilayer					
8.10	1000 litre capacity	2.000	Nos	5,800.79	11,602.00	Rupees Eleven Thousand Six Hundred Two Only
8.20	2000 litre capacity	3.000	Nos	11,802.94	35,409.00	Rupees ThirtyFive Thousand Four Hundred Nine Only
9.00	Labour for hoisting plastic water storage tank.					
9.10	Upto 1500 litre capacity.	2.000	Nos	108.60	217.00	Rupees Two Hundred Seventeen Only
9.11	Upto 1st story from G.L.	2.000	Nos	48.64	97.00	Rupees NinetySeven Only
9.12	Extra for each additional story					
9.20	Above 1500 litre upto 5000 litre capacity.					
9.21	Upto 1st story from G.L.	3.000	Nos	174.20	523.00	Rupees Five Hundred TwentyThree Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
9.22	Extra for each additional story	3.000	Nos	244.34	733.00	Rupees Seven Hundred ThirtyThree Only
10.00	Labour for punching hole in plastic water storage tank upto 50 mm dia.	20.000	Nos	21.49	430.00	Rupees Four Hundred Thirty Only
11.00	Supplying, fitting and fixing Peet's valve fullway gunmetal standard pattern best quality of approved brand bearing I.S.I. marking with fittings (tested to 21 kg per sq. cm.).					
11.10	40 mm dia	6.000	Nos	1,861.96	11,172.00	Rupees Eleven Thousand One Hundred SeventyTwo Only
11.20	25 mm dia	3.000	Nos	1,031.65	3,095.00	Rupees Three Thousand NinetyFive Only
11.30	20 mm dia	8.000	Nos	743.20	5,946.00	Rupees Five Thousand Nine Hundred FourtySix Only
12.00	Supply of G. I. pipes of TATA make including necessary sockets.					
12.10	15 mm dia., Light quality	45.000	Meter	136.88	6,159.00	Rupees Six Thousand One Hundred FiftyNine Only
12.20	20 mm dia., Medium quality	30.000	Meter	182.12	5,464.00	Rupees Five Thousand Four Hundred SixtyFour Only
12.30	25 mm dia., Medium quality	40.000	Meter	263.57	10,543.00	Rupees Ten Thousand Five Hundred FourtyThree Only
12.40	40 mm dia., Medium quality	30.000	Meter	329.18	9,875.00	Rupees Nine Thousand Eight Hundred SeventyFive Only
13.00	Labour for fitting and fixing G.I. pipes for under ground work including cost of jointing materials, cutting pipes,making threads etc. complete in all respect including cutting trenches upto 1.5 metre below surface in all sorts of soil and refilling the same as directed with two coats of painting to G.I. pipes and specials with bituminous paint.					
13.10	15 mm dia.	15.000	Meter	69.00	1,035.00	Rupees One Thousand ThirtyFive Only
13.20	20 mm dia.	30.000	Meter	76.92	2,308.00	Rupees Two Thousand Three Hundred Eight Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
13.30	25 mm dia.	40.000	Meter	76.92	3,077.00	Rupees Three Thousand SeventySeven Only
13.40	40 mm dia.	30.000	Meter	99.55	2,986.00	Rupees Two Thousand Nine Hundred EightySix Only
14.00	Renewing C.I. clamp for pipe including cutting hole in wall etc.					
14.10	15 mm dia.	10.000	Nos	28.28	283.00	Rupees Two Hundred EightyThree Only
14.20	20 mm dia.	7.000	Nos	32.80	230.00	Rupees Two Hundred Thirty Only
14.30	25 mm dia.	10.000	Nos	36.20	362.00	Rupees Three Hundred SixtyTwo Only
14.40	40 mm dia.	10.000	Nos	52.04	520.00	Rupees Five Hundred Twenty Only
14.50	100 mm dia.	20.000	Nos	162.89	3,258.00	Rupees Three Thousand Two Hundred FiftyEight Only
15.00	Labour for dismantling, Refixing, Removing chokageG.I. pipe with fittings.					
15.10	15 mm dia.	70.000	Meter	21.49	1,504.00	Rupees One Thousand Five Hundred Four Only
15.20	20 mm dia.	40.000	Meter	21.49	860.00	Rupees Eight Hundred Sixty Only
15.30	25 mm dia.	35.000	Meter	21.49	752.00	Rupees Seven Hundred FiftyTwo Only
15.40	40 mm dia.	65.000	Meter	29.41	1,912.00	Rupees One Thousand Nine Hundred Twelve Only
16.00	Supplying Fiting Fixing of galvanised iron socket with I.S.I. mark.					
16.10	15 mm dia.	40.000	Nos	24.89	995.00	Rupees Nine Hundred NinetyFive Only
16.20	20 mm dia.	32.000	Nos	32.80	1,050.00	Rupees One Thousand Fifty Only
16.30	25 mm dia.	20.000	Nos	44.12	882.00	Rupees Eight Hundred EightyTwo Only

<u>Sl. No.</u>	<u>Description of Item</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
16.40	40 mm dia.	18.000	Nos	79.18	1,425.00	Rupees One Thousand Four Hundred TwentyFive Only
17.00	Supplying Fiting Fixing of G.I. plug.					
17.10	15 mm dia.	20.000	Nos	19.23	385.00	Rupees Three Hundred EightyFive Only
17.20	20 mm dia.	16.000	Nos	29.41	471.00	Rupees Four Hundred SeventyOne Only
17.30	25 mm dia.	14.000	Nos	38.46	538.00	Rupees Five Hundred ThirtyEight Only
17.40	40 mm dia.	12.000	Nos	73.53	882.00	Rupees Eight Hundred EightyTwo Only
18.00	Supplying Fiting Fixing of G.I. reducing socket with I.S.I. mark.					
18.10	20 mm dia.	15.000	Nos	35.07	526.00	Rupees Five Hundred TwentySix Only
18.20	25 mm dia.	8.000	Nos	46.38	371.00	Rupees Three Hundred SeventyOne Only
18.30	40 mm dia.	8.000	Nos	85.97	688.00	Rupees Six Hundred EightyEight Only
19.00	Supplying Fiting Fixing of G.I. plain equal elbow of approved brand and make.					
19.10	15 mm dia.	35.000	Nos	26.02	911.00	Rupees Nine Hundred Eleven Only
19.20	20 mm dia.	35.000	Nos	37.33	1,307.00	Rupees One Thousand Three Hundred Seven Only
19.30	25 mm dia.	28.000	Nos	57.69	1,615.00	Rupees One Thousand Six Hundred Fifteen Only
19.40	40 mm dia.	8.000	Nos	111.99	896.00	Rupees Eight Hundred NinetySix Only
20.00	Supplying Fiting Fixing of G.I. plain tee of approved brand and make					
20.10	15 mm dia.	15.000	Nos	36.20	543.00	Rupees Five Hundred FourtyThree Only



