



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

Memo. No. 1335/X-159

Dated: 22/07/2019

**NOTICE INVITING TENDER NO. 06 OF 2019-20 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, VAT 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 wbhousing.gov.in 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 wbhousing.gov.in
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	05/08/2019 up to 2:00 P.M.
11. Date of Opening Tender	06/08/2019 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 Tenders 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. 1335/1/(21)/X-159

Dated: 22/07/2019

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

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.	Emergent Repair & Construction of septic tank, soak pit, inspection pit & underground S.W. Line etc. With other allied work at CHE, Regent Park, during the year 2019-20.	2,36,379.00	4,728.00	2911 (ii)	Free of Cost (Download from Departmental Website/ wbhousing.gov.in)	Kolkata South Sub-Division -II	20 (Twenty) Days	SOR of P.W.D.Govt. of W.B. w.e.f-1 st November 2017 & current corrigendum in Respective District
2.	Replacement & Renovation work at R H E at 44 Iron Side Road, Kolkata 700019 - Beatification of Central Square by providing hedge, plantation, U/G drainage with allied works, raising of gully pit & inspection pit of sewerage system, provision of new gully pit at water logged area, repairing of entrance gate during the year 2019 - 20.	4,70,267.00	9405.00	2911 (ii)		Kolkata South Sub-Division -I	45 (Forty five) Days	
3.	Maintenance and repairing work for of Two Storied Office Building within RHE at 84 Ibrahimpur Road, Kolkata 700032 for Office accommodation of the Executive Engineer, Kolkata South-I Division Under South Circle.	1,43,382.00	2868.00	2911 (ii)		Kolkata South Sub-Division -II	15 (Fifteen) Days	
4.	Replacement & Renovation work for Flat No. 43 at 28/1 Gariahat Road Govt. Housing Estate (HIG), Kolkata under Kolkata South I Division during the year 2019-20.	1,39,303.00	2,786.00	2911 (ii)		Kolkata South Sub-Division -I	30 (Thirty) Days	
5.	Replacement & Renovation work for flat No. 48 (Block-V) and 25(Block III) including necessary painting and allied works at 28/1 Gariahat Road Govt. Housing Estate(HIG)Kolkata under Kolkata South I Division during the year 2018-19.	2,40,493.00	4,810.00	2911 (ii)		Kolkata South Sub-Division -I	30 (Thirty) Days	
6.	Replacement & Renovation work at RHE Moor Avenue with necessary wood work, Cementing work, Painting work, flooring work etc. and allied internal and external S & P works.	4,44,274.00	8,885.00	2911 (ii)		Kolkata South Sub-Division -II	30 (Thirty) Days	

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
7.	Replacement & Renovation work of dismantling of damaged R.C overhead tank and re-construction or replacement the same by P.V.C water storage tank for 3 (Three) number blocks, viz. LD, LE & I F including allied sanitary and plumbing works at Purba Barisha Govt. Housing Estate, Diamond Harbour Road, Kolkata-700063.	4,39,179.00	8,784.00	2911 (ii)	Free of Cost (Download from Departmental Website/ wbhousing.gov.in)	Kolkata South Sub-Division -III	30 (Thirty) Days	SOR of P. W.D. Govt. of W.B. w.e.f.1 st November 2017 & current corrigendum in Respective District
8.	Replacement & Renovation work for roof slab of Block RO, RL, RN, RC, RR, RS, RY, RP, RQ, RT, RG, RW, RE, by Grouting method of RHE ODEC Behala Under Kolkata South Sub Division -III.	4,78,418.00	9,568.00	2911 (ii)		Kolkata South Sub-Division -III	20 (Twenty) Days	
9.	Emergent special structural repair and renovation work of RHE Blocks at 25/1, 21/7, and 21/8 at CHE, Regent Park, during the year 2019-20.	1,37,566.00	2,751.00	2911 (ii)		Kolkata South Sub-Division -II	30 (Thirty) Days	
10.	Emergent work of drinking water pipe line work at RHE ODRC, 30 Diamond Harbour Road, Behala under Kolkata South Sub-Division -III for the year 2019-20.	1,85,695.00	3,714.00	2911 (ii)		Kolkata South Sub-Division -III	20 (Twenty) Days	
11.	Maintenance work 3 Nos. flat (H/1, G/2 and H/7) for both building and S & P works inside and outside at RHE Ashok avenue with allied works for the year 2019-20.	2,00,718.00	4,014.00	2911 (ii)		Kolkata South Sub-Division -II	30 (Thirty) 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. 06 of 2019 -20 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. | (a) If several sub-works are included they should be detailed in a separate list |
| [b] Estimated cost | Rs. | |
| [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 _____ 2019

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 _____ 2019

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 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 or 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 contractor 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 1st. 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 roller 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	558 Sq.m	1,116 Sq.m	
	b) On black top surface	650 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 Emergent Repair & Construction of septic tank, soak pit, inspection pit & underground S.W. Line etc. With other allied work at CHE, Regent Park, during the year 2019-20.

<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	Removing sludge from septic tank, soak well etc. by methor labour including disposal of the same outside the compound as directed. Upto 50 users: Beyond a lead of 150 metre and outside the Municipal limit.	1.000	Nos	3,303.00	3,303.00	Rupees Three Thousand Three Hundred Three Only
2.00	Cleaning silt of inspection pit.	11.000	Nos	154.00	1,694.00	Rupees One Thousand Six Hundred NinetyFour Only
3.00	Cleaning soak pit by removing the top slab and replacing inner filling with jhama bats and repairing the pit as necessary including fitting the slab.	1.000	Nos	1,347.00	1,347.00	Rupees One Thousand Three Hundred FourtySeven Only
4.00	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 ground floor including roof.	0.994	Cum	1,956.00	1,944.00	Rupees One Thousand Nine Hundred FourtyFour Only
5.00	Brick work with 1st class bricks in cement mortar (1:6). In foundation and plinth. In foundation and plinth.	2.295	Cum	5,413.00	12,423.00	Rupees Twelve Thousand Four Hundred TwentyThree Only
6.00	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand.	9.825	Sqm	361.00	3,547.00	Rupees Three Thousand Five Hundred FourtySeven Only
7.00	Cement concrete with graded jhama khoa (30 mm size) excluding shuttering In ground floor and foundation. 1:3:6 Proportion.	0.934	Sqm	4,761.00	4,447.00	Rupees Four Thousand Four Hundred FourtySeven Only
8.00	Supplying, fitting and fixing with cement jointing (3:1) salt glazed stoneware pipe including excavation of earth upto 1.50 metre depth in all sorts of soil both mixed or unmixed and refilling (but excluding concreting at bottom and sides). 150 mm.	39.300	Meter	334.00	13,126.00	Rupees Thirteen Thousand One Hundred TwentySix Only
9.00	Making connection with the existing pit.	18.000	Nos	88.00	1,584.00	Rupees One Thousand Five Hundred EightyFour 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>
10.00	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.	3.240	Sqm	273.00	885.00	Rupees Eight Hundred EightyFive Only
11.00	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.					
11.10	With 1:4 cement mortar. 20 mm thick plaster.	6.480	Sqm	194.00	1,257.00	Rupees One Thousand Two Hundred FiftySeven Only
11.20	With 1:6 cement mortar. 15 mm thick plaster.	15.840	Sqm	151.00	2,392.00	Rupees Two Thousand Three Hundred NinetyTwo Only
12.00	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc.	6.480	Sqm	34.00	220.00	Rupees Two Hundred Twenty Only
13.00	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.	7.2	Sqm	335.00	2,412.00	Rupees Two Thousand Four Hundred Twelve 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>
14.00	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 works in foundation and upto roof of ground floor/upto 4 m. Tor steel/Mild Steel. SAIL/ TATA/RINL.	0.072	M.T	71416.00	5,142.00	Rupees Five Thousand One Hundred FourtyTwo Only
15.00	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.	0.994	Cum	5999.72	5,964.00	Rupees Five Thousand Nine Hundred SixtyFour Only
16.00	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 size Cover: 450 mm X 40 mm. Frame: 540 mm X 80 mm, opening: 360mm, Weight: 34 Kg. (approx)	9	Nos	980.00	8,820.00	Rupees Eight Thousand Eight Hundred Twenty Only
17.00	Construction of septic tank of different capacities as per approved drawing with 1st class brick work in cement mortar(1:4)including two 560 mm dia. R.C.C.manhole cover(heavy type)of approved make supplied, fitted and fixed in the 100mm thick R.C.C(1:1.5:3)top slab with necessary fittings,20mm thick cement plaster(4:1)with neat cement finish to the internal ...supplying, fitting and fixing all necessary specials, fittings, S.W. tees, C.I. foot rest etc. .. @ 0.5% by weight of cement with all costs of labour and materials. For 50 users. With Pakur variety. (SAIL/TATA/RINL).	1	Nos	93571.00	93,571.00	Rupees NinetyThree Thousand Five Hundred SeventyOne 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	Construction of circular soak well 2.5metre deep in all types of sandy soils with dry brick work upto 1.6metre from the bottom having 150 mm intermediate cement brick work (1:4) band all round and cement brick work(1:4)upto 0.90 metre from top with 20mm thick cement plastering (1:4)to inside face upto the depth of cement brick as per direction complete in all respect with all costs of labour and materials. With 250 mm thick dry brick work and 250 mm thick cement brick work (1:6) and 1.00m inside dia. (SAIL/TATA/RINL).	1.000	Nos	16,858.00	16,858.00	Rupees Sixteen Thousand Eight Hundred FiftyEight Only
19.00	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	0.994	Cum	166.00	165.00	Rupees One Hundred SixtyFive Only
19.00	Surging of existing tube well with chemical treatment and bucket wash (prior to use of compressor machine) and developing the tube well with compressor machine at least 3 (three) days at 8 (eight) hours per day till the yield is obtained at least by 75% of the total specified yield of the tube well (measured by 'V' notch tank) and draw down is within the permissible limit of 10% variation and water so obtained after such washing and developing will be free from sand and bacteria for which test report from the Public Analyst is to be obtained. For tube well of size bigger than 100mm dia. with top enlargement to have yield of 6000 gallons per hour.	1.000	Nos	27,862.00	27,862.00	Rupees TwentySeven Thousand Eight Hundred SixtyTwo Only

Total 2,08,963.00

Add 12% GST 25,076.00

Add 1% Cess 2,340.00

Total 2,36,379.00

Rupees Two Lakh ThirtySix Thousand Three Hundred SeventyNine 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 Replacement & Renovation work at R H E at 44 Iron Side Road, Kolkata 700019 - Beatification of Central Square by providing hedge, plantation, U/G drainage with allied works, raising of gully pit & inspection pit of sewerage system, provision of new gully pit at water logged area, repairing of entrance gate during the year 2019 - 20.

