



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

Memo. No. 174/X-159

Dated: 02/02/2018

NOTICE INVITING TENDER NO. 27 OF 2017-2018 OF THE EXECUTIVE ENGINEER, KOLKATA SOUTH - I DIVISION, HOUSING DIRECTORATE

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

1. Name of work	As per Annexure attached.
2. Estimated Amount of work put to tender	As per Annexure attached.
3. Time allotted for completion of work	As per Annexure attached.
4. Name & Address of Concern Division	Executive Engineer, Kolkata south-I Division, Housing directorate, 84, Ibrahimpur Road, Kolkata-700032.
5. Eligibility of Contractors for issuing Tender Form.	Bonafied outsider and agency entitled as per latest Govt. Order having credential in similar nature of work within the last 5[Five] Years.
6. Criteria for eligibility	(i) The Contractor/Firm should have credential of similar nature of work. (ii) The Contractor/Firm shall submit copies of Trade License, GST Registration Certificate, 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	14/02/ 2018 up to 2:00 P.M.
11. Date of Opening Tender	16/02/ 2018 at 2:30 P.M.

Procedure for Tender Dropping

Envelope 'A':-

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

Envelope 'B':-

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

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



Executive Engineer
Kolkata south-I Division
Housing directorate

Memo. No. 174/1/(21)/X-159

Dated: 02/02/2018

Copy forwarded to the:-

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



Executive Engineer
Kolkata south-I Division
Housing directorate

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.	Repairing work for Flat No. B/6 at 44, Iron Side Road Kolkata, by providing thorough flooring with vitrified tiles, renovation of bathrooms and kitchen with modern amenities such as wardrobes and cabinet etc. plumbing & latest sanitary fittings, wood work, brick work including other allied works.	3,75,895.00	7,518.00	2911 (ii)	Free of Cost (Download from Departmental Website/ wbhousing.gov.in)	Kolkata South Sub-Division No.-I	30 (Thirty) Days	SOR of P.W.D.Govt. of W.B. w.e.f-1st December 2014 & current corrigendum in Respective District.
2.	Replacement and Renovation for inside repairing Flat No. E/2 at 32, B.C. Road Kolkata, such as laying of vitrified tiles renovation of one no bathroom and kitchen, plastering to wall along with some allied items.	3,70,009.00	7,400.00			Kolkata South Sub-Division No.-I	30 (Thirty) Days	
3.	Replacement and Renovation work to Flat No. A/7 such as plastering ceiling repairing, painting, wood work etc. net on A/3, wood work in Mtc. office along with some allied items at 32 B.C. Road, Kolkata.	3,22,239.00	6,445.00			Kolkata South Sub-Division No.-I	30 (Thirty) Days	
4.	Replacement and Renovation to bathroom, kitchen, wood work, sanitary plumbing works and repairing to Flat No. B/4 at 32 B.C. Road, Kolkata along with some allied works.	3,96,206.00	7,924.00			Kolkata South Sub-Division No.-I	30 (Thirty) Days	
5.	Replacement and Renovation work to Flat No. F/6 (New allotment) at 32 B.C. Road Kolkata, such as renovation work of kitchen wood work, sanitary plumbing work, painting, repairing, along with some allied items.	3,56,333.00	7,127.00			Kolkata South Sub-Division No.-I	30 (Thirty) Days	
6.	Replacement and Renovation work for Flat No. 22/3 (MIG) at CHE Regent Park Housing Estate, 131, N.S.C. Bose Road, Kolkata-700040 during the year 2017-18.	3,91,004.00	7,820.00			Kolkata South Sub-Division No.-II	30 (Thirty) Days	

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
7.	Replacement and Renovation work for Flat No. 24/4 (MIG) at CHE Regent Park Govt. Housing Estate, 131, N.S.C. Bose Road, Kolkata-700040 during the year 2017-2018.	3,96,748.00	7,935.00	2911 (ii)	Free of Cost (Download from Departmental Website/ wbhousing.gov.in)	Kolkata South Sub-Division No.-II	30 (Thirty) Days	SOR of P.W.D.Govt. of W.B. w.e.f-1 st December 2014 & current corrigendum in Respective District.
8.	Replacement and Renovation work for Flat No. L/2 and G/8 at RHE Baburam Ghosh Road.	4,00,108.00	8,002.00			Kolkata South Sub-Division No.-II	30 (Thirty) Days	
9.	Renovation for Flat NO. 34 & 77 (new allotment) kitchen, bath by fixing floor & wall tiles, Marble & block stone, acrylic emulsion paint, some S & P works with allied items of work at RHE Minto Park during the year 2017-18.	4,85,257.00	9,705.00			Kolkata South Sub-Division No.-I	30 (Thirty) Days	
10.	Renovation for Flat No. 43 & 15 (new allotment) kitchen, bath by fixing floor & wall tiles, Marble & block stone, acrylic emulsion paint, some S & P works with allied items of work at RHE Minto Park during the year 2017-18.	4,85,120.00	9,702.00			Kolkata South Sub-Division No.-I	30 (Thirty) Days	SOR of P.W.D.Govt. of W.B. w.e.f-1 st November 2017 & current corrigendum in Respective District
11.	Repairing & polishing of wooden furniture, Loft covering, etc. at office of the Executive Engineer, Kolkata South-I Division, Housing Directorate, during the year 2017- 18	4,67,921.00	9,358.00			Kolkata South Sub-Division No.-III	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. 27 of 2017 -18 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 _____ 20 17