<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
20.20	20 mm dia.	15.000	Nos	54.30	814.00	Rupees Eight Hundred Fourteen Only
20.30	25 mm dia.	12.000	Nos	76.92	923.00	Rupees Nine Hundred TwentyThree Only
20.40	40 mm dia.	5.000	Nos	145.92	730.00	Rupees Seven Hundred Thirty Only
21.00	Supplying Fiting Fixing of long screw (150 mm long) of TATA make with sockets (TATA make) and jamnut.					
21.10	15 mm dia.	15.000	Nos	44.12	662.00	Rupees Six Hundred SixtyTwo Only
21.20	20 mm dia.	12.000	Nos	58.82	706.00	Rupees Seven Hundred Six Only
21.30	25 mm dia.	12.000	Nos	74.66	896.00	Rupees Eight Hundred NinetySix Only
21.40	40 mm dia.	5.000	Nos	122.17	611.00	Rupees Six Hundred Eleven Only
22.00	Supplying Fiting Fixing of G.I. union.					
22.10	15 mm dia.	8.000	Nos	58.82	471.00	Rupees Four Hundred SeventyOne Only
22.20	20 mm dia.	8.000	Nos	85.97	688.00	Rupees Six Hundred EightyEight Only
22.30	25 mm dia.	5.000	Nos	116.51	583.00	Rupees Five Hundred EightyThree Only
22.40	40 mm dia.	5.000	Nos	205.88	1,029.00	Rupees One Thousand TwentyNine Only
23.00	Supplying Fiting Fixing of G.I. short piece of TATA make (Above 50mm & upto150 mm long)					
23.10	15 mm dia.	20.000	Nos	59.95	1,199.00	Rupees One Thousand One Hundred NinetyNine Only
23.20	20 mm dia.	20.000	Nos	75.79	1,516.00	Rupees One Thousand Five Hundred Sixteen Only
23.30	25 mm dia.	15.000	Nos	90.50	1,357.00	Rupees One Thousand Three Hundred FiftySeven Only
23.40	40 mm dia.	12.000	Nos	126.69	1,520.00	Rupees One Thousand Five Hundred Twenty Only

<u>Sl. No.</u>	<u>Description of Item</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
24.00	Taking out rain water down pipes. 75 mm & 100 mm pipe.	168.000	Meter	10.12	1,701.00	Rupees One Thousand Seven Hundred One Only
25.00	Dismantling H.C.I. pipe with fittings including melting lead caulked joints. 100mm.	59.200	Meter	72.40	4,286.00	Rupees Four Thousand Two Hundred EightySix Only
26.00	Supplying Fiting Fixing of UPVC pipes(B-Type) & fittings conforming to IS-13592-1992					
26.10	Single Socketed 3 Meter Length					
26.11	75 mm	60.000	Meter	272.62	16,357.00	Rupees Sixteen Thousand Three Hundred FiftySeven Only
26.12	110 mm	87.000	Meter	394.79	34,347.00	Rupees ThirtyFour Thousand Three Hundred FourtySeven Only
26.20	Single Socketed 1.8 Meter Length					
26.21	110 mm	7.200	Meter	395.92	2,851.00	Rupees Two Thousand Eight Hundred FiftyOne Only
26.30	Double Socketed .60 Meter Length					
26.31	75 mm	14.400	Meter	317.87	4,577.00	Rupees Four Thousand Five Hundred SeventySeven Only
26.32	110 mm	14.400	Meter	445.69	6,418.00	Rupees Six Thousand Four Hundred Eighteen Only
26.40	Fittings					
26.41	Plain Tee -110 mm	16.000	Nos	96.15	1,538.00	Rupees One Thousand Five Hundred ThirtyEight Only
26.42	Door Tee -75 mm	32.000	Nos	114.25	3,656.00	Rupees Three Thousand Six Hundred FiftySix Only
26.43	Door Tee -110mm	32.000	Nos	220.58	7,059.00	Rupees Seven Thousand FiftyNine Only
26.44	Door Tee (LH) (RH) -110 mm	40.000	Nos	361.98	14,479.00	Rupees Fourteen Thousand Four Hundred SeventyNine Only
26.45	Bend (87.5 degree) -110mm	8.000	Nos	126.69	1,014.00	Rupees One Thousand Fourteen Only
26.46	Door bend (T.S) -110mm	40.000	Nos	166.29	6,651.00	Rupees Six Thousand Six Hundred FiftyOne Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
26.47	110X110 P TRAP -75 mm	16.000	Nos	317.87	5,086.00	Rupees Five Thousand EightySix Only
26.48	Pipe Clip -110mm	48.000	Nos	23.76	1,140.00	Rupees One Thousand One Hundred Fourty Only
27.00	Supplying, fitting & fixing Cast iron soil pipe only conforming to I.S. 3989/ 2009 and I.S. 1729/2002 with bobbins, nails etc. including making holes in the wall, floor etc. and cutting trenches etc. in any floor through masonry concrete, if necessary, and mending good damages with necessary jointing materials and painting two coats to the exposed surface with approved paint complete. With valamoid joints including sealing with sand cement mortar (4:1) upto quarter depth. 100 mm dia. (internal)	15.000	Meter	778.27	11,674.00	Rupees Eleven Thousand Six Hundred SeventyFour Only
28.00	Supplying, fitting & fixing Cast iron double branch equal with door conforming to I.S. 1729/2002 including jointing and painting two coats to the exposed surface with approved paint complete. With valamoid joints including sealing the top with cement mortar (4:1). 100 mm dia.	8.000	Meter	1,036.18	8,289.00	Rupees Eight Thousand Two Hundred EightyNine Only
29.00	Supplying, fitting & fixing H.C.I. bend with door conforming to I.S.S. including jointing complete and painting two coats to the exposed surface with approved paint complete. With valamoid joints including sealing the top with cement mortar (4:1). 100 mm dia.	12.000	Nos	561.08	6,733.00	Rupees Six Thousand Seven Hundred ThirtyThree Only
30.00	Renewing,fitting and fixing cast iron 'P' or 'S' trap conforming to I.S. 3989/ 2009 and 1729/ 2002 including cement joints and painting two coats to the exposed surface. 'P' Trap. 100 mm.	5.000	Nos	847.73	4,239.00	Rupees Four Thousand Two Hundred ThirtyNine Only
31.00	Renewing, fitting and fixing cast iron extension pipes for using in Traps only (connector) conforming to I.S.3989/1970 and 1729/1964 including cement joints complete and painting two coats to the exposed surface with approved paint complete. 100 mm X225mm.	21.000	Nos	328.68	6,902.00	Rupees Six Thousand Nine Hundred Two Only
32.00	Cutting hole through wall,roof.cornice and mending good all damages.	42.000	Nos	76.92	3,231.00	Rupees Three Thousand Two Hundred ThirtyOne Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
33.00	Removal of rubbish,earth etc. from the working site and disposal of the same beyond the compound, in conformity with the Municipal / Corporation Rules for such disposal, loading into truck and cleaning the site in all respect as per direction of Engineer in charge.	25.000	Cum	187.78	4,694.00	Rupees Four Thousand Six Hundred NinetyFour Only

Total      4,84,369.00

Rupees Four Lakh EightyFour Thousand Three Hundred SixtyNine Only



Executive Engineer  
Kolkata south-I Division  
Housing directorate

SL.NO. 02

Probable items of specific priced schedule with approximate quantities in connection with the Maintenance & Repair work such as plastering, concreting, white washing, wood working etc. of new allotted & running flat No. J/6, K/8, K/3, M/4, K/5, L/1, J/8, N/2, V/11, V/14, U/3, U/15, W/1, W/2, W/8, U/6 = total 16 Nos. with other allied works at RHE Lake Gardens, Kolkata, during the year 2018-19.