<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	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 tacking the spoils within a lead of 75 m. as directed. Depth of excavation not exceeding 1,500 mm.	351.054	Cum	119.27	41,870.00	Rupees FourtyOne Thousand Eight Hundred Seventy Only
2.00	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.	107.412	Cum	936.21	1,00,560.00	Rupees One Lakh Five Hundred Sixty Only
3.00	Compacting Original Ground. Compacting original ground supporting subgrade Loosening of the ground upto a level of 300 mm below the subgrade level, watered, graded and compacted in layers to meet requirement of Tables 300.1 and 300.2 for subgrade construction as per Clause 305.3.4 of Specifications for Road & Bridge Works of MoRT&H (5th Revision).	208.836	Cum	55.50	11,590.00	Rupees Eleven Thousand Five Hundred Ninety Only
4.00	Earth work in filling in compound, tank, low land, ditches etc. with good earth, in layers not exceeding 150 mm. including breaking clods and consolidating the same by ramming and dressing complete. With carried earth arranged by the contractor within a radius exceeding 5 km. but not exceeding 10 km. including cost of carried earth.	168.461	Cum	512.36	86,313.00	Rupees EightySix Thousand Three Hundred Thirteen Only
5.00	Extra for manual compaction of earth by rammers / hand roller in 250 mm layers including watering etc. if required. (Borrow pit measurement).	168.461	Cum	20.00	3,369.00	Rupees Three Thousand Three Hundred SixtyNine Only
6.00	Supplying and fixing Bahia grass (Paspalum) healthy & fresh grasses including watering and maintenance of the lawn for 90 days till the grass form a thick and fit for mowing including supplying good earth fertilisers as required, as per direction of the EIC.	507.778	Sqm	304.64	1,54,689.00	Rupees One Lakh FiftyFour Thousand Six Hundred EightyNine 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	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.	104.418	Cum	166.00	17,333.00	Rupees Seventeen Thousand Three Hundred ThirtyThree Only

Total 4,15,724.00

Add 12% GST 49,887.00

Add 1% Cess 4,656.00

Total 4,70,267.00

Rupees Four Lakh Seventy Thousand Two Hundred SixtySeven 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 maintenance and repairing work for of Two Storied Office Building within RHE at 84 Ibrahimpur Road, Kolkata 700032 for Office accommodation of the Executive Engineer, Kolkata South-I Division Under South Circle.

<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	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand.	21.210	sqm	361.00	7,657.00	Rupees Seven Thousand Six Hundred FiftySeven Only
2.00	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. In ground floor including roof.	4.950	Sqm	50.00	248.00	Rupees Two Hundred FourtyEight Only
3.00	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.	21.210	sqm	273.00	5,790.00	Rupees Five Thousand Seven Hundred Ninety Only
4.00	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.	5.890	Cum	5,999.72	35,338.00	Rupees ThirtyFive Thousand Three Hundred ThirtyEight Only
5.00	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. . 25 mm to 30 mm thick wooden shuttering as per decision & direction of Engineer-In-Charge.	2.565	sqm	335.00	859.00	Rupees Eight Hundred FiftyNine 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	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	0.013	M.T	71,416.00	928.00	Rupees Nine Hundred TwentyEight Only
7.00	Brick work with 1st class bricks in cement mortar (1:6). In superstructure, ground floor	5.109	Cum	5,636.00	28,794.00	Rupees TwentyEight Thousand Seven Hundred NinetyFour Only
8.00	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 (Ground floor).					
8.10	With 1:6 cement mortar, 20 mm thick plaster.	26.594	sqm	175.00	4,654.00	Rupees Four Thousand Six Hundred FiftyFour Only
8.20	With 1:6 cement mortar, 15 mm thick plaster	33.650	sqm	151.00	5,081.00	Rupees Five Thousand EightyOne Only
8.30	With 1:4 cement mortar, 10 mm thick plaster.	21.210	sqm	133.00	2,821.00	Rupees Two Thousand Eight Hundred TwentyOne Only
9.00	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.	0.105	Cum	77,671.00	8,155.00	Rupees Eight Thousand One Hundred FiftyFive Only
10.00	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, 35mm thick shutters with 19mm thick panel.Sishu, Gamar, Champ, Badam, Bhola, Mogra, Hallak.	2.160	sqm	3,194.00	6,899.00	Rupees Six Thousand Eight Hundred NinetyNine 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>
11.00	Supplying, fitting and fixing M.S. clamps for door and window frame made of flat bent bar, end bifurcated with necessary screws etc. by cement concrete(1:2:4) as per direction. 40mm X 6mm, 250mm Length.	16.000	Nos	29.00	464.00	Rupees Four Hundred SixtyFour Only
12.00	M.S.or W.I. Ornamental grill of approved design joints continuously welded with M.S, W.I. Flats and bars of windows, railing etc. fitted and fixed with necessary screws and lugs in first floor.Grill weighing above 16 Kg./sq.mtr and above.	0.979	Qntl.	8,823.00	8,638.00	Rupees Eight Thousand Six Hundred ThirtyEight Only
13.00	Anodised aluminium barrel / tower / socket bolt (full covered) of approved manufactured from extruded section conforming to I.S. 204/74 fitted and fixed with cadmium plated screws:225mm long x 10mm dia. bolt.	2	Nos	84.00	168.00	Rupees One Hundred SixtyEight Only
14.00	Anodised aluminium butt hinges of approved quality manufactured from extruded section conforming to I.S. specification (I.S. 205/66) and fitted and fixed with cadmium plated screws:					
14.10	100 x 63 x 3.2mm.	12	Nos	72.00	864.00	Rupees Eight Hundred SixtyFour Only
14.20	75 x 63 x 3.2mm.	8	Nos	62.00	496.00	Rupees Four Hundred NinetySix Only
15.00	Anodised aluminium Aldrop / Sliding bolts of approved quality manufactured from extruded section conforming to I.S. specification (I.S. 2681/66) fitted and fixed complete. 250mm x 16mm dia bolt.	2	Nos	233.00	466.00	Rupees Four Hundred SixtySix Only
16.00	Taking out door shutter and rehangng the same by fixing aluminium sheet [0.457 mm] with proper nail etc.	2.52	sqm	603.00	1,520.00	Rupees One Thousand Five Hundred Twenty Only
17.00	Applying Interior grade Acrylic Primer of approved quality and brand on plastered or concrete surface old or new surface to receive Distemper/ Acrylic emulsion paint including scraping and preparing the surface throughly, complete as per manufacturer's specification and as per direction of the EIC.One Coat, Water based interior grade Acrylic Primer.	40.6355	sqm	30.80	1,252.00	Rupees One Thousand Two Hundred FiftyTwo Only
18.00	Acrylic Distemper to interior wall, ceiling with a coat of solvent based interior grade acrylic primer (as per manufacturer's specification) including cleaning and smoothing of surface. Two Coats.	40.635	sqm	70.00	2,844.00	Rupees Two Thousand Eight Hundred FourtyFour 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>
19.00	Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	18.029	sqm	38.00	685.00	Rupees Six Hundred EightyFive Only
20.00	Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	6.210	sqm	29.00	180.00	Rupees One Hundred Eighty Only
21.00	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.					
21.10	On timber or plastered surface :With super gloss (hi-gloss) -Two coats (with any shade except white).	18.029	sqm	81.00	1,460.00	Rupees One Thousand Four Hundred Sixty Only
21.20	On steel or other metal surface : :With super gloss (hi-gloss) -Two coats (with any shade except white).	6.210	sqm	79.00	491.00	Rupees Four Hundred NinetyOne Only

Total 1,26,752.00

Add 12% GST 15,210.00

Add 1% Cess 1,420.00

Total 1,43,382.00

Rupees One Lakh FourtyThree Thousand Three Hundred EightyTwo 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 Replacement & Renovation work for Flat No. 43 at 28/1 Gariahat Road Govt Housing Estate (HIG), Kolkata under Kolkata South I Division during the year 2019-20.

<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	Taking out shutter of door and window, dismantling by parts (for repair or replacement of damaged parts) , reassembling and refitting and rehangng same with old fittings but with new screws as necessary.	3.200	Sqm	126.00	403.00	Rupees Four Hundred Three Only
2.00	Supplying solid flush type doors of commercial quality, the timber frame consisting of top and bottom rails and side styles of well seasoned timber 65mm wide each and the entire frame fitted with 37.5mm wide battens places both ways in order to make the door of solid core and internal lipping with Garjan or similar wood veneers using phenol formaldehyde as glue etc. complete, including fitting, fixing shutters in position but excluding the cost of hinges and other fittings in ground floor. 35 mm thick shutters (single leaf).	2.100	Sqm	2,659.00	5,584.00	Rupees Five Thousand Five Hundred EightyFour Only
3.00	Glazed shutters of doors, windows, fan light, clerestory windows etc. as per design (with ordinary glass of 7.4kg./sq.m. 3mm. Thick) fitted with putty bed and teak wood bead and nails including fitting and fixing shutter in position but excluding the cost of hinges and other fittings. cost of glass, putty, wooded beads etc.will be paid separately. In ground floor. 35mm thick shutters.	1.100	Sqm	2,752.00	3,027.00	Rupees Three Thousand TwentySeven Only
4.00	Anodised aluminium butt hinges of approved quality manufactured from extruded section conforming to I.S. specification (I.S. 205/66) and fitted and fixed with cadmium plated screws:					
4.10	75 x 45 x 2.5mm.	6.000	Nos	52.00	312.00	Rupees Three Hundred Twelve Only
4.20	100 x 63 x 3.2mm.	6.000	Nos	72.00	432.00	Rupees Four Hundred ThirtyTwo Only
5.00	Anodised aluminium barrel / tower / socket bolt (full covered) of approved manufactured from extruded section conforming to I.S. 204/74 fitted and fixed with cadmium plated screws:					

<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>
5.10	100mm long x 10mm dia. bolt.	2.000	Nos	53.00	106.00	Rupees One Hundred Six Only
5.20	150mm long x 12mm dia. bolt.	2.000	Nos	88.00	176.00	Rupees One Hundred SeventySix Only
6.00	Supplying 'Godrej' mortice lock chromium plated with keys 6 levers including fitting & fixing complete.	1.000	Nos	1,954.00	1,954.00	Rupees One Thousand Nine Hundred FiftyFour Only
7.00	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.	34.080	Sqm	19.00	648.00	Rupees Six Hundred FourtyEight Only
8.00	Dismantling all types of plain cement concrete works, stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m. upto 150 mm. thick. In first floor.	0.776	Cum	989.00	767.00	Rupees Seven Hundred SixtySeven Only
9.00	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	31.040	Sqm	88.00	2,732.00	Rupees Two Thousand Seven Hundred ThirtyTwo Only
10.00	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.	31.040	Sqm	319.00	9,902.00	Rupees Nine Thousand Nine Hundred Two Only
11.00	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 First Floor.					
11.10	With 1:6 cement mortar, 20 mm thick plaster	34.080	Sqm	179.00	6,100.00	Rupees Six Thousand One Hundred 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>
11.20	With 1:4 cement mortar, 10 mm thick plaster	31.040	Sqm	137.00	4,252.00	Rupees Four Thousand Two Hundred FiftyTwo Only
12.00	Rendering the Surface of walls and ceiling with White Cement base water proof wall putty of approved make & brand.(1.5 mm thick)	65.120	Sqm	122.00	7,945.00	Rupees Seven Thousand Nine Hundred FourtyFive Only
13.00	Applying Interior grade Acrylic Primer of approved quality and brand on plastered or concrete surface old or new surface to receive Distemper/ Acrylic emulsion paint including scraping and preparing the surface throughly, complete as per manufacture r's specification and as per direction of the EIC. One Coat. Solvent based interior grade Acrylic Primer.	596.032	Sqm	33.70	20,086.00	Rupees Twenty Thousand EightySix Only
14.00	Applying Acrylic Emulsion Paint of approved make and brand on walls and ceiling including sand papering in intermediate coats including putty : (Two coats). Standard Quality.	596.032	Sqm	62.00	36,954.00	Rupees ThirtySix Thousand Nine Hundred FiftyFour Only
15.00	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 :					
15.10	On timber or plaster surface with super glos(hi-gloss). Two Coats (White in Shade).	94.010	Sqm	81.00	7,615.00	Rupees Seven Thousand Six Hundred Fifteen Only
15.20	On steef or other metal surface. with super gloss(hi-gloss). Two Coats (with any shade except white).	16.390	Sqm	79.00	1,295.00	Rupees One Thousand Two Hundred NinetyFive Only
16.00	Supplying, fitting and fixing best quality Indian make mirror 5.5 mm thick with silvering as per I.S.I. specifications supported on fibre glass frame of any colour, frame size 550 mm X 400 mm	2	Nos	613.00	1,226.00	Rupees One Thousand Two Hundred TwentySix Only
17.00	Supplying, fitting and fixing glass shelf with aluminium guard rails. Ordinary type with 5.5 mm sheet glass. 600 mm X 125 mm.	2	Nos	480.00	960.00	Rupees Nine Hundred Sixty Only
18.00	Supplying, fitting and fixing liquid soap container. Cromium plated.	2	Nos	393.00	786.00	Rupees Seven Hundred EightySix Only
19.00	Supplying, fitting and fixing towel rail with two brackets.C.P. over brass. 25 mm dia. and 750 mm long.	2	Nos	475.00	950.00	Rupees Nine Hundred Fifty 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>
20.00	Dismantling wash basin with brackets with or without waste fittings.	2	Nos	35.00	70.00	Rupees Seventy Only
21.00	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.	2	Nos	2,208.00	4,416.00	Rupees Four Thousand Four Hundred Sixteen Only
22.00	Dismantling E.P. or Anglo-Indian W.C.	1	Nos	45.00	45.00	Rupees FourtyFive Only
23.00	Suppling, fitting and fixing Wall mounted water closet of white glazed vitreous chinaware of approved make and brand in position complete with necessary nut and boalts (Equivalent to Code No. 20061 or 92065 & Model Studio or Rubbic of Hindware or equivalent.)	1	Nos	3,988.00	3,988.00	Rupees Three Thousand Nine Hundred EightyEight Only
24.00	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.	3	Cum	166.00	415.00	Rupees Four Hundred Fifteen Only