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 _____ 20 17

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 of effect of this contract specified in the schedule or memorandum hereto annexed), the contractor shall be supplied with such materials and stores as required from time to time to be used by him for the purposes of the contract only, and the value of the full quantity of materials and stores so supplied at the rates specified in the schedule or memorandum may be set off or deducted from any sums then due, or thereafter to become due to the contractor under the contract, or otherwise, or against or from the security deposit or the proceeds of sale thereof; if the same is thereof, of the same is held in Government securities, the same or a sufficient portion thereof being in this case sold for the purpose. All material supplied to the contractor shall remain the absolute property of Government and shall not on any account be removed from the site of the work, and shall at all times be open to inspection by the Engineer-in-Charge. Any such materials unused and in perfectly good condition at the time of the completion or determination of the contract shall be returned to the Engineer-in-Charge's store if by a notice in writing under his hand he shall so require; but the contractor shall not be entitled to return any such materials unless with such consent, and shall have no claim for compensation on account of any such materials so supplied to him as aforesaid being unused by him, or for any wastage in or damage to any such materials.

Stores
supplied by
Government

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

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

Clause-12 Engineer-in-Charge shall have power to make any alterations in, omissions from, additions to or substitutions for the original specifications, drawings, designs and instructions that may appear to him to be necessary or advisable during the progress of the work and the contractor shall be bound to carry out the work in accordance with any instruction which may be given to him in writing signed by the Engineer-in-Charge and such alteration, omission, additions or substitutions shall not invalidate the contract but shall be deemed to have formed as work included in the original tender and any altered, additional or substituted work which the contractor may be directed to do in the matter above specified as part of the work shall be carried out by the contractor on the same conditions in all respects on which he agreed to do the main work and the same rates, if any, may be specified in the tender for the main work. The time for the completion of the work shall be extended on the proportion that the altered, additional or substituted work bears to the original contract work and the certificate of the Engineer-in-Charges shall be conclusive as to such proportion. And if the altered, additional or substituted work includes any class of work, for which no rate is specified in this contract, then such class of work shall be carried out at the rates entered in the Schedule of rates brought out by the Superintending Engineer of the district, which was in force at the time of the acceptance of the contract minus/plus the percentage which the total tendered amount bears to the estimated cost of the entire work put to tender, and if the altered, additional or substituted work is not entered in the said schedule of rates payment thereof shall be made by the Engineer-in-Charge by determining the rates on analysis worked out from (a) the basic rates of materials and labour provided in the current Schedule of rates or (b) the current market rates of materials and labour when even basic rates for the work are not available in the schedule. In cases when such rates are determined on analysis by the Engineer-in-Charges under (a) above, the stipulated percentage above or below Schedule of analysis under (b) above payment shall be made at the rates so determined without application or the said stipulated percentage. In the event to any dispute regarding rates determined on analysis for any altered, additional or substituted work under this clause, the decision of the Superintending Engineer of the Circle shall be final and binding.

Alterations in specifications and designs

Do not invalidate contract.

Extension of time in consequence of alteration

Rates for works not in estimated schedule

Clause-12A

DELETED

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

No compensation for alteration in, or restriction of, work to be carried out

Clause-14 If it shall appear to the Engineer-in-Charge or his subordinate in charge of the work, that any work has been executed with unsound, imperfect, or unskillful workmanship, or with materials of any inferior description, or that any materials or articles provided by him for the execution of the work are unsound or of a quality inferior to that contracted for, or otherwise not in accordance with the contract, the contractor shall on demand in writing from the Engineer-in-Charge specifying the work, materials or articles complained of notwithstanding that the same have been inadvertently passed, certified and paid for, forthwith rectify, or remove and re-construct the work so specified and provide other proper and suitable materials or articles at his own proper charge and cost; and in the event of his failing to do so within a period to be specified by the Engineer-in-Charge in his demand aforesaid, then contractor shall be liable to pay compensation at the rate of one per cent, on the amount of the estimate for everyday not exceeding ten days, while his failure to do so shall continue and in the case of any such failure the Engineer-in-Charge may rectify or remove, and re-execute the work or remove and replace with others, the materials or articles complained of as the case may be at the risk and expense in all respects of the contractor.

Action and compensation payable in case of bad work

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

Work to be open to

Clause 16. -The contractor shall give not less than five days' notice in writing to the Engineer-in-Charge or his subordinate in charge of the work before covering up or otherwise placing beyond the reach of measurement any work in order that the same may be measured, and correct dimensions thereof be taken before the same is so covered up or placed beyond the reach of measurement and shall not cover up or place beyond the reach of measurement any work without the consent in writing of the Engineer-in-Charge or his subordinate in charge of the works and if any work shall be covered up or placed beyond the of reach of measurement without such notice having been given or consent obtained, the same shall be uncovered at the contractor's expense, or in default thereof no payment or allowance shall be made for such work or the materials with which the same was executed.

Contractor or

Notice to be given before work is covered

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

Clause 17 – If the contractor or his workmen or servants or authorized representative shall break, deface, injure or destroy any part of building, in which they may be working, or any building, road, road-curbs, fence, enclosure, water pipes, cables, drains, electric or telephone posts or wires, tress, grass or grassland or cultivated ground contiguous to the premises, on which the work or any part of it is being executed or if any damage shall happen to the work from any cause whatsoever or any imperfection become apparent in it at any time whether during its execution or within a period of three months or one year or three years or five years, as the case may be (depending upon the nature of the work as described in the explanation appended hereto) hereinafter referred to as the Defect Liability Period, from the actual date of completion of work as per completion certificate issued by the Engineer-in-Charge, the contractor shall make the same good at his own expense, or in default, the Engineer-in-Charge may cause the same to be made good by other workmen and deduct the expense (of which the certificate of the Engineer-in-Charge shall be final and binding on all concerned) from any sums, whether under this contract or otherwise, that may be then or at any time thereafter become due to the contractor from the Government or from his security deposit, either full or of a sufficient portion thereof and if the cost, in the opinion of the Engineer-in-Charge (which opinion shall be final and conclusive against the contractor), of making such damage or imperfection good shall exceed the amount of such security deposit and/or such sums, it shall be lawful for the Government to recover the excess cost from the contractor in accordance with the procedure prescribed by any law for the time being in force.