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
1.00	Cleaning the concrete surface by removing dirt and debris, marking defective locations and removing loose concrete by careful stripping until hard surface is exposed, cutting the concrete to regular shape, wire brushing the exposed surface and removing debris from site complete as per direction of the Engineer - in - Charge.	139.488	Sqm	101.81	14,201.00	Rupees Fourteen Thousand Two Hundred One Only
2.00	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.	416.511	Sqm	21.49	8,952.00	Rupees Eight Thousand Nine Hundred FiftyTwo Only
3.00	Dismantling R.C. floor, roof, beams etc. including cutting rods and removing rubbish as directed within a lead of 75 m. including stacking of steel bars.	0.140	Cum	2,212.63	310.00	Rupees Three Hundred Ten Only
4.00	Dismantling artificial stone flooring upto 50 mm. thick by carefully chiselling without damaging the base and removing rubbish as directed within a lead of 75 m.	31.150	Sqm	56.56	1,762.00	Rupees One Thousand Seven Hundred SixtyTwo Only
5.00	Cleaning the exposed reinforcement preferably upto full diameter by wire brush, applying two coats of polymer based rust removing compound left for 24 hours, removing the coating and then applying two (2) coats of polymer modified anti corrosive protective coating formulated to inhibit the corrosion of reinforcement as per manufacturer's specification.	2.790	Sqm	884.60	2,468.00	Rupees Two Thousand Four Hundred SixtyEight Only
6.00	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.	139.488	Sqm	99.55	13,885.00	Rupees Thirteen Thousand Eight Hundred EightyFive Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
7.00	Cement concrete (1:1.5:3) with graded stone chips 5.6 mm size without hexagonal square mesh wire netting, I.R.C. fabric mesh or X.P. M. fitted and fixed after tying the existing reinforcement on concrete without distributing the same and with proper scarping and cleaning the reinforcement and disturbed concrete with wire brush etc. after applying a coat of cement including the cost of wire netting I.R.C or X. P. M. & cost of all handling and scaffolding complete as per direction of Engineer-in -charge.					
7.10	25 mm thick	83.693	Sqm	360.85	30,201.00	Rupees Thirty Thousand Two Hundred One Only
7.20	37.5 mm thick	55.795	Sqm	441.17	24,615.00	Rupees TwentyFour Thousand Six Hundred Fifteen Only
8.00	R.C. shelves (1:1.5:3) either precast or cast in situ with stone chips and necessary reinforcement upto 1% (0.8% main and 0.2% distribution bars), shuttering etc. and 10 mm. thick cement plaster (1:4) including neat cement finishing and cutting chase fitting and fixing in position, mending good damages as necessary complete. In ground floor. 50 mm. Thick panels. SAIL/ TATA/RINL	2.800	Sqm	1,384.59	3,877.00	Rupees Three Thousand Eight Hundred SeventySeven Only
9.00	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement,if any, in ground floor as per relevant IS codes. Pakur Variety.	1.734	Cum	6,154.79	10,672.00	Rupees Ten Thousand Six Hundred SeventyTwo Only
10.00	Brick work with 1st class bricks in cement mortar (1:6). In superstructure, ground floor.	0.300	Cum	6,375.44	1,913.00	Rupees One Thousand Nine Hundred Thirteen Only
11.00	125 mm. thick brick work with 1st class bricks in cement mortar (1:3) in ground floor.	2.160	Sqm	865.37	1,869.00	Rupees One Thousand Eight Hundred SixtyNine Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
12.00	Artificial stone in floor, dado, staircase etc with cement concrete (1:2:4) with stone chips, laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (1:2) including smooth finishing and rounding off corners including raking out joints or roughening of concrete surface and application of cement slurry before flooring works using cement @ 1.75 kg/sq.m all complete including all materials and labour. In ground floor. 3 mm. thick topping (High polishing grinding on this item is not permitted with ordinary cement). Using grey cement. 25 mm. thick.	24.970	Sqm	308.82	7,711.00	Rupees Seven Thousand Seven Hundred Eleven Only
13.00	Concrete chowkat with rabbet (in sill of door or window) made with cement concrete (1:2:4) and finished with 15 mm. thick cement plaster (1:4) and neat cement punning complete. In ground floor. With rabbet on one side. )100 mm. x 50 mm. or 100 mm. x 75 mm. sec (Cement 4.6Kg/Mtr.)	6.000	Nos	99.55	597.00	Rupees Five Hundred NinetySeven Only
14.00	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.					
14.10	With 1:4 cement mortar, 10 mm thick plaster	139.488	Sqm	150.45	20,986.00	Rupees Twenty Thousand Nine Hundred EightySix Only
14.20	With 1:6 cement mortar, 20 mm thick plaster	425.631	Sqm	197.96	84,258.00	Rupees EightyFour Thousand Two Hundred FiftyEight Only
15.00	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc.	4.320	Sqm	38.46	166.00	Rupees One Hundred SixtySix Only
16.00	Labour for taking out door and window frame including shutter for repair or replacement of different parts of the frame & refixing the same including mending good all damaes complete. (Concrete and brick work for mending damage will be paid separately) Upto area 2.5 Sq.m	35.520	Sqm	134.61	4,781.00	Rupees Four Thousand Seven Hundred EightyOne Only
17.00	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. Sal : Malayasian	0.243	Cum	94,207.47	22,892.00	Rupees TwentyTwo Thousand Eight Hundred NinetyTwo Only

<u>Sl. No.</u>	<u>Description of Item</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
18.00	Shutters of 2/3rd panel and 1/3rd glazed of doors and windows as per design (each panel consisting of a single plank without joint and with ordinary glass of 7.4kg. Per sq.m./3mm thick) fitted with putty bed and teak wood beads and nails including fitting and fixing shutters in position but excluding the cost of glass, putty, teak bead, nails, hinges etc. and other fittings, in ground floor. 35mm thick shutters with 19mm thick panel. Sishu, Gamar, Champ, Badam, Bhola, Mogra, Hallak.	7.188	Sqm	3,613.05	25,971.00	Rupees TwentyFive Thousand Nine Hundred SeventyOne Only
19.00	Panel shutters of door and window, as per design (each panel consisting of single plank without joint), including fitting and fixing the same in position but excluding the cost of hinge and other fittings. In ground floor. 35mm thick shutters with 19mm thick panel of size 30 to 45 cm. Sishu, Gamar, Champ, Badam, Bhola, Mogra, Hallak.	2.535	Sqm	3,334.78	8,454.00	Rupees Eight Thousand Four Hundred FiftyFour Only
20.00	Styles and rails of wooden shutters fitted and fixed complete. (Payment to be made on area of new work only). In Ground Floor: 35mm Thick shutter. Sishu, Gamar, Champ,Badam,Bhola, Mogra, Hallak.	2.310	Sqm	2,592.71	5,989.00	Rupees Five Thousand Nine Hundred EightyNine Only
21.00	Panel (made of single plank) of door and window shutters to design as directed: In Ground Floor. 19mm thick panel of 30cm to 45cm width. Sishu, Gamar, Champ,Badam,Bhola, Mogra, Hallak.	1.400	Sqm	1,316.72	1,843.00	Rupees One Thousand Eight Hundred FourtyThree Only
22.00	Taking out M.S. or W.I. Grills from wooden frame including cutting lugs from masonry wall and refitting the same and mending good damages after repairs. (Excluding the cost of necessary repair of damages) or doing any other necessary works.	32.000	Nos	111.99	3,584.00	Rupees Three Thousand Five Hundred EightyFour Only
23.00	Easing door and windows.	40.000	Nos	19.23	769.00	Rupees Seven Hundred SixtyNine Only
24.00	Renewing M.S. clamps for door and window frame made of flat bent bar, end bifurcated with necessary screws etc. In cement concrete(1:2:4) including cutting of brick work/concrete work as per direction.					
24.10	40mm X 6mm, 250mm Length.	54.000	Nos	53.17	2,871.00	Rupees Two Thousand Eight Hundred SeventyOne Only
24.20	40mm X 6mm, 125mm Length	28.000	Nos	42.99	1,204.00	Rupees One Thousand Two Hundred Four Only