Total 1,23,146.00

Add 12% GST 14,778.00

Add 1% Cess 1,379.00

Total 1,39,303.00

Rupees One Lakh ThirtyNine Thousand Three Hundred Three 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 Replacement & Renovation work for flat No. 48 (Block-V) and 25(Block III) including necessary painting and allied works at 28/1 Gariahat Road Govt Housing Estate(HIG)Kolkata under Kolkata South I Division 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	Taking out shutter of door and window, dismantling by parts (for repair or replacement of damaged parts) , reassembling and refitting and rehangng same with old fittings but with new screws as necessary.	4.750	Sqm	126.00	599.00	Rupees Five Hundred NinetyNine Only
2.00	Supplying solid flush type doors of commercial quality, the timber frame consisting of top and bottom rails and side styles of well seasoned timber 65mm wide each and the entire frame fitted with 37.5mm wide battens places both ways in order to make the door of solid core and internal lipping with Garjan or similar wood veneers using phenol formaldehyde as glue etc. complete, including fitting, fixing shutters in position but excluding the cost of hinges and other fittings in ground floor. 35 mm thick shutters (single leaf).	4.200	Sqm	2,659.00	11,168.00	Rupees Eleven Thousand One Hundred SixtyEight Only
3.00	Glazed shutters of doors, windows, fan light, clerestory windows etc. as per design (with ordinary glass of 7.4kg./sq.m. 3mm. Thick) fitted with putty bed and teak wood bead and nails including fitting and fixing shutter in position but excluding the cost of hinges and other fittings. cost of glass, putty, wooded beads etc.will be paid separately. In ground floor. 35mm thick shutters.	0.550	Sqm	2,752.00	1,514.00	Rupees One Thousand Five Hundred Fourteen Only
4.00	Anodised aluminium butt hinges of approved quality manufactured from extruded section conforming to I.S. specification (I.S. 205/66) and fitted and fixed with cadmium plated screws:					
4.10	75 x 45 x 2.5mm.	9.000	Nos	52.00	468.00	Rupees Four Hundred SixtyEight Only
4.20	75 x 45 x 2.5mm.	9.000	Nos	72.00	648.00	Rupees Six Hundred FourtyEight Only
5.00	Anodised aluminium barrel / tower / socket bolt (full covered) of approved manufactured from extruded section conforming to I.S. 204/74 fitted and fixed with cadmium plated screws:					

<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>
5.10	100mm long x 10mm dia. bolt.	6.000	Nos	53.00	318.00	Rupees Three Hundred Eighteen Only
5.20	150mm long x 12mm dia. bolt.	4.000	Nos	88.00	352.00	Rupees Three Hundred FiftyTwo Only
6.00	Supplying 'Godrej' mortice lock chromium plated with keys 6 levers including fitting & fixing complete.	2.000	Nos	1,954.00	3,908.00	Rupees Three Thousand Nine Hundred Eight Only
7.00	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.	35.080	Sqm	19.00	667.00	Rupees Six Hundred SixtySeven Only
8.00	Dismantling all types of plain cement concrete works, stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m. upto 150 mm. thick. In Second Floor.	1.265	Cum	1,039.00	1,314.00	Rupees One Thousand Three Hundred Fourteen Only
9.00	Applying epoxy based reactive joining agent for joining the old concrete with fresh concrete to be applied within manufacturer's specified time as per manufacturers specification. (0.4 Kg / m ² of concrete surface).	36.140	Sqm	309.00	11,167.00	Rupees Eleven Thousand One Hundred SixtySeven Only
10.00	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.	36.140	Sqm	319.00	11,529.00	Rupees Eleven Thousand Five Hundred TwentyNine Only
11.00	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.					
11.10	With 1:6 cement mortar, 20 mm thick plaster					
11.11	Third Floor	19.550	Sqm	187.00	3,656.00	Rupees Three Thousand Six Hundred FiftySix 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>
11.12	Second Floor	15.530	Sqm	183.00	2,842.00	Rupees Two Thousand Eight Hundred FourtyTwo Only
11.20	With 1:4 cement mortar, 10 mm thick plaster					
11.21	Third Floor	20.590	Sqm	145.00	2,986.00	Rupees Two Thousand Nine Hundred EightySix Only
11.22	Second Floor	15.550	Sqm	141.00	2,193.00	Rupees Two Thousand One Hundred NinetyThree Only
12.00	Rendering the Surface of walls and ceiling with White Cement base water proof wall putty of approved make & brand.(1.5 mm thick)	71.220	Sqm	122.00	8,689.00	Rupees Eight Thousand Six Hundred EightyNine Only
13.00	Applying Interior grade Acrylic Primer of approved quality and brand on plastered or concrete surface old or new surface to receive Distemper/ Acrylic emulsion paint including scraping and preparing the surface throughly, complete as per manufacture r's specification and as per direction of the EIC. One Coat. water based interior grade Acrylic Primer.	1167.51	Sqm	30.80	35,959.00	Rupees ThirtyFive Thousand Nine Hundred FiftyNine Only
14.00	Applying Acrylic Emulsion Paint of approved make and brand on walls and ceiling including sand papering in intermediate coats including putty : (Two coats). Standard Quality.	1167.51	Sqm	62.00	72,386.00	Rupees SeventyTwo Thousand Three Hundred EightySix Only
15.00	Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	236.49	Sqm	38.00	8,987.00	Rupees Eight Thousand Nine Hundred EightySeven Only
16.00	Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	41.18	Sqm	29.00	1,194.00	Rupees One Thousand One Hundred NinetyFour Only
17.00	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 :					
17.10	on timber or plaster surface with super glos(hi-gloss). Two Coats (White in Shade).	236.49	Sqm	81.00	19,156.00	Rupees Nineteen Thousand One Hundred FiftySix Only
17.20	On steef or other metal surface. with super gloss(hi-gloss). Two Coats (with any shade except white).	32.78	Sqm	79.00	2,590.00	Rupees Two Thousand Five Hundred Ninety 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	Supplying, fitting and fixing best quality Indian make mirror 5.5 mm thick with silvering as per I.S.I. specifications supported on fibre glass frame of any colour, frame size 550 mm X 400 mm	3	Nos	613.00	1,839.00	Rupees One Thousand Eight Hundred ThirtyNine Only
19.00	Supplying, fitting and fixing glass shelf with aluminium guard rails. Ordinary type with 5.5 mm sheet glass. 600 mm X 125 mm.	2	Nos	480.00	960.00	Rupees Nine Hundred Sixty Only
20.00	Supplying, fitting and fixing liquid soap container. Cromium plated.	3.000	Nos	393.00	1,179.00	Rupees One Thousand One Hundred SeventyNine Only
21.00	Supplying, fitting and fixing towel rail with two brackets.C.P. over brass. 25 mm dia. and 750 mm long.	3.000	Nos	475.00	1,425.00	Rupees One Thousand Four Hundred TwentyFive Only
22.00	Dismantling wash basin with brackets with or without waste fittings.	1.000	Nos	35.00	35.00	Rupees ThirtyFive Only
23.00	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.	1.000	Nos	2,208.00	2,208.00	Rupees Two Thousand Two Hundred Eight Only
24.00	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.	4.000	Cum	166.00	664.00	Rupees Six Hundred SixtyFour Only

Total 2,12,600.00

Add 12% GST 25,512.00

Add 1% Cess 2,381.00

Total 2,40,493.00

Rupees Two Lakh Fourty Thousand Four Hundred NinetyThree Only



Executive Engineer
Kolkata south-I Division
Housing directorate

SL.NO. 06

Probable items of specific priced schedule with approximate quantities in connection with the Replacement & Renovation work at RHE Moor Avenue with necessary wood work, Cementing work, Painting work, flooring work etc. and allied internal and external S & P works.