Contractor liable for damage done and for imperfection for three months

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

a) For work with three months Defect Liability Period :

i) Full security deposit shall be refunded to the contractor on expiry of three months from the actual date of completion of the work.

b) For work with one year Defect Liability Period :

i) Full security deposit shall be refunded to the contractor on expiry of one year from the actual date of completion of the work.

c) For work with three years Defect Liability Period :

i) 30% of the security deposit shall be refunded to the contractor on expiry of two years from the actual date of completion of the work.

ii) The balance 70% of the security deposit shall be refunded to the contractor on expiry of three years from the actual date of completion of the work.

d) For work with five years Defect Liability Period :

i) No Security deposit shall be refunded to the contractor for 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 not withstanding 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 by 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 construed 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. 1

Probable items of specific priced schedule with approximate quantities in connection with the Renovation work for Flat No. B/6 at 44, Iron Side Road Kolkata, by providing thorough flooring with vitrified tiles, renovation of bathrooms and kitchen with modern amenities such as wardrobes and cabinet etc. plumbing & latest sanitary fittings, wood work, brick work including other allied 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 Chipping of concrete surface before taking up Plastering work.	94.250	Sqm	21.00	1,979.00	Rupees One Thousand Nine Hundred SeventyNine 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. In Second floor.	0.140	Cum	2,075.00	291.00	Rupees Two Hundred NinetyOne Only
3.00	Cutting chase upto 125 x 150 mm. and subsequent mending of damages. In brick wall [Cement-3.6 Kg/Mtr].	4.400	Meter	101.00	444.00	Rupees Four Hundred FourtyFour Only
4.00	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	0.250	Cum	6,256.02	1,564.00	Rupees One Thousand Five Hundred SixtyFour Only
5.00	Supplying, fitting and fixing G.I. pipes of TATA make with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, longscrew, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, making threads, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials and two coats of painting with approved paint in any position above ground. For Exposed Work. 15 mm dia. light quality.	12.200	Meter	202.00	2,464.00	Rupees Two Thousand Four Hundred SixtyFour Only
6.00	Supplying, fitting and fixing Peet's valve fullway gunmetal standard pattern best quality of approved brand bearing I.S.I. marking with fittings (tested to 21 kg per sq. cm.) 20 mm dia .	2.000	Nos	807.00	1,614.00	Rupees One Thousand Six Hundred Fourteen Only
7.00	Supplying, fitting and fixing towel rail with two brackets. C.P. over brass. 25 mm dia. and 600 mm long.	2.000	Nos	554.00	1,108.00	Rupees One Thousand One Hundred Eight Only
8.00	Dismantling E.P. or Anglo-Indian W.C.	2.000	Nos	45.00	90.00	Rupees Ninety Only
9.00	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.	2.000	Nos	1,776.00	3,552.00	Rupees Three Thousand Five Hundred FiftyTwo 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	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.	2.000	Nos	572.00	1,144.00	Rupees One Thousand One Hundred FourtyFour Only
11.00	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.	2.000	Nos	1,181.00	2,362.00	Rupees Two Thousand Three Hundred SixtyTwo Only
12.00	Supplying,fitting and fixing 32 mm dia. Flush Pipe of approved make with necessary fixing materials and clamps complete. Polythene Flush Pipe.	2.000	Nos	181.00	362.00	Rupees Three Hundred SixtyTwo Only
13.00	Supplying, fitting and fixing C.P. Extension Pipe.	10.000	Nos	133.00	1,330.00	Rupees One Thousand Three Hundred Thirty Only
14.00	Supplying, fitting and fixing C.P. Wall Flange	8.000	Nos	81.00	648.00	Rupees Six Hundred FourtyEight Only
15.00	Supplying, fitting & fixing 1st quality Ceramic tiles in walls and floors to match with the existing work & 4 nos. of key stones (10mm) fixed with araldite at the back of each tile & finishing the joints with white cement mixed with colouring oxide if required to match the colour of tiles including roughening of concrete surface, if necessary or by synthetic adhesive & grout materials etc.					
15.10	Floor, With Sand Cement Mortar (1:4) 20 mm thick & 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg/Sq.m 0.20kg/Sq.m. Area of each tile upto 0.09 Sq.m. Coloured decorative.	8.650	Sqm	854.00	7,387.00	Rupees Seven Thousand Three Hundred EightySeven Only
15.20	Wall, With Sand Cement Mortar (1:3) 15 mm thick & 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg/Sq.m 0.20kg/Sq.m. Area of each tile upto 0.09 Sq.m. Coloured decorative.	15.550	Sqm	861.00	13,389.00	Rupees Thirteen Thousand Three 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>