<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
25.00	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark.					
25.10	75mm. X 47mm. X 1.70mm.	56.000	Nos	35.07	1,964.00	Rupees One Thousand Nine Hundred SixtyFour Only
25.20	100mm. X 58mm. X 1.90mm.	54.000	Nos	53.17	2,871.00	Rupees Two Thousand Eight Hundred SeventyOne Only
26.00	Iron socket bolt of approved quality fitted and fixed complete.					
26.10	150mm long x 10mm dia bolt.	14.000	Nos	71.27	998.00	Rupees Nine Hundred NinetyEight Only
26.20	225mm long x 10mm dia bolt.	9.000	Nos	87.10	784.00	Rupees Seven Hundred EightyFour Only
27.00	Iron catch hook of approved quality fitted and fixed to shutter and chowkat. 6mm dia x 225mm long.	28.000	Nos	72.40	2,027.00	Rupees Two Thousand TwentySeven Only
28.00	Anodised aluminium D-type handle of approved quality manufactured from extruded section conforming to I.S. specification (I.S. 230/72) fitted and fixed complete: With continuous plate base (Hexagonal/ Round rod). 100 mm grip x 10 mm dia rod.	9.000	Nos	78.05	702.00	Rupees Seven Hundred Two Only
29.00	Renewing wooden sash bar 50mm. X 35mm. Upto 1200mm length with new coach screws and flat iron clamps (40mm. X 6mm.) fitted and fixed complete in any position. Local Sal.	4.000	Nos	234.16	937.00	Rupees Nine Hundred ThirtySeven Only
30.00	Iron door ring of approved quality fitted and fixed with nut and washer complete. 50 mm dia.	28.000	Nos	19.23	538.00	Rupees Five Hundred ThirtyEight Only
31.00	Iron hasp bolt of approved quality fitted and fixed complete (oxidised) with 16mm dia rod with centre bolt and round fitting. 250mm long.	4.000	Nos	179.86	719.00	Rupees Seven Hundred Nineteen Only
32.00	Supplying best Indian sheet glass panes set in putty and fitted and fixed with nails and putty complete. (In all floors for internal wall & upto 6 m height for external wall) 3 mm thick (weighing 7.4 kg/Sq.m)	2.400	Sqm	539.58	1,295.00	Rupees One Thousand Two Hundred NinetyFive Only
33.00	White washing including cleaning and smoothening surface thoroughly. All floors : Two coats.	2882.680	Sqm	20.52	59,153.00	Rupees FiftyNine Thousand One Hundred FiftyThree Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
34.00	Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	279.748	Sqm	42.99	12,025.00	Rupees Twelve Thousand TwentyFive Only
35.00	Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	47.833	Sqm	32.80	1,569.00	Rupees One Thousand Five Hundred SixtyNine Only
36.00	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 :					
36.10	On timber or plastered surface : With super gloss (hi-gloss) - One coat (with any shade except white)	279.748	Sqm	61.08	17,088.00	Rupees Seventeen Thousand EightyEight Only
36.20	On steel or other metal surface : With super gloss (hi-gloss) - One coat (with any shade except white)	47.833	Sqm	57.69	2,760.00	Rupees Two Thousand Seven Hundred Sixty Only
37.00	Dismantling wash basin with brackets with or without waste fittings.	3.000	Nos	39.59	119.00	Rupees One Hundred Nineteen Only
38.00	Supplying, fitting and fixing white vitreous china best quality approved make wash basin with C.I. brackets on 75 mm X 75 mm wooden blocks, C.P. waste fittings of 32 mm dia., one approved quality brass C.P. pillar cock of 15 mm dia., C.P. chain with rubber plug of 30 mm dia., approved quality P.V.C. waste pipe with C.P. nut 32 mm dia., 900 mm long approved quality P.V.C. connection pipe with heavy brass C.P. nut including mending good all damages and painting the brackets with two coats of approved paint. 550 mm X 400 mm size.	3.000	Nos	2,497.69	7,493.00	Rupees Seven Thousand Four Hundred NinetyThree Only
39.00	Dismantling pillar cock of wash basin.	4.000	Nos	10.18	41.00	Rupees FourtyOne Only
40.00	Supplying, fitting and fixing pillar cock of approved make. CP Pillar Cock Super Deluxe with Aerator - 15 mm. (Equivalent to Code No. 508 & Model No. Tropical / Sumthing Special of ESSCO or similar brand).	4.000	Nos	669.67	2,679.00	Rupees Two Thousand Six Hundred SeventyNine Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
41.00	Removal of rubbish,earth etc. from the working site and disposal of the same beyond the compound, in conformity with the Municipal / Corporation Rules for such disposal, loading into truck and cleaning the site in all respect as per direction of Engineer in chage.	14.689	Cum	187.78	2,758.00	Rupees Two Thousand Seven Hundred FiftyEight Only
<b>Total</b>					<b>4,25,321.00</b>	

Rupees Four Lakh TwentyFive Thousand Three Hundred TwentyOne Only



Executive Engineer  
Kolkata south-I Division  
Housing directorate

SL.NO. 03

Probable items of specific priced schedule with approximate quantities in connection with the Repairing work such as plastering, tiles work at toilet & kitchen, wood work etc. with allied works at Flat No. 2/2, 10/2, 1/1, 10/8, 12/3, 12/4, 12/2 at CHE Regent Park, Kolkata, during the year 2018-19 Kolkata.