<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 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.	11.460	Sqm	134.61	1,543.00	Rupees One Thousand Five Hundred FourtyThree Only
2.00	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 : Local.	0.116	Cum	87,861.44	10,192.00	Rupees Ten Thousand One Hundred NinetyTwo Only
3.00	PVC Door Shutter-30 mm thick: Supplying fitting and fixing P.V.C. door shutter of approved quality & shade in position, the style & rail of the P.V.C. door shutter will be made of rigid P.V.C. multicavity hollow chamber of 59 mm x30 mm section with 2.0 mm (+/-0.2 mm) wall thickness. Horizontal & vertical section shall be fixed to each other by self tapping screws and 1 solid polymeric or M.S. galvanised tubular 'L' shaped bracket 100mm x 200mm in each corner of the shutter frame for placing hinges.	1.050	Sqm	2,406.06	2,526.00	Rupees Two Thousand Five Hundred TwentySix Only
4.00	Providing and fixing PVC Door Frame of size 50x47mm with a wall thickness of 5mm (± 0.2 mm) made out of single piece extruded PVC profile, with mitred cut joint sand joint with 2 nos. of PVC bracket of size 190 mm x 100 mm long arms of cross section size 35 mm x 15 mm & self driven self tapping screws, the vertical door profiles to be reinforced with 40x20mm M.S. rectangular tube of 0.8 mm, including providing EPDM rubber gasket weather seal throughout the frame, including jointing 5 mm PVC frame strip with PVC solvent cement on the back of the profile. The doorframe to be fixed to the wall using 8 x100mm long anchor fasteners complete, all as per manufacturer's specification and direction of Engineer -in- charge.	3.400	Meter	503.38	1,712.00	Rupees One Thousand Seven Hundred Twelve 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>
5.00	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.	22.000	Nos	42.99	946.00	Rupees Nine Hundred FourtySix Only
6.00	Taking out door and window shutters and rehangng the same with old fittings. With new iron screws.	144.890	Sqm	88.23	12,784.00	Rupees Twelve Thousand Seven Hundred EightyFour Only
7.00	Styles and rails of wooden shutters fitted and fixed complete. 35mm Thick shutter. Sishu, Gamar, Champ, Badam, Bhola, Mogra, Hallak.	1.628	Sqm	2,592.71	4,221.00	Rupees Four Thousand Two Hundred TwentyOne Only
8.00	Panel (made of single plank) of door and window shutters to design as directed: 19mm thick panel of 30cm to 45cm width. Sishu, Gamar, Champ, Badam, Bhola, Mogra, Hallak.	0.840	Sqm	1,316.72	1,106.00	Rupees One Thousand One Hundred Six Only
9.00	Easing door and windows.	200.000	Nos	19.23	3,846.00	Rupees Three Thousand Eight Hundred FourtySix Only
10.00	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. 35mm thick shutters with 19mm thick panel. Sishu, Gamar, Champ, Badam, Bhola, Mogra, Hallak.	0.938	Sqm	3,613.05	3,389.00	Rupees Three Thousand Three Hundred EightyNine Only
11.00	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark. 100mm. X 50mm. X 1.25mm.	260.000	Nos	48.64	12,647.00	Rupees Twelve Thousand Six Hundred FourtySeven Only
12.00	Iron socket bolt of approved quality fitted and fixed complete.	180.000	Nos	71.27	12,828.00	Rupees Twelve Thousand Eight Hundred TwentyEight Only
13.00	Iron door ring of approved quality fitted and fixed with nut and washer complete. 50mm dia.	68.000	Nos	19.23	1,308.00	Rupees One Thousand Three Hundred Eight Only
14.00	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).	34.560	Sqm	539.58	18,648.00	Rupees Eighteen Thousand Six Hundred FourtyEight 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	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.	198.070	Sqm	21.49	4,257.00	Rupees Four Thousand Two Hundred FiftySeven Only
16.00	Cleaning the concrete surface by removing dirt and debris, marking defective locations and removing loose concrete by careful stripping untill 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.	35.020	Sqm	101.81	3,565.00	Rupees Three Thousand Five Hundred SixtyFive Only
17.00	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 third floor including roof.	0.970	Cum	2,382.31	2,311.00	Rupees Two Thousand Three Hundred Eleven Only
18.00	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.	35.020	Sqm	99.55	3,486.00	Rupees Three Thousand Four Hundred EightySix Only
19.00	Removing corroded worn out portion of reinforcement (when the area of bar is damaged by more than 25%) by cutting and replacing the same by a new plain round bar of requisite diameter by binding with required lap / welding with old bar, including cost of reinforcement, complete in all respect including removing unserviceable materials from site as per direction of the Engineer - in - charge. Note : Payment on weight (Kg.) of new reinforcement.	8.530	KG	98.41	839.00	Rupees Eight Hundred ThirtyNine Only
20.00	Applying epoxy based reactive joining agent for joining the old concrete with fresh concrete to be applied within manufacturer's specified time as per manufacturers specification. (0.4 Kg / m ² of concrete surface).	6.250	Sqm	349.54	2,185.00	Rupees Two Thousand One 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>
21.00	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.	35.020	Sqm	360.85	12,637.00	Rupees Twelve Thousand Six Hundred ThirtySeven Only
22.00	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.	180.320	Sqm	56.56	10,199.00	Rupees Ten Thousand One Hundred NinetyNine 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. 3 mm. thick topping (High polishing grinding on this item is not permitted with ordinary cement). Using grey cement.	180.320	Sqm	308.82	55,686.00	Rupees FiftyFive Thousand Six Hundred EightySix Only
24.00	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.					
24.10	With 1:6 cement mortar, 20 mm thick plaster					
24.11	Ground Floor	22.310	Sqm	197.96	4,416.00	Rupees Four Thousand Four Hundred Sixteen Only
24.12	First Floor	29.110	Sqm	202.48	5,894.00	Rupees Five Thousand Eight Hundred NinetyFour Only
24.13	Second Floor	37.430	Sqm	207.01	7,748.00	Rupees Seven Thousand Seven Hundred FourtyEight 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>
24.14	Third Floor	21.680	Sqm	211.53	4,586.00	Rupees Four Thousand Five Hundred EightySix Only
24.20	With 1:4 cement mortar, 10 mm thick plaster					
24.21	Ground Floor	16.000	Sqm	150.45	2,407.00	Rupees Two Thousand Four Hundred Seven Only
24.22	First Floor	14.400	Sqm	154.97	2,232.00	Rupees Two Thousand Two Hundred ThirtyTwo Only
24.23	Second Floor	19.950	Sqm	159.50	3,182.00	Rupees Three Thousand One Hundred EightyTwo Only
24.24	Third Floor	37.190	Sqm	164.02	6,100.00	Rupees Six Thousand One Hundred Only
25.00	White washing including cleaning and smoothening surface thoroughly. All floors : Two coats.	1303.130	Sqm	20.52	26,740.00	Rupees TwentySix Thousand Seven Hundred Fourty Only
26.00	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					
26.10	Second Floor	1.500	Sqm	754.51	1,132.00	Rupees One Thousand One Hundred ThirtyTwo Only
26.20	Third Floor	0.790	Sqm	768.08	607.00	Rupees Six Hundred Seven Only
27.00	Labour for dismantling G.I. pipe with fittings.					
27.10	15 mm dia.	112.550	Meter	6.79	764.00	Rupees Seven Hundred SixtyFour Only
27.20	20 mm dia.	114.650	Meter	6.79	778.00	Rupees Seven Hundred SeventyEight Only
27.30	32 mm dia.	30.450	Meter	6.79	207.00	Rupees Two Hundred Seven Only
27.40	40 mm dia.	15.410	Meter	9.05	139.00	Rupees One Hundred ThirtyNine Only
28.00	Removing chokage in G.I. pipe including cleaning pipe.					

<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>
28.10	15 mm dia.	48.050	Meter	7.92	380.00	Rupees Three Hundred Eighty Only
28.20	20 mm dia.	70.300	Meter	7.92	557.00	Rupees Five Hundred FiftySeven Only
28.30	32 mm dia.	18.500	Meter	10.18	188.00	Rupees One Hundred EightyEight Only
29.00	Refixing G.I. pipe with fittings after cleaning where necessary.					
29.10	15 mm dia.	48.050	Meter	6.79	326.00	Rupees Three Hundred TwentySix Only
29.20	20 mm dia.	70.300	Meter	6.79	477.00	Rupees Four Hundred SeventySeven Only
29.30	32 mm dia.	18.500	Meter	9.05	167.00	Rupees One Hundred SixtySeven Only
30.00	Supply of G. I. pipes of TATA make including necessary sockets. Light quality.					
30.10	15 mm dia.	64.800	Meter	136.88	8,870.00	Rupees Eight Thousand Eight Hundred Seventy Only
30.20	20 mm dia.	46.910	Meter	154.97	7,270.00	Rupees Seven Thousand Two Hundred Seventy Only
30.30	32 mm dia.	11.950	Meter	236.42	2,825.00	Rupees Two Thousand Eight Hundred TwentyFive Only
30.40	40 mm dia.	15.410	Meter	262.44	4,044.00	Rupees Four Thousand FourtyFour Only
31.00	Supplying, fitting and fixing of G.I. plain equal elbow of approved brand and make.					
31.10	15 mm dia.	50.000	Nos	26.02	1,301.00	Rupees One Thousand Three Hundred One Only
31.20	32 mm dia.	3.000	Nos	85.97	258.00	Rupees Two Hundred FiftyEight Only
31.30	40 mm dia.	2.000	Nos	111.99	224.00	Rupees Two Hundred TwentyFour Only
32.00	Supplying, fitting and fixing of G.I. reducing elbow. 20 mm X 15 mm.	2.000	Nos	39.59	79.00	Rupees SeventyNine Only
33.00	Supplying, fitting and fixing of G.I. reducing tee of approved brand and make.					
33.10	20 mm X 15 mm.	7.000	Nos	58.82	412.00	Rupees Four Hundred Twelve 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>
33.20	40 mm X 20 mm	2.000	Nos	159.50	319.00	Rupees Three Hundred Nineteen Only
34.00	Supplying, fitting and fixing of G.I. plain tee of approved brand and make.					
34.10	15 mm dia.	24.000	Nos	36.20	869.00	Rupees Eight Hundred SixtyNine Only
34.20	20 mm dia.	6.000	Nos	54.30	326.00	Rupees Three Hundred TwentySix Only
35.00	Supplying, fitting and fixing of long screw (150 mm long) of TATA make with sockets (TATA make) and jamnut.					
35.10	20 mm dia.	23.000	Nos	58.82	1,353.00	Rupees One Thousand Three Hundred FiftyThree Only
35.20	32 mm dia.	1.000	Nos	95.02	95.00	Rupees NinetyFive Only
35.30	40 mm dia.	2.000	Nos	122.17	244.00	Rupees Two Hundred FourtyFour Only
36.00	Supplying, fitting and fixing of G.I. short piece of TATA make (Above 50mm & upto150 mm long)					
36.10	15 mm dia.	34.000	Nos	59.95	2,038.00	Rupees Two Thousand ThirtyEight Only
36.20	20 mm dia.	12.000	Nos	75.79	909.00	Rupees Nine Hundred Nine Only
36.30	32 mm dia.	1.000	Nos	97.28	97.00	Rupees NinetySeven Only
36.40	40 mm dia.	4.000	Nos	126.69	507.00	Rupees Five Hundred Seven Only
37.00	Supplying, fitting and fixing of G.I. plug.					
37.10	20 mm dia.	4.000	Nos	29.41	118.00	Rupees One Hundred Eighteen Only
37.20	32 mm dia.	1.000	Nos	59.95	60.00	Rupees Sixty Only
37.30	40 mm dia.	1.000	Nos	73.53	74.00	Rupees SeventyFour Only
38.00	Dismantling H.C.I. pipe with fittings excluding melting lead caulked joints. 100 mm.	133.850	Nos	42.99	5,754.00	Rupees Five Thousand Seven Hundred FiftyFour Only
39.00	Supply of UPVC pipes (B Type) & fittings conforming to IS-13592-1992.					

<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>
39.10	Single Socketed 3 Meter Length. 75 mm dia.	56.050	Meter	221.72	12,427.00	Rupees Twelve Thousand Four Hundred TwentySeven Only
39.20	Single Socketed 3 Meter Length. 110 mm dia.	136.250	Meter	330.31	45,005.00	Rupees FourtyFive Thousand Five Only
39.30	Single Socketed 1.8 Meter Length. 110 mm dia.	11.390	Meter	331.44	3,775.00	Rupees Three Thousand Seven Hundred SeventyFive Only
39.40	Fittings, Door Bend (T.S.)					
39.41	75 mm dia.	1.000	Nos	93.89	94.00	Rupees NinetyFour Only
39.42	110 mm dia.	60.000	Nos	166.29	9,977.00	Rupees Nine Thousand Nine Hundred SeventySeven Only
39.50	Fittings, Cross Tee with Door. 110 mm dia.	6.000	Nos	270.36	1,622.00	Rupees One Thousand Six Hundred TwentyTwo Only
39.60	Fittings, Bend 87.5°, 110 mm dia.	3.000	Nos	135.74	407.00	Rupees Four Hundred Seven Only
39.70	Fittings,110 X 110 P Trap, 75 mm	29.000	Nos	317.87	9,218.00	Rupees Nine Thousand Two Hundred Eighteen Only
40.00	Labour for fitting and fixing high density polyethylene pipes or P.V.C. pipes for above ground work including cost of jointing materials paints etc. fitting and fixing all necessary specials, cutting pipes, making threads, cutting holes in walls or R.C. floor where necessary and mending good all damages excluding the cost of masonry or concrete work, if necessary, but including the cost and fitting and fixing holder bat clamps(any floor) or for underground work including cutting trenches upto 1.5 metre and refilling the same complete as per direction of the Engineer-in-charge.					
40.10	75 mm dia. or 80 mm dia.	56.050	Meter	50.90	2,853.00	Rupees Two Thousand Eight Hundred FiftyThree Only
40.20	100 mm dia. or 110 mm dia.	147.640	Meter	64.48	9,520.00	Rupees Nine Thousand Five Hundred Twenty Only
41.00	Supplying, fitting and fixing bib cock or stop cock. PTMT (Polytetra Bib Cock / Stop Cock (Prayag or equivalent).15 mm dia.	40.000	Nos	174.20	6,968.00	Rupees Six Thousand Nine Hundred SixtyEight Only
42.00	Dismantling Indian W.C. including taking out base concrete as necessary.	7.000	Nos	50.90	356.00	Rupees Three Hundred FiftySix Only