16.00	Supplying, fitting & fixing granite slabs 15mm to 18 mm. thick with uniform texture & without decorative veins in columns, wall, fascia etc. with 15 mm thick [avg] cement mortar (1:2) including making suitable arrangements to hold the stones properly by brass / copper hooks including pointing in cement mortar (1:2) (1 white cement : 2 marble dust) with admixture of pigment matching the stone shades all complete as per direction of the Engineer-in-charge including cost of all materials, labours, scaffolding, staging ,curing and roughening of concrete surface complete. Area of each Granite slab > 0.6 upto 1.0 square metre.	2.960	Sqm	2,709.00	8,019.00	Rupees Eight Thousand Nineteen Only
17.00	Extra cost of labour for prefinished and premoulded Nosing to treads of steps, railing, window sill etc. of Kota Stone.	5.750	Meter	261.00	1,501.00	Rupees One Thousand Five Hundred One Only
18.00	Taking out M.S. or W.I. Grills from wooden frame including cutting lugs from masonry wall and refitting the same and mending good damages after repairs. (Excluding the cost of necessary repair of damages) or doing any other necessary works.	12.000	Nos	100.00	1,200.00	Rupees One Thousand Two Hundred Only
19.00	Taking out shutter of door and window, dismantling by parts (for repair or replacement of damaged parts) , reassembling and refitting and rehanging same with old fittings but with new screws as necessary.	5.710	Sqm	128.00	731.00	Rupees Seven Hundred ThirtyOne Only
20.00	Taking out door and window shutters and rehanging the same with old fittings. With new iron screws.	18.950	Sqm	78.00	1,478.00	Rupees One Thousand Four Hundred SeventyEight Only
21.00	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.					
21.10	Upto area 2.5 Sq.m	2.960	Sqm	121.00	358.00	Rupees Three Hundred FiftyEight Only
21.20	Above area 2.5 Sq.m	9.360	Sqm	148.00	1,385.00	Rupees One Thousand Three 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>
22.00	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. Sishu, Gamar, Champ, Badam, Bhola, Mogra, Hallak.	0.128	Cum	87,800.00	11,238.00	Rupees Eleven Thousand Two Hundred ThirtyEight Only
23.00	Supplying, fitting and fixing shower of approved brand and make.					
23.10	Chromium plated Rose shower with revolving joint and 150 mm long shower arm (Equivalent to Code No. 5489 & Model - Florentine of Jaquar or similar brand).	2.000	Nos	1,819.00	3,638.00	Rupees Three Thousand Six Hundred ThirtyEight Only
23.20	Hand Shower(Health Faucet) with 1mtr Flexible Tube with Wall Hook(Equivalent to Code No.573 & Model -ALLIED of Jaquar or similar).	2.000	Nos	1,611.00	3,222.00	Rupees Three Thousand Two Hundred TwentyTwo Only
24.00	Supplying, fitting and fixing bib cock or stop cock.					
24.10	Chromium plated Bib Cock short body (Equivalent to Code No. 511 & Model - Tropical / Sumthing Special of ESSCO or similar brand).	7.000	Nos	689.00	4,823.00	Rupees Four Thousand Eight Hundred TwentyThree Only
24.20	Chromium plated angular Stop Cock with wall flange (Equivalent to Code No. 5053 & Model - Florentine of Jaquar or similar brand).	13.000	Nos	1,046.00	13,598.00	Rupees Thirteen Thousand Five Hundred NinetyEight Only
25.00	Dismantling wash basin with brackets with or without waste fittings.	2.000	Nos	35.00	70.00	Rupees Seventy Only
26.00	Dismantling sink with brackets with or without waste fittings.Above 450 mm and upto 600 mm length.	1.000	Nos	53.00	53.00	Rupees FiftyThree Only
27.00	Supplying, fitting and fixing stainless steel sink complete with waste fittings and two coats of painting of C.I. brackets. Sink only. 530 mm X 430 mm x 180 mm.	1.000	Nos	4,143.00	4,143.00	Rupees Four Thousand One Hundred FourtyThree Only
28.00	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. 630 mm X 450 mm size.	2.000	Nos	3,040.00	6,080.00	Rupees Six Thousand Eighty Only
29.00	Supplying, fitting and fixing glass shelf with aluminium guard rails. Ordinary type with 5.5 mm sheet glass. 450 mm X 125 mm	4.000	Nos	432.00	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>
30.00	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	8.000	Nos	126.00	1,008.00	Rupees One Thousand Eight Only
31.00	Supplying, fitting and fixing soap holder. Fibre glass	2.000	Nos	71.00	142.00	Rupees One Hundred FourtyTwo Only
32.00	Supplying, fitting and fixing porcelain toilet paper holder of approved make with wooden spindle as necessary. Recess roll type size 150 mm X 150 mm	2.000	Nos	494.00	988.00	Rupees Nine Hundred EightyEight Only
33.00	Supplying,fitting and fixing approved brand 32 mm dia.P.V.C. waste pipe, with PVC coupling at one end fitted with necessary clamps. 900 mm long.	2.000	Nos	89.00	178.00	Rupees One Hundred SeventyEight Only
34.00	Supplying, fitting and fixing complete Bottle waste trap (Heavy Quality) Chromium plated Bottle trap 32 mm with 190 mm long connecting pipe and wall flange (Equivalent to Code No. 545 & Model - Tropical / Sumthing Special of ESSCO or similar brand).	1.000	Nos	808.00	808.00	Rupees Eight Hundred Eight Only
35.00	Supplying, fitting and fixing Waste fittings complete. C.P. over brass. 32 mm	2.000	Nos	245.00	490.00	Rupees Four Hundred Ninety Only
36.00	Supplying, fitting and fixing bevelled edged mirror 5.5 mm thick silver red as per I.S. 3438 / 1965 together with brass C.P. hinges. 600 mm X 450 mm	4.000	Nos	619.00	2,476.00	Rupees Two Thousand Four Hundred SeventySix Only
37.00	Supplying, fitting and fixing pillar cock of approved make.					