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
1.00	Cleaning the concrete surface by removing dirt and debris, marking defective locations and removing loose concrete by careful stripping until hard surface is exposed, cutting the concrete to regular shape, wire brushing the exposed surface and removing debris from site complete as per direction of the Engineer - in - Charge.	67.650	Sqm	101.81	6,887.00	Rupees Six Thousand Eight Hundred EightySeven Only
2.00	Stripping off worn out plaster and raking out joints of walls, celings etc. upto any height and in any floor including removing rubbish within a lead of 75m as directed.	158.770	Sqm	21.49	3,412.00	Rupees Three Thousand Four Hundred Twelve Only
3.00	Dismantling artificial stone flooring upto 50 mm. thick by carefully chiselling without damaging the base and removing rubbish as directed within a lead of 75 m.	34.563	Sqm	56.56	1,955.00	Rupees One Thousand Nine Hundred FiftyFive Only
4.00	Dismantling all types of plain cement concrete works, stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m. In ground floor including roof. upto 150 mm. thick.	1.972	Cum	1,062.20	2,095.00	Rupees Two Thousand NinetyFive Only
5.00	Dismantling R.C. floor, roof, beams etc. including cutting rods and removing rubbish as directed within a lead of 75 m. including stacking of steel bars.	1.074	Cum	2,212.63	2,376.00	Rupees Two Thousand Three Hundred SeventySix Only
6.00	Labour for laying single brick flat soling including ramming and dressing bed to proper level and filling joints with powdered earth.	19.720	Sqm	45.25	892.00	Rupees Eight Hundred NinetyTwo Only
7.00	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete.					
7.10	Depth of excavation not exceeding 1,500 mm. Depth of excavation not exceeding 1,500 mm.	51.095	Cum	134.92	6,894.00	Rupees Six Thousand Eight Hundred NinetyFour Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
7.20	Depth of excavation for additional depth beyond 1,500 mm. and upto 3,000 mm. but not requiring shoring.	9.978	Cum	217.62	2,171.00	Rupees Two Thousand One Hundred SeventyOne Only
8.00	Earth work in filling in foundation trenches or plinth with good earth, in layers not exceeding 150 mm. including watering and ramming etc. layer by layer complete. With earth obtained from excavation of foundation.	58.600	Cum	87.71	5,140.00	Rupees Five Thousand One Hundred Fourty Only
9.00	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand.	25.955	Sqm	408.36	10,599.00	Rupees Ten Thousand Five Hundred NinetyNine Only
10.00	Brick work with 1st class bricks in cement mortar (1:6). In foundation and plinth.	1.006	Sqm	6,123.19	6,160.00	Rupees Six Thousand One Hundred Sixty Only
11.00	125 mm. thick brick work with 1st class bricks in cement mortar (1:4) in ground floor.	0.768	Sqm	832.56	639.00	Rupees Six Hundred ThirtyNine Only
12.00	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 required bracing for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor). 25 mm to 30 mm thick wooden shuttering as per decision & direction of Engineer In-Charge.	6.875	Sqm	378.95	2,605.00	Rupees Two Thousand Six Hundred Five Only
13.00	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per drawing and direction. Tor steel/Mild Steel . SAIL/ TATA/RINL	0.123	M.T	80,785.78	9,937.00	Rupees Nine Thousand Nine Hundred ThirtySeven Only
14.00	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. Pakur Variety	1.074	Cum	6,777.15	7,279.00	Rupees Seven Thousand Two Hundred SeventyNine Only
15.00	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement,if any, in ground floor as per relevant IS codes. Pakur Variety	4.281	Cum	6,154.79	26,349.00	Rupees TwentySix Thousand Three Hundred FourtyNine Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
16.00	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.	67.650	Sqm	99.55	6,734.00	Rupees Six Thousand Seven Hundred ThirtyFour Only
17.00	Cement concrete (1:1.5:3) with graded stone chips 5.6 mm size without hexagonal square mesh wire netting, I.R.C. fabric mesh or X.P. M. fitted and fixed after tying the existing reinforcement on concrete without distributing the same and with proper scarping and cleaning the reinforcement and disturbed concrete with wire brush etc. after applying a coat of cement including the cost of wire netting I.R.C or X. P. M. & cost of all handling and scaffolding complete as per direction of Engineer-in -charge. 25 mm thick.	67.650	Sqm	360.85	24,412.00	Rupees TwentyFour Thousand Four Hundred Twelve Only
18.00	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.					
18.10	With 1:4 cement mortar, 10 mm thick plaster, Ground Floor	67.650	Sqm	150.45	10,178.00	Rupees Ten Thousand One Hundred SeventyEight Only
18.20	With 1:6 cement mortar, 20 mm thick plaster, Ground Floor	118.595	Sqm	197.96	23,477.00	Rupees TwentyThree Thousand Four Hundred SeventySeven Only
18.30	With 1:6 cement mortar, 15 mm thick plaster, Third Floor	24.530	Sqm	184.39	4,523.00	Rupees Four Thousand Five Hundred TwentyThree Only
18.40	With 1:6 cement mortar, 15 mm thick plaster, Ground Floor	17.355	Sqm	170.81	2,964.00	Rupees Two Thousand Nine Hundred SixtyFour Only
19.00	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc.	5.105	Sqm	38.46	196.00	Rupees One Hundred NinetySix Only
20.00	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.					

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
20.10	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. Area of each tile above 0.09 Sq.m, Coloured decorative.	4.163	Sqm	854.06	3,555.00	Rupees Three Thousand Five Hundred FiftyFive Only
20.20	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. Area of each tile upto 0.09 Sq.m, Coloured decorative.	15.645	Sqm	1,254.50	19,627.00	Rupees Nineteen Thousand Six Hundred TwentySeven Only
21.00	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 in Ground Floor. Slab Thickness 20 to 25 mm	4.565	Sqm	727.36	3,320.00	Rupees Three Thousand Three Hundred Twenty Only
22.00	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand.	5.916	Cum	1,059.04	6,265.00	Rupees Six Thousand Two Hundred SixtyFive Only
23.00	Artificial stone in floor, dado, staircase etc with cement concrete (1:2:4) with stone chips, laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (1:2) including smooth finishing and rounding off corners including raking out joints or roughening of concrete surface and application of cement slurry before flooring works using cement @ 1.75 kg/sq.m all complete including all materials and labour. In ground floor. 3 mm. thick topping (High polishing grinding on this item is not permitted with ordinary cement). Using grey cement. 25 mm. thick.	31.610	Sqm	308.82	9,762.00	Rupees Nine Thousand Seven Hundred SixtyTwo Only
24.00	R.C. shelves (1:1.5:3) either precast or cast in situ with stone chips and necessary reinforcement upto 1% (0.8% main and 0.2% distribution bars), shuttering etc. and 10 mm. thick cement plaster (1:4) including neat cement finishing and cutting chase fitting and fixing in position, mending good damages as necessary complete. In ground floor. 50 mm. Thick panels. SAIL/ TATA/RINL.	1.200	Sqm	1,384.59	1,662.00	Rupees One Thousand Six Hundred SixtyTwo Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
25.00	Labour for taking out door and window frame including shutter for repair or replacement of different parts of the frame & refixing the same including mending good all damaes complete. Upto area 2.5 Sq.m	1.080	Sqm	134.61	145.00	Rupees One Hundred FourtyFive Only
26.00	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. Sal : Malayasian	0.027	Cum	94,136.20	2,542.00	Rupees Two Thousand Five Hundred FourtyTwo Only
27.00	Panel shutters of door and window, as per design (each panel consisting of single plank without joint), including fitting and fixing the same in position but excluding the cost of hinge and other fittings. In ground floor. 35mm thick shutters with 19mm thick panel of size 30 to 45 cm. Sishu, Gamar, Champ,Badam,Bhola, Mogra, Hallak.	0.693	Sqm	3,334.78	2,311.00	Rupees Two Thousand Three Hundred Eleven Only
28.00	Z-batten shutters of door and window as per design havings tongued and groovehalf lap jointed as per direction of the Engineer-in-Charge including fitting and fixing shutter in position, but excluding the cost of hinges and other fittings in ground floor.Shutter with 19mm thick planks, 19mm thick battens. Sishu, Gamar, Champ, Badam, Bhola, Morga, Hallak.	0.880	Sqm	3,110.80	2,738.00	Rupees Two Thousand Seven Hundred ThirtyEight Only
29.00	Taking out M.S. or W.I. Grills from wooden frame including cutting lugs from masonry wall and refitting the same and mending good damages after repairs. (Excluding the cost of necessary repair of damages) or doing any other necessary works.	6.000	Nos	111.99	672.00	Rupees Six Hundred SeventyTwo Only
30.00	Easing door and windows.	16.000	Nos	19.23	308.00	Rupees Three Hundred Eight Only
31.00	Renewing M.S. clamps for door and window frame made of flat bent bar, end bifurcated with necessary screws etc. In cement concrete(1:2:4) including cutting of brick work/concrete work as per direction. 40mm X 6mm, 125mm Length	12.000	Nos	42.99	516.00	Rupees Five Hundred Sixteen Only
32.00	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark.					
32.10	75mm. X 47mm. X 1.70mm.	8.000	Nos	35.07	281.00	Rupees Two Hundred EightyOne Only
32.20	100mm. X 58mm. X 1.90mm.	4.000	Nos	53.17	213.00	Rupees Two Hundred Thirteen Only