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					<u>In Figure</u>	<u>In Ward</u>
43.00	Supplying, fitting and fixing E.W.C. in white glazed vitreous chinaware of approved make complete in position with necessary bolts, nuts etc. With 'P' trap	6.000	Nos	1,607.44	9,645.00	Rupees Nine Thousand Six Hundred FourtyFive Only
44.00	Supplying, fitting and fixing Closet seat of approved make with lid and C.P. hinges, rubber buffer and brass screws complete. E.W.C.Plastic (hallow type) white	8.000	Nos	429.86	3,439.00	Rupees Three Thousand Four Hundred ThirtyNine Only
45.00	Supplying, fitting and fixing 10 litre P.V.C. low-down cistern conforming to I.S. specification with P.V.C. fittings complete,C.I. brackets including two coats of painting to bracket etc.	9.000	Nos	1,148.17	10,334.00	Rupees Ten Thousand Three Hundred ThirtyFour Only
46.00	Supplying, fitting and fixing Shallow water closet Indian pattern (I.P.W.C.) of approved make in white vitreous chinaware in position (excluding cost of concrete for fixing). 580 mm long.	1.000	Nos	1,100.66	1,101.00	Rupees One Thousand One Hundred One Only
47.00	Dismantling wash basin with brackets with or without waste fittings.	2.000	Nos	39.59	79.00	Rupees SeventyNine Only
48.00	Wash basin vitreous china of approved make (without fittings) supplied,fitted and fixed in position on 75mm X 75 mm X 75 mm wood blocks and C.I. brackets including two coats of painting of C.I. brackets. 550 mm X 400 mm size.	2.000	Nos	1,564.45	3,129.00	Rupees Three Thousand One Hundred TwentyNine Only
49.00	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. 450 mm long.	15.000	Nos	92.76	1,391.00	Rupees One Thousand Three Hundred NinetyOne Only
50.00	Supplying,fitting and fixing approved brand 32 mm dia.P.V.C. waste pipe, with PVC coupling at one end fitted with necessary clamps. 1050 mm long.	8.000	Nos	102.94	824.00	Rupees Eight Hundred TwentyFour Only
51.00	Supplying, fitting and fixing Waste fittings complete. C.P. over brass , 32 mm dia.	9.000	Nos	214.93	1,934.00	Rupees One Thousand Nine Hundred ThirtyFour Only
52.00	Supplying, fitting and fixing pillar cock of approved make. PTMT Pillar Cock - 15 mm. (Prayag or equivalent).	5.000	Nos	251.13	1,256.00	Rupees One Thousand Two Hundred FiftySix Only
53.00	Supplying, fitting and fixing C.I. holder bat clamp including cutting holes in wall etc. and mending good all damages in cement concrete with jhama chips (4:2:1) and cement plaster (6:1) to match and curing complete in all respect.					
53.10	15 mm dia.	27.000	Nos	28.28	764.00	Rupees Seven Hundred SixtyFour 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>
53.20	32 mm dia.	6.000	Nos	52.04	312.00	Rupees Three Hundred Twelve Only
53.30	40 mm dia.	16.000	Nos	54.30	869.00	Rupees Eight Hundred SixtyNine Only
53.40	80 mm dia.	20.000	Nos	165.16	3,303.00	Rupees Three Thousand Three Hundred Three Only
53.50	100 mm dia.	26.000	Nos	187.78	4,882.00	Rupees Four Thousand Eight Hundred EightyTwo Only
54.00	Labour for fitting and fixing G.I. pipes above ground (exposed) in structures with holder bat clamps including cost of jointing materials, holder bat clamps etc.,as necessary, including cutting pipe, making threads etc. complete in all respect with two coats of painting with approved paint any height.					
54.10	15 mm dia.	64.800	Nos	52.04	3,372.00	Rupees Three Thousand Three Hundred SeventyTwo Only
54.20	20 mm dia.	46.910	Nos	59.95	2,812.00	Rupees Two Thousand Eight Hundred Twelve Only
54.30	32 mm dia.	11.950	Nos	89.36	1,068.00	Rupees One Thousand SixtyEight Only
54.40	40 mm dia.	15.410	Nos	104.07	1,604.00	Rupees One Thousand Six Hundred Four Only

Total 4,44,274.00

Rupees Four Lakh FourtyFour Thousand Two Hundred SeventyFour Only



Executive Engineer
Kolkata south-I Division
Housing directorate

SL.NO. 07

Probable items of specific priced schedule with approximate quantities in connection with the Replacement & Renovation work of dismantling of damaged R.C overhead tank and re-construction or replacement the same by P.V.C water storage tank for 3 (Three) number blocks, viz. LD, LE & I F including allied sanitary and plumbing works at Purba Barisha Govt. Housing Estate, Diamond Harbour Road, Kolkata-700063.

<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 third floor including roof.	18.646	Cum	2,382.31	44,421.00	Rupees FortyFour Thousand Four Hundred TwentyOne Only
2.00	Dismantling all types of masonry excepting cement concrete plain or reinforced, stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m.	7.823	Cum	675.33	5,283.00	Rupees Five Thousand Two Hundred EightyThree Only
3.00	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.	26.469	Cum	187.78	4,970.00	Rupees Four Thousand Nine Hundred Seventy Only
4.00	Brick work with 1st class bricks in cement mortar (1:4). In superstructure, In Third Floor.	3.511	Cum	7,056.43	24,775.00	Rupees TwentyFour Thousand Seven Hundred SeventyFive Only
5.00	125 mm. thick brick work with 1st class bricks in cement mortar (1:4) in Third Floor.	34.496	Sqm	873.29	30,125.00	Rupees Thirty Thousand One Hundred TwentyFive Only
6.00	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. Above 30 mm & upto 37 mm thick wooden shuttering as per decision & direction of Engineer-In-Charge. In Third Floor.	75.412	Sqm	454.74	34,293.00	Rupees ThirtyFour Thousand Two Hundred NinetyThree Only
7.00	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 Third Floor.	6.447	Cum	7,151.68	46,107.00	Rupees FourtySix Thousand One Hundred Seven 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>
8.00	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. Other than SAIL/TATA / RINL. In Third Floor.	0.759	M.T	78,776.77	59,792.00	Rupees FiftyNine Thousand Seven Hundred NinetyTwo Only
9.00	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. With 1:4 cement mortar. 15 mm. thick plaster. In Third Floor.	197.236	Sqm	170.81	33,690.00	Rupees ThirtyThree Thousand Six Hundred Ninety Only
10.00	Neat cement punning about 1.5 mm. thick in wall, dado, window, sills, floor, drain etc.	22.211	Sqm	38.46	854.00	Rupees Eight Hundred FiftyFour Only
11.00	M.S. structural works in roof trusses with tubular sections conforming to IS: 806-1957 & IS: 1161-1958 cnnected to one another with bracket, gusset cleats as per design, direction of Engineer-in-charge complete including cutting to requisite size, fabrication with necessary metal arc welding conforming to IS: 816- 1956 & IS: 9595 using electrodes of approved make and brand conforming to IS:814- 1957, haulage, hoisting and erection all complete. For trusses spanning up to 12.00 m.	0.370	M.T	82,522.17	30,533.00	Rupees Thirty Thousand Five Hundred ThirtyThree 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	Supplying, Fitting & Fixing Factory made P.V.C. door frame of size 50 mmx47 mm with a wall thickness of 5 mm, made out of extruded 5 mm, PVC sheet miter cut at two corners and joined with two nos of 1.5 mm long brackets of 15 mm x15 mm M.S. square tube. The two vertical door profiles are to be reinforced with 19 mmx 19 mm M.S. Square tube of 19 gauge, weather seal to be provided through out the frame. The door frame shall be fixed with the wall using 65/100 mm long M.S. Screws through the frame by using P.V.C fasteners. A minimum of 4 Nos of screws to be provided for each vertical member and minimum 2 Nos for horizontal member etc. complete as per Manufacturer's specification and direction of Engineer-in-Charge.	14.250	Meter	345.02	4,916.00	Rupees Four Thousand Nine Hundred Sixteen Only
13.00	Supplying, Fitting & Fixing 30 mm thick Factory made solid Panel PVC Door Shutter consisting of outer frame made out of M.S. tubes of 19 gauge thickness and size 19 mmx19 mm for styles, top and bottom rails, M.S. frame shall have cost of steel primers of approved make and manufacture, M.S. frame covered with 5 mm th. heat moulded PVC "C" channel of size 30 mm th, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on either sides forming styles; and 5 mm th. 95 mm wide PVC sheet out of which 75 mm...	4.500	Sqm	2,197.92	9,891.00	Rupees Nine Thousand Eight Hundred NinetyOne Only
14.00	White washing including cleaning and smoothening surface thoroughly. All floors Three coats (on new works only). In Third Floor.	29.088	Sqm	22.93	667.00	Rupees Six Hundred SixtySeven Only
15.00	Applying Exterior grade Acrylic primer of approved quality and brand on plastered or concrete surface old or new surface to receive decorative textured(matt finish) or smooth finish acrylic exterior emulsion paint including scraping and preparing the surface throughly, complete as per manufacturer's specification and as per direction of the EIC. One Coats. In Third Floor.	34.496	Sqm	37.93	1,308.00	Rupees One 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>
16.00	Protective and Decorative Acrylic exterior emulsion paint of approved quality, as per manufacturer's specification and as per direction of EIC to be applied over acrylic primer as required. The rate includes cost of material, labour, scaffolding and all incidental charges but excluding the cost of primer. Two Coat. Normal Acrylic Emulsion. In Third Floor.	34.496	Sqm	78.20	2,698.00	Rupees Two Thousand Six Hundred NinetyEight Only
17.00	Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smooth surfaces by sand papering etc.	15.613	Sqm	32.80	512.00	Rupees Five Hundred Twelve Only
18.00	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 : On steel or other metal surface : With super gloss (hi-gloss). Two coats (with any shade except white).	15.613	Sqm	89.36	1,395.00	Rupees One Thousand Three Hundred NinetyFive Only
19.00	Supplying P.V.C. water storage tank of approved quality with closed top with lid (Black) - Multilayer. 1500 litre capacity. In Fourth Floor.	8.000	Nos	8,868.61	70,949.00	Rupees Seventy Thousand Nine Hundred FourtyNine Only
20.00	Labour for hoisting plastic water storage tank.					
20.10	Upto 1500 litre capacity. Upto 1st story from G.L.	8.000	Nos	108.60	869.00	Rupees Eight Hundred SixtyNine Only
20.20	Extra for each additional story.	8.000	Nos	145.92	1,167.00	Rupees One Thousand One Hundred SixtySeven Only
21.00	Labour for punching hole in plastic water storage tank upto 50 mm dia.	40.000	Nos	21.49	860.00	Rupees Eight Hundred Sixty Only
22.00	Labour for dismantling G.I. pipe with fittings. 40 mm dia.	62.400	Meter	9.05	565.00	Rupees Five Hundred SixtyFive 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>
23.00	Supplying, fitting and fixing P.V.C. pipes of approved make of Schedule 80 (medium duty) conforming to ASTM D - 1785 and threaded to match with G.I.Pipes as per IS : 1239 (Part-I) with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, long screw, 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. 40 mm dia.	86.400	Meter	330.31	28,539.00	Rupees TwentyEight Thousand Five Hundred ThirtyNine Only

Total 4,39,179.00

Rupees Four Lakh ThirtyNine Thousand One Hundred SeventyNine Only



Executive Engineer
Kolkata south-I Division
Housing directorate

SL.NO. 08

Probable items of specific priced schedule with approximate quantities in connection with the Replacement & Renovation work for roof slab of Block RO, RL, RN, RC, RR, RS, RY, RP, RQ, RT, RG, RW, RE, by Grouting method of RHE ODEC Behala Under Kolkata South Sub Division -III.