37.10	CP Pillar Cock - 15 mm. (Equivalent to Code No. 507 & Model - Tropical / Sumthing Special of ESSCO or similar brand).	2.000	Nos	713.00	1,426.00	Rupees One Thousand Four Hundred TwentySix Only
37.20	CP Centre hole Basin mixture with regular spout without popup waste system with 450 mm long braided hoses. (Equivalent to Code No. 5167(B) & Model - FLORENTINE of JAQUAR or similar brand).	1.000	Nos	3,188.00	3,188.00	Rupees Three Thousand One Hundred EightyEight Only
37.30	CP Wall Mixture without spout but with provision for connection to Telephone Shower and exposed pipe for Overhead shower (Equivalent to Code No. 5215 & Model - FLORENTINE of JAQUAR or similar brand).	2.000	Nos	3,188.00	6,376.00	Rupees Six Thousand Three Hundred SeventySix Only
38.00	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.	21.320	Sqm	19.00	405.00	Rupees Four Hundred Five 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>
39.00	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.	0.480	Cum	1,049.00	504.00	Rupees Five Hundred Four Only
40.00	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.	19.070	Sqm	97.00	1,850.00	Rupees One Thousand Eight Hundred Fifty Only
41.00	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. 20 mm thick	19.070	Sqm	328.00	6,255.00	Rupees Six Thousand Two Hundred FiftyFive Only
42.00	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.					
42.10	With 1:6 cement mortar. 20 mm. thick plaster. In Second Floor.	21.320	Sqm	189.00	4,029.00	Rupees Four Thousand TwentyNine Only
42.20	With 1:4 cement mortar. 10 mm. thick plaster. In Second Floor.	19.070	Sqm	148.00	2,822.00	Rupees Two Thousand Eight Hundred TwentyTwo 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 and laying true to line and level vitrified tiles of approved brand (size not less than 600 mm X 600 mm X 10 mm thick) in floor, skirting etc. set in 20 mm sand cement mortar (1:4) and 2 mm thick cement slurry back side of tiles using cement @ 2.91Kg./sqM or using polymerised adhesive (6 mm thick layer applied directly over finished artificial stone floor/Mosaic etc without any backing course) laid after application slurry using 1.75 Kg of cement per sqM below mortar only, joints grouted with admixture of white cement and colouring pigment to match with colour of tiles / epoxy grout materials of approved make as directed and removal of wax coating of top surface of tiles with warm water and polishing the tiles using soft and dry cloth upto mirror finish complete including the cost of materials, labour and all other incidental specification and direction of Engineer-in-Charge.					
43.10	With Polymerised Adhesive [6 mm thick] & epoxy grouting materials for filling joints including spacer-2 mm.Light Colour	85.210	Sqm	1,589.00	1,35,399.00	Rupees One Lakh ThirtyFive Thousand Three Hundred NinetyNine Only
44.00	Supplying, fitting and fixing Black Stone slab used in Kitchen slab, alcove, wardrobe etc. laid and jointed with necessary adhesive Cement mortar (1:2) including grinding or polishing as per direction of Engineer-in -Charge in Ground Floor. Slab Thickness 20 to 25 mm.	2.670	Sqm	749.00	2,000.00	Rupees Two Thousand Only
45.00	Rendering the surface of walls and ceiling with white cement based wall putty of approved make and brand(1.5mm thick)	150.790	Sqm	122.00	18,396.00	Rupees Eighteen Thousand Three Hundred NinetySix Only
46.00	Cleaning the walls and ceiling by scraping, sand papering and smoothening down the surface including putting.	261.770	Sqm	18.00	4,712.00	Rupees Four Thousand Seven Hundred Twelve Only
47.00	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 thoroughly, complete as per manufacturer's specification and as per direction of the EIC. One Coat. Solvent based interior grade Acrylic Primer.	557.770	Sqm	36.76	20,504.00	Rupees Twenty Thousand Five Hundred Four Only
48.00	Applying Acrylic Emulsion Paint of approved make and brand on walls and ceiling including sand papering in intermediate coats including putty. : Two coats. Luxury Quality.	557.770	Sqm	76.00	42,391.00	Rupees FourtyTwo Thousand Three Hundred NinetyOne 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>
49.00	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 :					
49.10	On timber or plastered surface : With super gloss (hi-gloss) - Two coats (white in shade)	105.090	Sqm	85.00	8,933.00	Rupees Eight Thousand Nine Hundred ThirtyThree Only
49.20	On steel or other metal surface : With super gloss (hi-gloss) -One coat (white in shade)	35.600	Sqm	53.00	1,887.00	Rupees One Thousand Eight Hundred EightySeven Only
50.00	Grinding to marble / mosaic floor including remaining stone, if necessary, after cutting with manual labour / machine, where necessary	96.680	Sqm	22.00	2,127.00	Rupees Two Thousand One Hundred TwentySeven Only
51.00	Washing and cleaning with oxalic acid powder using 33 gms./sq.m. Floor/ dado other than marble	50.760	Sqm	6.06	308.00	Rupees Three Hundred Eight Only
52.00	Supplying best Indian sheet glass panes set in putty (as per I.S specification) and fitted and fixed with teak wood beads and nails complete. 3 mm thick (weighing 7.4 kg/Sq.m)	2.670	Sqm	544.00	1,452.00	Rupees One Thousand Four Hundred FiftyTwo Only
53.00	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	11.000	Cum	168.00	1,848.00	Rupees One Thousand Eight Hundred FourtyEight Only