<u>Sl. No.</u>	<u>Description of Item</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
33.00	Iron socket bolt of approved quality fitted and fixed complete. 225mm long x 10mm dia bolt.	6.000	Nos	87.10	523.00	Rupees Five Hundred TwentyThree Only
34.00	Supplying best Indian sheet glass panes set in putty and fitted and fixed with nails and putty complete. (In all floors for internal wall & upto 6 m height for external wall) 3 mm thick (weighing 7.4 kg/Sq.m)	1.350	Sqm	539.58	728.00	Rupees Seven Hundred TwentyEight Only
35.00	Iron hasp bolt of approved quality fitted and fixed complete (oxidised) with 16mm dia rod with centre bolt and round fitting. 250mm long.	1.000	Nos	179.86	180.00	Rupees One Hundred Eighty Only
36.00	Dry Distemparing to interior walls or ceiling including cleaning, washing, smoothening surface. Two coat.	219.060	Sqm	55.43	12,142.00	Rupees Twelve Thousand One Hundred FourtyTwo Only
37.00	White washing including cleaning and smoothening surface thoroughly. All floors : Two coats.	329.080	Sqm	20.52	6,753.00	Rupees Six Thousand Seven Hundred FiftyThree Only
38.00	Removal of rubbish,earth etc. from the working site and disposal of the same beyond the compound, in conformity with the Municipal / Corporation Rules for such disposal, loading into truck and cleaning the site in all respect as per direction of Engineer in chage.	12.500	Cum	187.78	2,347.00	Rupees Two Thousand Three Hundred FourtySeven Only
39.00	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.	1.000	Nos	92.76	93.00	Rupees NinetyThree Only
40.00	Dismantling sink with brackets with or without waste fittings. Above 450 mm and upto 600 mm length.	1.000	Nos	58.82	59.00	Rupees FiftyNine Only
41.00	Supplying, fitting and fixing stainless steel sink complete with waste fittings and two coats of painting of C.I. brackets. Sink with drain board 1050 mm X 450 mm X 180 mm	1.000	Nos	5,662.79	5,663.00	Rupees Five Thousand Six Hundred SixtyThree Only
42.00	Supplying, fitting and fixing bib cock or stop cock. PTMT (Polytetra Bib Cock / Stop Cock ( Prayag or equivalent) 15 mm	20.000	Nos	174.20	3,484.00	Rupees Three Thousand Four Hundred EightyFour Only
43.00	Supplying, fitting and fixing C.I. round grating.	3.000	Nos	70.13	210.00	Rupees Two Hundred Ten Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
44.00	Supplying, fitting and fixing CPVC (Chlorinated Polyvinyl Chloride) pipes of approved make conforming to IS-15778: 2007 . with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, longscrow, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials in any position above ground. For Exposed Work, CPVC Pipes Class-1, SDR-11, 20 mm	44.350	Meter	161.76	7,174.00	Rupees Seven Thousand One Hundred SeventyFour Only
45.00	Supply of Chlorinated Polyvinyl Chloride (CPVC) pipes & fittings conforming to IS-15778: 2007 Z) Compact Compact Ball Valve with SS Handle For CPVC/ UPVC Fittings. (As per ASTM D 2467, Schedule 80)					
45.10	20 mm Dia.	4.000	Nos	245.47	982.00	Rupees Nine Hundred EightyTwo Only
45.20	40 mm Dia.	1.000	Nos	797.50	797.00	Rupees Seven Hundred NinetySeven Only
46.00	Supplying, fitting and fixing Peet's valve fullway gunmetal standard pattern best quality of approved brand bearing I.S.I. marking with fittings (tested to 21 kg per sq. cm.). 40 mm dia.	1.000	Nos	1,861.96	1,862.00	Rupees One Thousand Eight Hundred SixtyTwo Only
47.00	Supplying, fitting and fixing PVC pipes of approved make of Schedule 80 (medium duty) conforming to ASTM D - 1785 and threaded to match with GI Pipes as per IS : 1239 (Part - I). with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, longscrow, 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 and two coats of painting with approved paint in any position above ground. For Exposed Work PVC Pipes (Dia).					
47.10	15 mm dia.	7.500	Meter	114.25	857.00	Rupees Eight Hundred FiftySeven Only
47.20	20 mm dia.	9.500	Meter	145.92	1,386.00	Rupees One Thousand Three Hundred EightySix Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
47.30	40 mm dia.	21.500	Meter	330.31	7,102.00	Rupees Seven Thousand One Hundred Two Only
48.00	Supplying, fitting and fixing of G. I. pipes of TATA make including necessary sockets. 20 mm dia. Light quality.	6.000	Meter	214.93	1,290.00	Rupees One Thousand Two Hundred Ninety Only
49.00	Supplying, fitting and fixing of long screw (150 mm long) of TATA make with sockets (TATA make) and jamnut.					
49.10	40 mm dia.	1.000	Nos	122.17	122.00	Rupees One Hundred TwentyTwo Only
49.20	20 mm dia.	4.000	Nos	58.82	235.00	Rupees Two Hundred ThirtyFive Only
50.00	Supplying, fitting and fixing of of G.I. cross. 20 mm dia.	4.000	Nos	74.66	299.00	Rupees Two Hundred NinetyNine Only
51.00	Cutting hole through wall, roof or cornice and mending good all damages.	6.000	Nos	76.92	462.00	Rupees Four Hundred SixtyTwo Only
52.00	Dismantling H.C.I. pipe with fittings including melting lead caulked joints. 100 mm	36.000	Meter	72.40	2,606.00	Rupees Two Thousand Six Hundred Six Only
53.00	Supplying with labour charge for fitting of UPVC pipes (B Type) & fittings conforming to IS-13592-1992.					
53.10	Single Socketed 3 Meter Length, 110 mm.	49.400	Meter	394.79	19,503.00	Rupees Nineteen Thousand Five Hundred Three Only
53.20	Fittings, Plain Bend, 110 mm	3.000	Nos	135.74	407.00	Rupees Four Hundred Seven Only
53.30	Fittings, Door Tee(LH) & (RH), 110 mm	12.000	Nos	352.93	4,235.00	Rupees Four Thousand Two Hundred ThirtyFive Only
53.40	Fittings, Door Tee, 110 mm	12.000	Nos	220.58	2,647.00	Rupees Two Thousand Six Hundred FourtySeven Only
53.50	Fittings, 125/110 P Trap with W.C. Ring 75 mm, 110 mm	12.000	Nos	384.61	4,615.00	Rupees Four Thousand Six Hundred Fifteen Only
53.60	Fittings, W.C. Connector (450 mm long) W / lipring 75 mm	12.000	Nos	313.34	3,760.00	Rupees Three Thousand Seven Hundred Sixty Only
54.00	Renewing C.I. clamp for pipe including cutting hole in wall etc. 100 mm	12.000	Nos	162.89	1,955.00	Rupees One Thousand Nine Hundred FiftyFive Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
55.00	Renewing, fitting & fixing Cast iron soil pipe only conforming to I.S. 3989/ 2009 and I.S. 1729/2002 with bobbins, nails etc. including making holes in the wall, floor etc. and cutting trenches etc. in any floor through masonry concrete, if necessary, and mending good damages with necessary jointing materials and painting two coats to the exposed surface with approved paint complete. With valamoid joints including sealing with sand cement mortar (4:1) upto quarter depth. 100 mm dia. (internal)	12.000	Meter	817.18	9,806.00	Rupees Nine Thousand Eight Hundred Six Only
56.00	Supplying, fitting & fixing Cast iron single branch equal with door conforming to I.S. 1729/2002 including joining and painting two coats to the exposed surface with approved paint complete. With valamoid joints including sealing the top with cement mortar (4:1). 100 mm dia.	3.000	Nos	898.17	2,695.00	Rupees Two Thousand Six Hundred NinetyFive Only
57.00	Constructing Inspection pit of inside measurement 600mm X 600mm X upto 600mm (depth) with 250 mm thick 1st. class brick work in cement mortar (1:4) on all sides, bottom of the pit consisting of 100 mm thick cement concrete (1:3:6) with stone chips over a layer of jhama brick flat soling, 15 mm thick (1:4) cement plaster to inside walls and out-side walls upto G.L. and 20 mm.thick (1:4) plaster to bottom of the pit....reinforced cement polymer concrete manhole /gully pit cover . 1 MT load bearing capacity round manhole cover provided with two lifter hook with matching frame of size Cover: 450 mm X 40 mm, Frame: 540 mm X 80 mm, opening: 360mm, Weight: 34 Kg. (approx)	2.000	Nos	9,230.59	18,461.00	Rupees Eighteen Thousand Four Hundred SixtyOne Only
58.00	Supplying, fitting and fixing in position reinforced cement polymer concrete manhole /gully pit cover with matching frame.As per I.S-12592(M.D) 1 MT load bearing capacity round manhole cover provided with two lifter hook with matching frame of sizeCover: 450 mm X 40 mm Frame: 540 mm X 80 mm opening: 360mm Weight: 34 Kg. (approx)	9.000	Nos	1,108.58	9,977.00	Rupees Nine Thousand Nine Hundred SeventySeven Only
59.00	Cleaning and disinfecting upto 2000 litre Water Tank including masonry reservoir.	59.000	Nos	175.34	10,345.00	Rupees Ten Thousand Three Hundred FourtyFive Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
60.00	Removing sludge from septic tank, soak well etc. by methor labour including disposal of the same outside the compound as directed. Upto 30 users: Beyond a lead of 150 metre and outside the Municipal limit.	2.000	Nos	3,337.04	6,674.00	Rupees Six Thousand Six Hundred SeventyFour Only
<b>Total</b>					<b>3,74,227.00</b>	