<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	Providing and inserting nipples with approved fixing compound after drilling holes for grouting as per Technical specifications including subsequent cutting/removal and sealing of the hole as necessary of nipples after completion of grouting with Cement/Epoxy.	2040.000	Nos	115.38	2,35,380.00	Rupees Two Lakh ThirtyFive Thousand Three Hundred Eighty Only
2.00	Sealing of cracks / porous concrete by injection process through nipples / Grouting complete as per Technical specification. Cement mortar (1:1) Grouting.	1520.000	KG	157.24	2,39,000.00	Rupees Two Lakh ThirtyNine Thousand Only
3.00	Extra rate for using water proofing and plasticising admixture @ 2.0 % by weight of cement (or at manufacturer's specified rate) for concrete of various grades.	30.000	KG	134.61	4,038.00	Rupees Four Thousand ThirtyEight Only
Total					4,78,418.00	

Rupees Four Lakh SeventyEight Thousand Four Hundred Eighteen Only



Executive Engineer
Kolkata south-I Division
Housing directorate

SL.NO. 09

Probable items of specific priced schedule with approximate quantities in connection with the emergent special structural repair and renovation work of RHE Blocks at 25/1, 21/7, and 21/8 at CHE, Regent Park, during the year 2019-20.

<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 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. In second floor including roof.	12.600	Sqm	62.00	781.00	Rupees Seven Hundred EightyOne Only
2.00	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.					
2.10	In First Floor	1.540	Cum	2,006.00	3,089.00	Rupees Three Thousand EightyNine Only
2.20	In second Floor	0.950	Cum	2,056.00	1,953.00	Rupees One Thousand Nine Hundred FiftyThree Only
2.30	In Third Floor	1.900	Cum	2,106.00	4,001.00	Rupees Four Thousand One Only
3.00	Dismantling all types of masonry excepting cement concrete plain or reinforced, stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m.					
3.10	In second Floor	0.510	Cum	547.00	279.00	Rupees Two Hundred SeventyNine Only
3.20	In Third Floor	1.030	Cum	597.00	615.00	Rupees Six Hundred Fifteen Only
4.00	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.	11.250	Sqm	19.00	214.00	Rupees Two Hundred Fourteen Only
5.00	Cutting holes and subsequent mending good damages. Diameter exceeding 150 mm. but not exceeding 300 mm.					
5.10	In brick work.	8.000	Nos	162.00	1,296.00	Rupees One Thousand Two Hundred NinetySix Only
5.20	In concrete work (plain or R.C.)	6.000	Nos	288.00	1,728.00	Rupees One Thousand Seven Hundred TwentyEight 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	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.	7.400	Sqm	90.00	666.00	Rupees Six Hundred SixtySix Only
7.00	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.	7.040	Sqm	166.00	1,169.00	Rupees One Thousand One Hundred SixtyNine Only
8.00	Making one set of scaffolding only for replacing glass panels, painting, uprooting plant and another repairing works of building and S&P works for external works only with 10 cm. dia bamboo as main posts at the rate of 1 metre centre to centre and 7.5 cm. dia bamboo ties @ 0.75 metre apart fitting and fixing with necessary coir, nails etc. as per direction of the Engineer-incharge.	2.000	Nos	1,014.00	2,028.00	Rupees Two Thousand TwentyEight Only
9.00	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 works in foundation and upto roof of ground floor/upto 4 m. Tor steel/Mild Steel. SAIL / TATA/RINL					
9.10	In First Floor	0.076	M.T	71,896.00	5,464.00	Rupees Five Thousand Four Hundred SixtyFour Only
9.20	In Second Floor	0.049	M.T	72,376.00	3,546.00	Rupees Three Thousand Five Hundred FourtySix Only
9.30	In Third Floor	0.099	M.T	72,856.00	7,213.00	Rupees Seven Thousand 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>
10.00	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.	2.860	Sqm	782.00	2,237.00	Rupees Two Thousand Two Hundred ThirtySeven Only
11.00	Applying epoxy based reactive joining agent for joining the old concrete with fresh concrete to be applied within manufacturer's specified time as per manufacturers specification. (0.4 Kg / m ² of concrete surface).	1.708	Sqm	309.00	528.00	Rupees Five Hundred TwentyEight Only
12.00	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.	1.700	Sqm	88.00	150.00	Rupees One Hundred Fifty Only
13.00	Welding in M.S. structural work with gas or electric.					
13.10	Tack weld	80.000	Nos	9.00	720.00	Rupees Seven Hundred Twenty Only
13.20	Continuous weld.	4.000	Cm	9.00	36.00	Rupees ThirtySix Only
14.00	Labour for propping up overhead members as a precautionary measure against falling as directed with necessary planks, Eucalyptus props, packing nails, wire ropes, iron wires etc. including hire charges of all materials fitting, fixing dismantling and removing the props etc and all ancillary works in this connection complete.	76.500	Cum	55.00	4,208.00	Rupees Four Thousand Two Hundred Eight Only
15.00	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. 25 mm to 30 mm thick wooden shuttering as per decision & direction of Engineer-In-Charge.					
15.10	In First Floor	10.330	Sqm	353.00	3,646.00	Rupees Three Thousand Six Hundred FourtySix 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>
15.20	In Second Floor	8.090	Sqm	371.00	3,001.00	Rupees Three Thousand One Only
15.30	In Third Floor	16.180	Sqm	389.00	6,294.00	Rupees Six Thousand Two Hundred NinetyFour Only
16.00	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.	7.400	Sqm	319.00	2,361.00	Rupees Two Thousand Three Hundred SixtyOne Only
17.00	R.C. weather board (1:1.5:3) with stone chips and necessary reinforcement upto 1% (including main and distribution bars), shuttering and 10 mm. thick cement plaster (1:4) including all moulding, drip course etc. complete in ground floor. 50 mm thick using steel of SAIL/ TATA/RINL.	1.500	Sqm	1,212.00	1,818.00	Rupees One Thousand Eight Hundred Eighteen Only
18.00	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, as per relevant IS codes. Pakur Variety.					
18.10	In First Floor	1.600	Cum	6,086.12	9,738.00	Rupees Nine Thousand Seven Hundred ThirtyEight Only
18.20	In second Floor	0.620	Cum	6,181.12	3,832.00	Rupees Three Thousand Eight Hundred ThirtyTwo Only
18.30	In Third Floor	1.230	Cum	6,276.12	7,720.00	Rupees Seven Thousand Seven Hundred Twenty Only
19.00	125 mm. thick brick work with 1st class bricks in cement mortar (1:4).					
19.10	In second Floor	6.560	Sqm	760.00	4,986.00	Rupees Four Thousand Nine Hundred EightySix Only
19.20	In Third Floor	13.120	Sqm	772.00	10,129.00	Rupees Ten Thousand One 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>
20.00	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.					
20.10	With 1:6 cement mortar. 20 mm thick plaster.	30.930	Sqm	175.00	5,413.00	Rupees Five Thousand Four Hundred Thirteen Only
20.20	With 1:6 cement mortar. 15 mm thick plaster.	19.680	Sqm	151.00	2,972.00	Rupees Two Thousand Nine Hundred SeventyTwo Only
20.30	With 1:4 cement mortar. 10 mm thick plaster.	42.160	Sqm	141.00	5,945.00	Rupees Five Thousand Nine Hundred FourtyFive Only
21.00	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. 3 mm. thick topping.In second Floor. 25 mm. thick.	12.600	Sqm	347.11	4,374.00	Rupees Four Thousand Three Hundred SeventyFour Only
22.00	White washing including cleaning and smoothening surface thoroughly. All floors ∴ Two coats.	155.750	Sqm	18.14	2,825.00	Rupees Two Thousand Eight Hundred TwentyFive Only
23.00	Labour for dismantling G.I. pipe with fittings.					
23.10	15 mm dia.	5.400	Meter	6.00	32.00	Rupees ThirtyTwo Only
23.20	16 mm dia.	4.100	Meter	6.00	25.00	Rupees TwentyFive Only
24.00	Dismantling wash basin with brackets with or without waste fittings.	1.000	Nos	35.00	35.00	Rupees ThirtyFive 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	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.	1.000	Nos	2,208.00	2,208.00	Rupees Two Thousand Two Hundred Eight Only
26.00	Supplying, fitting and fixing bib cock or stop cock. PTMT (Polytetra Bib Cock / Stop Cock (Prayag or equivalent). 15 mm dia.	5.000	Nos	154.00	770.00	Rupees Seven Hundred Seventy Only
27.00	Supplying, fitting and fixing shower of approved brand and make. PTMT overhead shower (Prayag or equivalent). 150 mm round.	1	Nos	340.00	340.00	Rupees Three Hundred Fourty Only
28.00	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, long screw, 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. 20 mm dia.	9.500	Meter	129.00	1,226.00	Rupees One Thousand Two Hundred TwentySix Only

Total 1,21,611.00

Add 12% GST 14,593.00

Add 1% Cess 1,362.00

Total 1,37,566.00

Rupees One Lakh ThirtySeven Thousand Five Hundred SixtySix Only



Executive Engineer
Kolkata south-I Division
Housing directorate

SL.NO. 10

Probable items of specific priced schedule with approximate quantities in connection with the emergent work of drinking water pipe line work at RHE ODRC, 30 Diamond Harbour Road, Behala under Kolkata South Sub-Division -III for the year 2019-20.