Total 3,75,895.00

Rupees Three Lakh SeventyFive Thousand Eight Hundred NinetyFive Only



Executive Engineer
Kolkata south-I Division
Housing directorate

SL.NO. 2

Probable items of specific priced schedule with approximate quantities in connection with the Replacement and Renovation for inside repairing Flat No. E/2 at 32, B.C. Road Kolkata, such as laying of vitrified tiles renovation of one no bathroom and kitchen, plastering to wall along with some allied items.

<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 E.P. or Anglo-Indian W.C.	2.000	Nos	45.00	90.00	Rupees Ninety Only
2.00	Dismantling wash basin with brackets with or without waste fittings.	2.000	Nos	35.00	70.00	Rupees Seventy Only
3.00	Dismantling sink with brackets with or without waste fittings. Above 750 mm length	1.000	Nos	76.00	76.00	Rupees SeventySix Only
4.00	Dismantling artificial stone flooring upto 50 mm. thick by carefully chiselling without damaging the base and removing rubbish as directed within a lead of 75 m. In ground floor including roof.	35.385	Sqm	50.00	1,769.00	Rupees One Thousand Seven Hundred SixtyNine Only
5.00	Dismantling R.C. floor, roof, beams etc. including cutting rods and removing rubbish as directed within a lead of 75 m. including stacking of steel bars. In ground floor including roof.	0.216	Cum	1,975.00	427.00	Rupees Four Hundred TwentySeven Only
6.00	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. In ground floor including roof.	0.383	Cum	451.00	173.00	Rupees One Hundred SeventyThree Only
7.00	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.	0.241	Cum	949.00	229.00	Rupees Two Hundred TwentyNine Only
8.00	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.	95.810	Sqm	19.00	1,820.00	Rupees One Thousand Eight Hundred Twenty Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
9.00	Supplying, fitting and fixing CPVC (Chlorinated Polyvinyl Chloride) pipes of approved make conforming to IS-15778: 2007 with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, long screw, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials in any position above ground. For Concealed Work. CPVC Pipes Class-1, SDR-11. 20 mm dia.	17.850	Meter	179.00	3,195.00	Rupees Three Thousand One Hundred NinetyFive 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. 20 mm thick	9.630	Sqm	363.00	3,496.00	Rupees Three Thousand Four Hundred NinetySix 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. In Second Floor.	123.470	Sqm	206.00	25,435.00	Rupees TwentyFive Thousand Four Hundred ThirtyFive Only
11.20	With 1:4 cement mortar. 10 mm. thick plaster. In Second Floor.	9.630	Sqm	140.00	1,348.00	Rupees One Thousand Three Hundred FourtyEight 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 in Ground Floor. Slab Thickness above 25 mm and upto 37.5 mm	11.030	Sqm	809.00	8,923.00	Rupees Eight Thousand Nine Hundred TwentyThree Only