Rupees Three Lakh SeventyFour Thousand Two Hundred TwentySeven Only



Executive Engineer  
Kolkata south-I Division  
Housing directorate

SL.NO. 04

Probable items of specific priced schedule with approximate quantities in connection with the Sinking of 1(one) No. deep tube well having 80 X 150 mm dia. and 200 meter depth with PVC pipe by water jet method at Kustia Housing Estate during the year 2018-19.

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
1.00	Labour for boring tube well of required dia. by water jet system through any type of soil strata including hire and labour charges for boring pipes, scaffolding, tools and plants as necessary and taking out them and lowering pipes, strainers, blind pipe etc. and fitting and fixing the same complete including bucket washing and other incidental works in the connection. The tube well should have a minimum 50 mm gap in between the outside of the tubewell pipe and the bore.					
1.10	For depth upto 150 metre for 80 mm dia. tube well wuth top enlargement of 150 mm dia.					
1.11	150 mm dia. boring etc. top enlargement	36.600	Meter	774.87	28,360.00	Rupees TwentyEight Thousand Three Hundred Sixty Only
1.12	80 mm dia. boring etc.	163.400	Meter	324.65	53,049.00	Rupees FiftyThree Thousand FourtyNine Only
2.00	Supply of PVC pipes & fittings Schedule 80 (medium duty) conforming to ASTM D - 1785 and threaded to match with GI Pipes as per IS : 1239 (Part - I).					
2.10	PVC Pipes.					
2.11	80 mm dia.	126.800	Meter	653.83	82,906.00	Rupees EightyTwo Thousand Nine Hundred Six Only
2.12	150 mm dia.	36.600	Meter	1,606.30	58,791.00	Rupees FiftyEight Thousand Seven Hundred NinetyOne Only
3.00	Labour for making arrangement for showing verticality test including the cost for hire charges of tools and plants, scaffolding, labour etc. all complete.	1.000	L.S	1,036.18	1,036.00	Rupees One Thousand ThirtySix Only
4.00	Supplying, fitting and fixing heavy type bell mouth reducing socket. 75 mm X 150 mm.	1.000	Nos	696.82	697.00	Rupees Six Hundred NinetySeven Only
5.00	Supplying PVC strainer of approved make with adapter conforming to I.S.12818 specifications. 80 mm dia.	36.600	Meter	556.55	20,370.00	Rupees Twenty Thousand Three Hundred Seventy Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
6.00	Providing 200 mm centre guide. With Clamp.	30.000	Nos	144.79	4,344.00	Rupees Four Thousand Three Hundred FortyFour Only
7.00	Supplying, fitting and fixing G.I. cap at top. 150 mm.	1.000	Nos	568.99	569.00	Rupees Five Hundred SixtyNine Only
8.00	Supplying, fitting and fixing 300 mm M.S. housing clamp of approved quality.	1.000	Set	2,528.23	2,528.00	Rupees Two Thousand Five Hundred TwentyEight Only
9.00	Supplying, fitting and fixing steel cutter piece upto 450 mm long with sockets. 75 mm dia.	1.000	Nos	455.87	456.00	Rupees Four Hundred FiftySix Only
10.00	Washing and developing tube well with air compressor pump and engine for 8 (eight) hours continuous pumping per day with necessary arrangements for testing the yield in gallons per hour with 'V' notch including hire and labour charges for all tools and plants and scaffolding as required.	3.000	Day	8,526.99	25,581.00	Rupees TwentyFive Thousand Five Hundred EightyOne Only
11.00	Packing the annular space between the outside of the tube well pipes & strainers and the bore with pea size washed gravel of approved quality having size from 2 mm to 5 mm or the size approved by the Engineer-incharge including cost of all materials labour and equipment complete.	4.112	Cum	2,295.20	9,438.00	Rupees Nine Thousand Four Hundred ThirtyEight Only
12.00	Packing annular space between the outside of the housing pipe and the bore with puddled clay balls of approved size as per direction of the Engineer-in-charge with cost of all materials and labour complete.	0.453	Cum	471.71	214.00	Rupees Two Hundred Fourteen Only
13.00	Collecting sample of water for bacteriological and chemical test from any depth at any time during execution of work including hire and labour charges for tools and plants and sterilising the equipments, paying all charges and fees, testing etc. complete in all respect as per direction.	1.000	L.S	1,392.51	1,393.00	Rupees One Thousand Three Hundred NinetyThree Only
14.00	Geophysical investigation of the aquifer by electrologging system with all tools and plants as necessary including supply of necessary report.	1.000	Set	9,329.01	9,329.00	Rupees Nine Thousand Three Hundred TwentyNine Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
15.00	Supplying, fitting and fixing PVC pipes of approved make of Schedule 80 (medium duty) conforming to ASTM D - 1785 and threaded to match with GI Pipes as per IS : 1239 (Part - I). with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, 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 and two coats of painting with approved paint in any position above ground. For Exposed Work PVC Pipes (Dia). 50 mm	60.000	Meter	434.38	26,063.00	Rupees TwentySix Thousand SixtyThree Only