<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	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. Depth of excavation not exceeding 1,500 mm.	34.930	Cum	119.27	4,166.00	Rupees Four Thousand One Hundred SixtySix Only
2.00	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. In ground floor including roof.	9.600	Sqm	50.00	480.00	Rupees Four Hundred Eighty Only
3.00	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.	0.240	Cum	939.00	225.00	Rupees Two Hundred TwentyFive Only
4.00	Labour for dismantling G.I. pipe with fittings.					
4.10	32 mm dia.	148.750	Meter	6.00	893.00	Rupees Eight Hundred NinetyThree Only
4.20	40 mm dia.	152.250	Meter	8.00	1,218.00	Rupees One Thousand Two Hundred Eighteen Only
4.30	50 mm dia.	22.200	Meter	8.00	178.00	Rupees One Hundred SeventyEight Only
4.40	80 mm dia.	3.800	Meter	11.00	42.00	Rupees FourtyTwo Only
5.00	Supplying, fitting and fixing 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). PVC Pipes.	3.800				
5.10	80 mm dia. Under ground	3.800	Meter	663.00	2,519.00	Rupees Two Thousand Five Hundred Nineteen Only
5.20	50 mm dia. Under ground	22.200	Meter	342.00	7,592.00	Rupees Seven Thousand Five 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>
5.30	40 mm dia.Under ground	152.250	Meter	254.00	38,672.00	Rupees ThirtyEight Thousand Six Hundred SeventyTwo Only
5.40	32 mm dia.Under ground	16.250	Meter	211.00	3,429.00	Rupees Three Thousand Four Hundred TwentyNine Only
5.50	32 mm dia.above ground	151.000	Meter	197.00	29,747.00	Rupees TwentyNine Thousand Seven Hundred FourtySeven Only
5.60	40 mm dia.above ground	23.050	Meter	244.00	5,624.00	Rupees Five Thousand Six Hundred TwentyFour Only
5.70	100 mm dia.above ground	2.000	Meter	932.00	1,864.00	Rupees One Thousand Eight Hundred SixtyFour Only
6.00	Supply of Chlorinated Polyvinyl Chloride (CPVC) pipes & fittings conforming to IS-15778: 2007.					
6.10	Ball Valve.					
6.11	32 mm dia.	2.000	Nos	399.00	798.00	Rupees Seven Hundred NinetyEight Only
6.12	50 mm dia.	3.000	Nos	1,128.00	3,384.00	Rupees Three Thousand Three Hundred EightyFour Only
6.20	Male threaded adopter.					
6.21	50 mm dia. (Brass threaded)	6.000	Nos	1,093.00	6,558.00	Rupees Six Thousand Five Hundred FiftyEight Only
6.22	40 mm dia. (Brass threaded)	1.000	Nos	585.00	585.00	Rupees Five Hundred EightyFive Only
6.33	32 mm dia. (with out Brass threaded)	7.000	Nos	52.00	364.00	Rupees Three Hundred SixtyFour Only
6.30	Female threaded adopter.					
6.31	32 mm dia. (Brass threaded)	2.000	Nos	525.00	1,050.00	Rupees One Thousand Fifty Only
6.40	Reducing Bush					
6.41	40 mm X32 mm	2.000	Nos	31.00	62.00	Rupees 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>
7.00	Sluice valve chamber with C.I. heavy cover with locking arrangement, (weight not less than 25 kg) (size of chamber 450 mm X 600 mm inside upto 900 mm depth) 250 mm thick cement brick walls (6:1), 150 mm thick cement concrete (6:3:1) bed with stone chips, 20 mm thick cement plaster (6:1) for inside wall and 15 mm thick cement plaster (4:1) for outer walls including rounding corners.	3.000	Nos	10,459.00	31,377.00	Rupees ThirtyOne Thousand Three Hundred SeventySeven Only
8.00	Supplying, fitting and fixing of UPVC pipes (B Type) & fittings conforming to IS-13592-1992. Single Socketed 3 Meter Length. 110 mm. Under ground.	12.000	Meter	376.00	4,512.00	Rupees Four Thousand Five Hundred Twelve Only
9.00	Supplying, fitting and fixing of G. I. pipes of Non-TATA make including necessary sockets. 32 mm dia. Medium quality.	3.000	Nos	283.80	851.00	Rupees Eight Hundred FiftyOne Only
10.00	Supplying, fitting and fixing of long screw (150 mm long) of TATA make with sockets (TATA make) and jamnut. 32 mm dia.	8.000	Nos	84.00	672.00	Rupees Six Hundred SeventyTwo Only
11.00	Supplying, fitting and fixing of G.I. reducing elbow. 40 mm X 32 mm.	1.000	Nos	109.00	109.00	Rupees One Hundred Nine Only
12.00	Supplying, fitting and fixing of galvanised iron socket with I.S.I. mark.					
12.10	50 mm dia.	1.000	Nos	102.00	102.00	Rupees One Hundred Two Only
12.20	80 mm dia.	2.000	Nos	237.00	474.00	Rupees Four Hundred SeventyFour Only
13.00	Supplying, fitting and fixing of G.I. plain tee of approved brand and make. 50 mm dia.	1.000	Nos	199.00	199.00	Rupees One Hundred NinetyNine Only
14.00	Supplying, fitting and fixing of G.I. reducing socket with I.S.I. mark. 40 mm dia.	1.000	Nos	76.00	76.00	Rupees SeventySix Only
15.00	Supplying, fitting and fixing of G.I. plain tee of approved brand and make. 32 mm dia.	1.000	Nos	87.00	87.00	Rupees EightySeven Only
16.00	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).					
16.10	Union					
16.11	50 mm dia.	3.000	Nos	150.00	450.00	Rupees Four Hundred Fifty Only
16.20	Elbow					

<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>
16.21	32 mm dia.	20.000	Nos	41.00	820.00	Rupees Eight Hundred Twenty Only
16.22	40 mm dia.	3.000	Nos	69.00	207.00	Rupees Two Hundred Seven Only
16.30	Reducing Socket (mm X mm)					
16.31	40 X 32	8.000	Nos	43.00	344.00	Rupees Three Hundred FourtyFour Only
16.32	80 X 40	1.000	Nos	136.00	136.00	Rupees One Hundred ThirtySix Only
16.33	50 X40	2.000	Nos	66.00	132.00	Rupees One Hundred ThirtyTwo Only
16.40	Nipple					
16.41	32 mm dia. (75 mm long)	8.000	Nos	28.00	224.00	Rupees Two Hundred TwentyFour Only
16.42	32 mm dia. (100 mm long)	8.000	Nos	35.00	280.00	Rupees Two Hundred Eighty Only
16.50	Tee					
16.51	32 mm dia.	8.000	Nos	56.00	448.00	Rupees Four Hundred FourtyEight Only
16.52	50 mm dia.	1.000	Nos	125.00	125.00	Rupees One Hundred TwentyFive Only
16.60	Threaded End Cap.					
16.61	32 mm dia.	8.000	Nos	23.00	184.00	Rupees One Hundred EightyFour Only
16.70	Socket					
16.71	32 mm dia.	35.000	Nos	33.00	1,155.00	Rupees One Thousand One Hundred FiftyFive Only
16.72	40 mm dia.	52.000	Nos	42.00	2,184.00	Rupees Two Thousand One Hundred EightyFour Only
16.73	100 mm dia.	1.000	Nos	242.00	242.00	Rupees Two Hundred FourtyTwo Only
17.00	Renewing high pressure polythene ball cock of approved quality with polythene ball and aluminium lever complete for pipe of dia.: 32 mm.	13.000	Nos	165.00	2,145.00	Rupees Two Thousand One Hundred FourtyFive Only
18.00	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand.	9.600	Sqm	361.00	3,466.00	Rupees Three Thousand Four Hundred SixtySix 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>
19.00	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.	0.240	Cum	5,449.74	1,308.00	Rupees One Thousand Three Hundred Eight Only
20.00	Labour for taking out old soling edging including removing debris Single flat soling.	9.600	Sqm	9.81	94.00	Rupees NinetyFour Only
21.00	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. 3 mm. thick topping.In second Floor. 20 mm. thick.	9.600	Sqm	240.00	2,304.00	Rupees Two Thousand Three Hundred Four Only

Total 1,64,157.00

Add 12% GST 19,699.00

Add 1% Cess 1,839.00

Total 1,85,695.00

Rupees One Lakh EightyFive Thousand Six Hundred NinetyFive Only



Executive Engineer
Kolkata south-I Division
Housing directorate

SL.NO. 11

Probable items of specific priced schedule with approximate quantities in connection with the maintenance work 3 Nos flat (H/1, G/2 and H/7) for both building and S & P works inside and out side at RHE Ashok avenue with allied works for the year 2019-20.

<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 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.					
1.10	In Ground Floor.	7.100	Sqm	50.00	355.00	Rupees Three Hundred FiftyFive Only
1.20	In Third Floor.	11.120	Sqm	68.00	756.00	Rupees Seven Hundred FiftySix 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.	93.500	Sqm	19.00	1,777.00	Rupees One Thousand Seven Hundred SeventySeven 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.					
3.10	In Ground Floor.	0.146	Sqm	1,956.00	286.00	Rupees Two Hundred EightySix Only
3.20	In Third Floor.	0.146	Sqm	2,106.00	307.00	Rupees Three Hundred Seven Only
4.00	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.	27.000	Sqm	90.00	2,430.00	Rupees Two Thousand Four Hundred Thirty Only
5.00	Removing corroded worn out portion of reinforcement (when the area of bar is damaged by more than 25%) by cutting and replacing the same by a new plain round bar of requisite diameter by binding with required lap / welding with old bar, including cost of reinforcement, complete in all respect including removing unserviceable materials from site as per direction of the Engineer - in - charge. Note : Payment on weight (Kg.) of new reinforcement.	5.330	Kg	87.00	464.00	Rupees Four Hundred SixtyFour 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	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.	45.820	Sqm	88.00	4,032.00	Rupees Four Thousand ThirtyTwo Only
7.00	Cement concrete (1:1.5:3) with graded stone chips 5.6 mm size with 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.	27.000	Sqm	293.00	7,911.00	Rupees Seven Thousand Nine Hundred Eleven Only
8.00	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.					
8.10	In Ground Floor.	0.190	Cum	5,449.74	1,035.00	Rupees One Thousand ThirtyFive Only
8.20	In Third Floor.	3.430	Cum	5,734.74	19,670.00	Rupees Nineteen Thousand Six Hundred Seventy Only
9.00	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. With rabbet on one side. 75 mm. x 50 mm. or 75 mm. x 75 mm. sec.	10.800	Meter	73.00	788.00	Rupees Seven Hundred EightyEight Only
10.00	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. 3 mm. thick topping.In second Floor. 25 mm. thick.					

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					<u>In Figure</u>	<u>In Ward</u>
10.10	In Ground Floor.	7.100	Sqm	273.00	1,938.00	Rupees One Thousand Nine Hundred ThirtyEight Only
10.20	In Third Floor.	11.120	sqm	285.29	3,172.00	Rupees Three Thousand One Hundred SeventyTwo Only
11.00	Cutting holes and subsequent mending good damages. Diameter upto 150 mm. In brick work.	3.000	Meter	111.00	333.00	Rupees Three Hundred ThirtyThree Only
12.00	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. Slab Thickness 20 to 25 mm.					
12.10	In Ground Floor.	2.910	Sqm	643.00	1,871.00	Rupees One Thousand Eight Hundred SeventyOne Only
12.20	In Third Floor.	2.190	sqm	679.00	1,487.00	Rupees One Thousand Four Hundred EightySeven Only
13.00	Cutting chase upto 125 x 150 mm. and subsequent mending of damages in brick wall.	19.200	Meter	93.00	1,786.00	Rupees One Thousand Seven Hundred EightySix Only
14.00	Taking out shutter of door and window, dismantling by parts (for repair or replacement of damaged parts), reassembling and refitting and rehangng same with old fittings but with new screws as necessary.	14.510	Sqm	126.00	1,828.00	Rupees One Thousand Eight Hundred TwentyEight Only
15.00	Taking out door and window shutters and rehangng the same with old fittings. With new iron screws.	18.600	Sqm	78.00	1,451.00	Rupees One Thousand Four Hundred FiftyOne Only
16.00	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 : Local.					
16.72	In Ground Floor.	0.040	Cum	77,671.00	3,107.00	Rupees Three Thousand One Hundred Seven Only
16.73	In Third Floor.	0.056	Cum	78,271.00	4,383.00	Rupees Four Thousand Three Hundred EightyThree Only

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					<u>In Figure</u>	<u>In Ward</u>
17.00	Wooden sash bar 50mm. X 35mm. Upto 1200 mm length with coach screw and flat iron clamps (40mm. X 6mm.) fitted and fixed complete in any position. Local Sal.	6.000	Nos	194.00	1,164.00	Rupees One Thousand One Hundred SixtyFour Only
18.00	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.	24.000	Nos	38.00	912.00	Rupees Nine Hundred Twelve Only
19.00	Styles and rails of wooden shutters fitted and fixed complete. 35mm Thick shutter. Sishu, Gamar, Champ, Badam, Bhola, Mogra, Hallak.	2.812	Cum	2,292.00	6,445.00	Rupees Six Thousand Four Hundred FourtyFive Only
20.00	Easing door and windows.	20.000	Nos	17.00	340.00	Rupees Three Hundred Fourty Only
21.00	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark.					
21.10	75mm. X 47mm. X 1.70mm	30.000	Nos	31.00	930.00	Rupees Nine Hundred Thirty Only
21.20	100mm. X 58mm. X 1.90mm.	20.000	Nos	47.00	940.00	Rupees Nine Hundred Fourty Only
22.00	Iron socket bolt of approved quality fitted and fixed complete. 150mm long x 10mm dia bolt.	16.000	Nos	63.00	1,008.00	Rupees One Thousand Eight Only
23.00	Iron hasp bolt of approved quality fitted and fixed complete (oxidised) with 16mm dia rod with centre bolt and round fitting. 300mm long.	3.000	Nos	166.00	498.00	Rupees Four Hundred NinetyEight Only
24.00	Iron door ring of approved quality fitted and fixed with nut and washer complete. 50 mm dia.	12.000	Nos	17.00	204.00	Rupees Two Hundred Four Only
25.00	Taking out old iron higes and fitting, fixing the same with new steel screws. 75mm. Long butt hinge.	36.000	Nos	10.00	360.00	Rupees Three Hundred Sixty Only
26.00	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					
26.10	With 1:6 cement mortar, 20 mm thick plaster.					
16.11	In Ground Floor.	42.500	Sqm	175.00	7,438.00	Rupees Seven Thousand Four Hundred ThirtyEight Only