Sl. No.	Description of Item.	Quantity	Unit	Rate/Unit (Rs.)	Amount (Rs.)	
					In Figure	In Ward
13.00	Supplying, fitting and fixing Marble Slab/tile of 15 to 18 mm thickness in floor, lobby, stair, landing & treads etc. over 20 mm (av.) thck base of Cement mortar (1:2) laid with white cement slurry @ 4.4 kg/Sq.m before placing marble & jointed with white cement slurry @ 2.0 kg/Sq.m with necessary pigments including grinding and Granite polishing as per direction of Engineering in -Charge in Ground Floor. With Makrana plain pink / Adranga Pink / Garbh Gulabi / Udaypur pink / Udaypur Green / Black Bhaslana . Area of each Slab/tile exceeding 0.60 sq.m exceeding 1.00 sq.m.	7.730	Sqm	2,207.00	17,060.00	Rupees Seventeen Thousand Sixty Only
14.00	Extra cost of labour for prefinished and premoulded Nosing to treads of steps, railing, window sill etc. of Marble Stone.	7.700	Meter	261.00	2,010.00	Rupees Two Thousand Ten Only
15.00	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement,if any, in ground floor as per relevant IS codes. Pakur Variety	0.201	Cum	6,313.00	1,269.00	Rupees One Thousand Two Hundred SixtyNine Only
16.00	Supplying and laying true to line and level vitrified tiles of approved brand (size not less than 600 mm X 600 mm X 10 mm thick) in floor, skirting etc. set in 20 mm sand cement mortar (1:4) and 2 mm thick cement slurry back side of tiles using cement @ 2.91Kg./sqM or using polymerised adhesive (6 mm thick layer applied directly over finished artificial stone floor/Mosaic etc without any backing course) laid after application slurry using 1.75 Kg of cement per sqM below mortar only, joints grouted with admixture of white cement and colouring pigment to match with colour of tiles / epoxy grout materials of approved make as directed and removal of wax coating of top surface of tiles with warm water and polishing the tiles using soft and dry cloth upto mirror finish complete including the cost of materials, labour and all other incidental specification and direction of Engineer-in-Charge.					
16.10	With Polymerised Adhesive [6 mm thick] & epoxy grouting materials for filling joints including spacer-2 mm. Deep Colour & White.	110.580	Sqm	2,079.00	2,29,896.00	Rupees Two Lakh TwentyNine Thousand Eight Hundred NinetySix Only
17.00	Supplying, fitting and fixing stainless steel sink complete with waste fittings and two coats of painting of C.I. brackets. Sink only. 530 mm X 430 mm x 180 mm.	1.000	Nos	4,143.00	4,143.00	Rupees Four Thousand One Hundred FortyThree 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 bib cock or stop cock.					
18.10	Chromium plated Bib Cock short body (Equivalent to Code No. 511 & Model - Tropical / Sumthing Special of ESSCO or similar brand).	4.000	Nos	689.00	2,756.00	Rupees Two Thousand Seven Hundred FiftySix Only
18.20	Chromium plated angular Stop Cock with wall flange (Equivalent to Code No. 5053 & Model - Florentine of Jaquar or similar brand).	8.000	Nos	1,046.00	8,368.00	Rupees Eight Thousand Three Hundred SixtyEight Only
19.00	Supplying, fitting and fixing shower of approved brand and make.					
19.10	Chromium plated round shower with revolving joint 100 mm dia with rubid cleaning system (Equivalent to Code No. 542(N) & Model - Tropical / Sumthing Special of ESSCO or similar brand).	2.000	Nos	576.00	1,152.00	Rupees One Thousand One Hundred FiftyTwo Only
19.20	Hand Shower(Health Faucet) with 1mtr Flexibile Tube with Wall Hook(Equivalent to Code No.573 & Model -ALLIED of Jaquar or similar).	2.000	Nos	1,611.00	3,222.00	Rupees Three Thousand Two Hundred TwentyTwo Only
20.00	Supplying, fitting and fixing Peet's valve fullway gunmetal standard pattern best quality of approved brand bearing I.S.I. marking with fittings (tested to 21 kg per sq. cm.) 20 mm dia .	2.000	Nos	807.00	1,614.00	Rupees One Thousand Six Hundred Fourteen Only
21.00	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	1,181.00	3,543.00	Rupees Three Thousand Five Hundred FourtyThree Only
22.00	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	1,671.00	3,342.00	Rupees Three Thousand Three Hundred FourtyTwo Only
23.00	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	7.000	Nos	126.00	882.00	Rupees Eight Hundred EightyTwo Only
24.00	Supplying,fitting and fixing approved brand 32 mm dia.P.V.C. waste pipe, with PVC coupling at one end fitted with necessary clamps. 900 mm long.	4.000	Nos	89.00	356.00	Rupees Three Hundred FiftySix Only
25.00	Supplying, fitting and fixing Waste fittings complete. C.P. over brass. 32 mm	3.000	Nos	245.00	735.00	Rupees Seven Hundred 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>
26.00	Supplying, fitting and fixing pillar cock of approved make.					
26.10	CP Pillar Cock - 15 mm. (Equivalent to Code No. 507 & Model - Tropical / Sumthing Special of ESSCO or similar brand).	1.000	Nos	713.00	713.00	Rupees Seven Hundred Thirteen Only
26.20	CP Centre hole Basin mixture with regular spout without popup waste system with 450 mm long braided hoses. (Equivalent to Code No. 5167(B) & Model - FLORENTINE of JAQUAR or similar brand).	1.000	Nos	3,188.00	3,188.00	Rupees Three Thousand One Hundred EightyEight Only
26.30	CP Wall Mixture without spout but with provision for connection to Telephone Shower and exposed pipe for Overhead shower (Equivalent to Code No. 5215 & Model - FLORENTINE of JAQUAR or similar brand).	1.000	Nos	3,188.00	3,188.00	Rupees Three Thousand One Hundred EightyEight Only
27.00	Supplying, fitting and fixing C.P. Extension Pipe.	11.000	Nos	133.00	1,463.00	Rupees One Thousand Four Hundred SixtyThree Only
28.00	Supplying, fitting and fixing C.P. Offset	2.000	Nos	382.00	764.00	Rupees Seven Hundred SixtyFour Only
29.00	Supplying, fitting and fixing C.P. Wall Flange	12.000	Nos	81.00	972.00	Rupees Nine Hundred SeventyTwo Only
30.00	Supplying, fitting and fixing E.W.C. in white glazed vitreous chinaware of approved make complete in position with necessary bolts, nuts etc.					
30.10	With 'P' trap	1.000	Nos	1,776.00	1,776.00	Rupees One Thousand Seven Hundred SeventySix Only
30.20	With 'S' trap	1.000	Nos	1,895.00	1,895.00	Rupees One Thousand Eight Hundred NinetyFive Only
31.00	Supplying, fitting and fixing Closet seat of approved make with lid and C.P. hinges, rubber buffer and brass screws complete. E.W.C. Bestolite (solid type) white	2.000	Nos	846.00	1,692.00	Rupees One Thousand Six Hundred NinetyTwo Only
32.00	Supplying,fitting and fixing 32 mm dia. Flush Pipe of approved make with necessary fixing materials and clamps complete. Polythene Flush Pipe.	2.000	Nos	181.00	362.00	Rupees Three Hundred SixtyTwo Only
33.00	Supplying, fitting and fixing bevelled edged mirror 5.5 mm thick silver red as per I.S. 3438 / 1965 together with brass C.P. hinges. 600 mm X 450 mm	3.000	Nos	619.00	1,857.00	Rupees One Thousand Eight Hundred FiftySeven Only
34.00	Supplying, fitting and fixing glass shelf with aluminium guard rails. Ordinary type with 5.5 mm sheet glass. 600 mm X 125 mm	3.000	Nos	485.00	1,455.00	Rupees One Thousand Four Hundred FiftyFive Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
35.00	Supplying, fitting and fixing towel rail with two brackets. C.P. over brass. 25 mm dia. and 600 mm long.	3.000	Nos	554.00	1,662.00	Rupees One Thousand Six Hundred SixtyTwo Only
36.00	Supplying, fitting and fixing soap holder. Fibre glass	4.000	Nos	71.00	284.00	Rupees Two Hundred EightyFour Only
37.00	Supply of UPVC pipes (B Type) & fittings conforming to IS-13592-1992. Fittings - W.C. Connector (150 mm long) 125 X 110(W/WC Ring)	1.000	Nos	169.00	169.00	Rupees One Hundred SixtyNine Only
38.00	Dismantling Indian W.C. including taking out base concrete as necessary.	1.000	Nos	45.00	45.00	Rupees FourtyFive Only
39.00	Supplying, fitting and fixing Orissa pattern water closet in white glazed vitreous chinaware of approved make in position complete excluding 'P' or 'S' trap. 530 mm X 410 mm	1.000	Nos	1,907.00	1,907.00	Rupees One Thousand Nine Hundred Seven Only
40.00	Rendering the surface of walls and ceiling with white cement based wall putty of approved make and brand(1.5mm thick)	146.510	Sqm	122.00	17,874.00	Rupees Seventeen Thousand Eight Hundred SeventyFour Only
41.00	Removal of rubbish,earth etc. from the working site and disposal of the same beyond the compound, in conformity with the Municipal / Corporation Rules for such disposal, loading into truck and cleaning the site in all respect as per	8.000	Cum	168.00	1,344.00	Rupees One Thousand Three Hundred FourtyFour Only
Total					3,70,009.00	