Total      3,25,124.00

Rupees Three Lakh TwentyFive Thousand One Hundred TwentyFour Only



Executive Engineer  
Kolkata south-I Division  
Housing directorate



SL.NO. 05

Probable items of specific priced schedule with approximate quantities in connection with the Sinking of 1(one) No. deep tube well having 80 X 150 mm dia. and 300 meter depth with PVC pipe by water jet method at Parui Housing Estate, B.R.Road during the year 2018-19.

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
1.00	Labour for boring tube well of required dia. by water jet system through any type of soil strata including hire and labour charges for boring pipes, scaffolding, tools and plants as necessary and taking out them and lowering pipes, strainers, blind pipe etc. and fitting and fixing the same complete including bucket washing and other incidental works in the connection. The tube well should have a minimum 50 mm gap in between the outside of the tubewell pipe and the bore.					
1.10	For depth upto 150 metre for 80 mm dia. tube well wuth top enlargement of 150 mm dia.					
1.11	150 mm dia. boring etc. top enlargement	36.600	Meter	774.87	28,360.00	Rupees TwentyEight Thousand Three Hundred Sixty Only
1.12	80 mm dia. boring etc.	263.400	Meter	324.65	85,514.00	Rupees EightyFive Thousand Five Hundred Fourteen Only
2.00	Supply of PVC pipes & fittings Schedule 80 (medium duty) conforming to ASTM D - 1785 and threaded to match with GI Pipes as per IS : 1239 (Part - I).					
2.10	PVC Pipes.					
2.11	80 mm dia.	226.800	Meter	653.83	1,48,289.00	Rupees One Lakh FourtyEight Thousand Two Hundred EightyNine Only
2.12	150 mm dia.	36.600	Meter	1,606.30	58,791.00	Rupees FiftyEight Thousand Seven Hundred NinetyOne Only
3.00	Labour for making arrangement for showing verticality test including the cost for hire charges of tools and plants, scaffolding, labour etc. all complete.	1.000	L.S	1,036.18	1,036.00	Rupees One Thousand ThirtySix Only
4.00	Supplying, fitting and fixing heavy type bell mouth reducing socket. 75 mm X 150 mm.	1.000	Nos	696.82	697.00	Rupees Six Hundred NinetySeven Only
5.00	Supplying PVC strainer of approved make with adapter conforming to I.S.12818 specifications. 80 mm dia.	36.600	Meter	556.55	20,370.00	Rupees Twenty Thousand Three Hundred Seventy Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
6.00	Providing 200 mm centre guide. With Clamp.	50.000	Nos	144.79	7,240.00	Rupees Seven Thousand Two Hundred Fourty Only
7.00	Supplying, fitting and fixing G.I. cap at top. 150 mm.	1.000	Nos	568.99	569.00	Rupees Five Hundred SixtyNine Only
8.00	Supplying, fitting and fixing 300 mm M.S. housing clamp of approved quality.	1.000	Set	2,528.23	2,528.00	Rupees Two Thousand Five Hundred TwentyEight Only
9.00	Supplying, fitting and fixing steel cutter piece upto 450 mm long with sockets. 75 mm dia.	1.000	Nos	455.87	456.00	Rupees Four Hundred FiftySix Only
10.00	Washing and developing tube well with air compressor pump and engine for 8 (eight) hours continuous pumping per day with necessary arrangements for testing the yield in gallons per hour with 'V' notch including hire and labour charges for all tools and plants and scaffolding as required.	3.000	Day	8,526.99	25,581.00	Rupees TwentyFive Thousand Five Hundred EightyOne Only
11.00	Packing the annular space between the outside of the tube well pipes & strainers and the bore with pea size washed gravel of approved quality having size from 2 mm to 5 mm or the size approved by the Engineer-incharge including cost of all materials labour and equipment complete.	5.214	Cum	2,295.20	11,967.00	Rupees Eleven Thousand Nine Hundred SixtySeven Only
12.00	Packing annular space between the outside of the housing pipe and the bore with puddled clay balls of approved size as per direction of the Engineer-in-charge with cost of all materials and labour complete.	0.453	Cum	471.71	214.00	Rupees Two Hundred Fourteen Only
13.00	Collecting sample of water for bacteriological and chemical test from any depth at any time during execution of work including hire and labour charges for tools and plants and sterilising the equipments, paying all charges and fees, testing etc. complete in all respect as per direction.	1.000	L.S	1,392.51	1,393.00	Rupees One Thousand Three Hundred NinetyThree Only
14.00	Geophysical investigation of the acquifer by electrologging system with all tools and plants as necessary including supply of necessary report.	1.000	Set	9,329.01	9,329.00	Rupees Nine Thousand Three Hundred TwentyNine Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
15.00	Supplying, fitting and fixing PVC pipes of approved make of Schedule 80 (medium duty) conforming to ASTM D - 1785 and threaded to match with GI Pipes as per IS : 1239 (Part - I). with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, 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 and two coats of painting with approved paint in any position above ground. For Exposed Work PVC Pipes (Dia). 50 mm	30.000	Meter	434.38	13,031.00	Rupees Thirteen Thousand ThirtyOne Only

Total      4,15,365.00

Rupees Four Lakh Fifteen Thousand Three Hundred SixtyFive Only



Executive Engineer  
Kolkata south-I Division  
Housing directorate