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					<u>In Figure</u>	<u>In Ward</u>
26.12	In Third Floor.	51.000	Sqm	187.00	9,537.00	Rupees Nine Thousand Five Hundred ThirtySeven Only
26.20	With 1:6 cement mortar, 20 mm thick plaster.					
26.21	In Ground Floor.	15.750	Sqm	133.00	2,095.00	Rupees Two Thousand NinetyFive Only
26.22	In Third Floor.	11.250	Sqm	145.00	1,631.00	Rupees One Thousand Six Hundred ThirtyOne Only
27.00	Scraping and removing greasy soot from walls or ceiling of kitchen or similar smoke affected rooms and preparing the surface.	120.210	Sqm	11.00	1,322.00	Rupees One Thousand Three Hundred TwentyTwo Only
28.00	Colour washing with "ELLA" with a coat of white wash priming including cleaning and smoothening surface thoroughly : Internal (all floors). Two coats.	120.210	Sqm	21.53	2,588.00	Rupees Two Thousand Five Hundred EightyEight Only
29.00	White washing including cleaning and smoothening surface thoroughly. All floors : Two coats.	592.020	Sqm	18.14	10,739.00	Rupees Ten Thousand Seven Hundred ThirtyNine Only
30.00	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.	12.000	Cum	166.00	1,992.00	Rupees One Thousand Nine Hundred NinetyTwo Only
31.00	Labour for dismantling G.I. pipe with fittings.					
31.10	15 mm dia.	37.500	Meter	6.00	225.00	Rupees Two Hundred TwentyFive Only
31.20	20 mm dia.	55.500	Meter	6.00	333.00	Rupees Three Hundred ThirtyThree Only
31.30	40 mm dia.	37.000	Meter	8.00	296.00	Rupees Two Hundred NinetySix Only
32.00	Supply of Chlorinated Polyvinyl Chloride (CPVC) pipes & fittings conforming to IS-15778: 2007					
32.10	CPVC Pipes Class-1,SDR-11					
32.11	15 mm dia.	45.000	Meter	71.00	3,195.00	Rupees Three Thousand One Hundred NinetyFive Only

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					<u>In Figure</u>	<u>In Ward</u>
32.12	20 mm dia.	36.000	Meter	104.00	3,744.00	Rupees Three Thousand Seven Hundred FourtyFour Only
32.13	40 mm dia.	36.000	Meter	325.00	11,700.00	Rupees Eleven Thousand Seven Hundred Only
32.20	Socket					
32.21	15 mm dia.	12.000	Nos	8.00	96.00	Rupees NinetySix Only
32.22	20 mm dia.	12.000	Nos	11.00	132.00	Rupees One Hundred ThirtyTwo Only
32.30	Equal Tee.					
32.31	15 mm dia.	12.000	Nos	12.00	144.00	Rupees One Hundred FourtyFour Only
32.32	20 mm dia.	9.000	Nos	21.00	189.00	Rupees One Hundred EightyNine Only
32.40	Reducing Socket.					
32.41	20mm X 15mm	3.000	Nos	12.00	36.00	Rupees ThirtySix Only
32.50	Male threaded adopter. (Brass threaded)					
32.51	15 mm dia.	15.000	Nos	104.00	1,560.00	Rupees One Thousand Five Hundred Sixty Only
32.52	20 mm dia.	6.000	Nos	118.00	708.00	Rupees Seven Hundred Eight Only
32.60	Elbow (90°)					
32.61	15 mm dia.	18.000	Nos	10.00	180.00	Rupees One Hundred Eighty Only
32.62	20 mm dia.	15.000	Nos	15.00	225.00	Rupees Two Hundred TwentyFive Only
32.70	Union					
32.71	20 mm dia.	6.000	Nos	84.00	504.00	Rupees Five Hundred Four Only
32.80	Ball Valve					
32.81	20 mm dia.	3.000	Nos	152.00	456.00	Rupees Four Hundred FiftySix Only
32.82	40 mm dia.	3.000	Nos	553.00	1,659.00	Rupees One Thousand Six Hundred FiftyNine 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>
32.90	Female threaded adopter. (Brass threaded)					
32.91	15 mm dia.	18.000	Nos	101.00	1,818.00	Rupees One Thousand Eight Hundred Eighteen Only
32.92	Female Elbow. (Brass threaded)					
32.93	15 mm dia.	18.000	Nos	65.00	1,170.00	Rupees One Thousand One Hundred Seventy Only
33.00	Dismantling Orissa pattern W.C. including taking out of base concrete, if necessary, complete.	3.000	Nos	45.00	135.00	Rupees One Hundred ThirtyFive Only
34.00	Supplying, fitting and fixing E.W.C. in white glazed vitreous chinaware of approved make complete in position with necessary bolts, nuts etc. With 'P' trap	3.000	Nos	1,421.00	4,263.00	Rupees Four Thousand Two Hundred SixtyThree Only
35.00	Supplying, fitting and fixing Closet seat of approved make with lid and C.P. hinges, rubber buffer and brass screws complete. E.W.C. Plastic (hallow type) white.	3.000	Nos	380.00	1,140.00	Rupees One Thousand One Hundred Fourty Only
36.00	Supplying, fitting and fixing 10 litre P.V.C. low-down cistern conforming to I.S. specification with P.V.C. fittings complete, C.I. brackets including two coats of painting to bracket etc.	3.000	Nos	1,015.00	3,045.00	Rupees Three Thousand FourtyFive Only
37.00	Dismantling wash basin with brackets with or without waste fittings.	3.000	Nos	35.00	105.00	Rupees One Hundred Five Only
38.00	Wash basin vitreous china of approved make (without fittings) supplied, fitted and fixed in position on 75mm X 75 mm X 75 mm wood blocks and C.I. brackets including two coats of painting of C.I. brackets. 550 mm X 400 mm size.	3.000	Nos	1,383.00	4,149.00	Rupees Four Thousand One Hundred FourtyNine Only
39.00	Supplying, fitting and fixing approved brand 32 mm dia. P.V.C. waste pipe, with PVC coupling at one end fitted with necessary clamps. 1050 mm long.	6.000	Nos	91.00	546.00	Rupees Five Hundred FourtySix Only
40.00	Dismantling sink with brackets with or without waste fittings. Upto 450 mm length.	3.000	Nos	40.00	120.00	Rupees One Hundred Twenty Only
41.00	Best quality sink in mosaic in silver grey colour with C.P. waste and other fittings, rubber plug and chain, C.I. heavy brackets with two coats of approved paint. 600 mm X 450 mm X 200 mm	2.000	Nos	826.00	1,652.00	Rupees One Thousand Six Hundred FiftyTwo Only
42.00	Supplying, fitting and fixing stainless steel sink complete with waste fittings and two coats of painting of C.I. brackets. Sink only	1.000	Nos	3,285.00	3,285.00	Rupees Three Thousand Two 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>
43.00	Supplying, fitting and fixing Waste fittings complete. C.P. over brass. 32 mm.	6.000	Nos	190.00	1,140.00	Rupees One Thousand One Hundred Fourty Only
44.00	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. 600 mm long.	6.000	Nos	107.00	642.00	Rupees Six Hundred FourtyTwo Only
45.00	Supplying, fitting and fixing pillar cock of approved make. PTMT Pillar Cock - 15 mm. (Prayag or equivalent).	3.000	Nos	222.00	666.00	Rupees Six Hundred SixtySix Only
46.00	Supplying, fitting and fixing shower of approved brand and make. PTMT overhead shower (Prayag or equivalent). 150 mm round.	3.000	Nos	340.00	1,020.00	Rupees One Thousand Twenty Only
47.00	Supplying, fitting and fixing bib cock or stop cock. PTMT (Polytetra Bib Cock / Stop Cock (Prayag or equivalent). 15 mm dia.	21.000	Nos	154.00	3,234.00	Rupees Three Thousand Two Hundred ThirtyFour Only
48.00	Labour for fitting and fixing high density poly-ethylene pipes or P.V.C. pipes for above ground work including cost of jointing materials paints etc. fitting and fixing all necessary specials, cutting pipes, making threads, cutting holes in walls or R.C. floor where necessary and mending good all damages excluding the cost of masonry or concrete work, if necessary, but including the cost and fitting and fixing holder bat clamps(any floor) or for underground work including cutting trenches upto 1.5 metre and refilling the same complete as per direction of the Engineer-in-charge. Above Ground.					
48.10	15 mm dia.	45.000	Meter	26.00	1,170.00	Rupees One Thousand One Hundred Seventy Only
48.20	20 mm dia.	36.000	Meter	27.00	972.00	Rupees Nine Hundred SeventyTwo Only
48.30	40 mm dia.	36.000	Meter	37.00	1,332.00	Rupees One Thousand Three Hundred ThirtyTwo Only
49.00	Dismantling H.C.I. pipe with fittings including melting lead caulked joints. 100 mm.	8.000	Meter	64.00	512.00	Rupees Five Hundred Twelve Only
50.00	Supplying, fitting and fixing of UPVC pipes (B Type) & fittings conforming to IS-13592-1992.					

<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>
50.10	Single Socketed 3 Meter Length. 110 mm.	10.000	Meter	349.00	3,490.00	Rupees Three Thousand Four Hundred Ninety Only
50.20	Door Tee, 110 mm.	2.000	Nos	195.00	390.00	Rupees Three Hundred Ninety Only
50.30	Cross Tee with Door, 110 mm.	1.000	Nos	239.00	239.00	Rupees Two Hundred ThirtyNine Only
50.40	Vent Cowl, 110 mm.	2.000	Nos	33.00	66.00	Rupees SixtySix Only
50.50	Rubber Lubricant	1.000	Nos	187.00	187.00	Rupees One Hundred EightySeven Only
50.60	Solvent Cement	1.000	Nos	103.00	103.00	Rupees One Hundred Three Only
51.00	Supplying, fitting and fixing C.I. holder bat clamp including cutting holes in wall etc. and mending good all damages in cement concrete with jhama chips (4:2:1) and cement plaster (6:1) to match and curing complete in all respect.					
51.10	15 mm dia.	30.000	Nos	25.00	750.00	Rupees Seven Hundred Fifty Only
51.20	20 mm dia.	24.000	Nos	29.00	696.00	Rupees Six Hundred NinetySix Only
51.30	40 mm dia.	4.000	Nos	48.00	192.00	Rupees One Hundred NinetyTwo Only
51.40	100 mm dia.	6.000	Nos	166.00	996.00	Rupees Nine Hundred NinetySix Only
52.00	Making one set of scaffolding only for replacing glass panels, painting, uprooting plant and another repairing works of building and S&P works for external works only with 10 cm. dia bamboo as main posts at the rate of 1 metre centre to centre and 7.5 cm. dia bamboo ties @ 0.75 metre apart fitting and fixing with necessary coir, nails etc. as per direction of the Engineer incharge.					
52.10	3.90 metre height	1.000	Nos	279.00	279.00	Rupees Two 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>
52.20	Extra for additional 3.6 height or part thereof	3.000	Nos	245.00	735.00	Rupees Seven Hundred ThirtyFive Only
52.30	shifting	5.000	Nos	101.40	507.00	Rupees Five Hundred Seven Only


Total 1,77,438.00

Add 12% GST 21,293.00

Add 1% Cess 1,987.00

Total 2,00,718.00

Rupees Two Lakh Seven Hundred Eighteen Only



Executive Engineer
Kolkata south-I Division
Housing directorate