Rupees Three Lakh Seventy Thousand Nine Only



Executive Engineer
Kolkata south-I Division
Housing directorate

SL.NO. 3

Probable items of specific priced schedule with approximate quantities in connection with the Replacement and Renovation work to Flat No. A/7 such as plastering ceiling repairing, painting, wood work etc. net on A/3, wood work in Mtc. office along with some allied items at 32 B.C. Road, Kolkata.

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
1.00	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.	35.230	Sqm	19.00	669.00	Rupees Six Hundred SixtyNine 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. In ground floor including roof.upto 150 mm. thick					
2.10	In Ground Floor.	0.330	Cum	949.00	313.00	Rupees Three Hundred Thirteen Only
2.20	In Third Floor.	0.563	Cum	1,099.00	619.00	Rupees Six Hundred Nineteen Only
3.00	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.	13.180	Sqm	97.00	1,278.00	Rupees One Thousand Two Hundred SeventyEight Only
4.00	Applying epoxy based reactive joining agent for joining the old concrete with fresh concrete to be applied with in manufacturer's specified time as per manufacturers specification. (0.4 Kg / m ² of concrete surface)	22.500	Sqm	356.00	8,010.00	Rupees Eight Thousand Ten Only
5.00	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	35.680	Sqm	363.00	12,952.00	Rupees Twelve Thousand Nine Hundred FiftyTwo 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	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.					
6.10	In Ground Floor.					
6.11	With 1:6 cement mortar. 20 mm. thick plaster.	17.100	Sqm	181.00	3,095.00	Rupees Three Thousand NinetyFive Only
6.12	With 1:4 cement mortar. 10 mm. thick plaster.	18.130	Sqm	193.00	3,499.00	Rupees Three Thousand Four Hundred NinetyNine Only
6.20	In Third Floor.					
6.21	With 1:6 cement mortar. 20 mm. thick plaster.	13.180	Sqm	140.00	1,845.00	Rupees One Thousand Eight Hundred FourtyFive Only
6.22	With 1:4 cement mortar. 10 mm. thick plaster.	22.500	Sqm	152.00	3,420.00	Rupees Three Thousand Four Hundred Twenty Only
7.00	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. Grill weighing above 16 Kg./sq.mtr and above.					
7.10	In Ground Floor.	0.528	Qntl.	8,053.00	4,252.00	Rupees Four Thousand Two Hundred FiftyTwo Only
7.20	In Third Floor.	1.584	Qntl.	8,294.59	13,139.00	Rupees Thirteen Thousand One Hundred ThirtyNine Only
8.00	Taking out door and window shutters and rehangng the same with old fittings. With new iron screws.	8.710	Sqm	78.00	679.00	Rupees Six Hundred SeventyNine Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
9.00	<p>Supplying, Fitting & Fixing 30 mm thick both side prelaminated 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 shall be flat and 20 mm tapered in 45 degree on the inner side to form top & bottom rail and 115 mm wide PVC sheet out of which 75mm shall be flat and 20 mm shall be tapered on both sides to form lock rail.</p>	4.330	Sqm	2,868.00	12,418.00	Rupees Twelve Thousand Four Hundred Eighteen Only
10.00	<p>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 taping 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.</p>	4.750	Meter	352.00	1,672.00	Rupees One Thousand Six Hundred SeventyTwo Only
11.00	<p>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. Sishu, Gamar, Champ, Badam, Bhola, Mogra, Hallak.</p>	1.860	Sqm	3,026.00	5,628.00	Rupees Five Thousand Six 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>
12.00	Supplying wooden moulding slanting beat of size 37mm X 18mm (finished) of approved design to finish the joint between wooden frame of door/window with masonry in true line and level fitted & fixed with adhesive and head less pins complete as per direction of Engineer -in-charge. Kappoor wood beat.	60.850	Meter	87.00	5,294.00	Rupees Five Thousand Two Hundred NinetyFour Only
13.00	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.					
13.10	In Third Floor.	0.118	Cum	89,879.00	10,561.00	Rupees Ten Thousand Five Hundred SixtyOne Only
13.20	In Fourth Floor.	0.033	Cum	90,079.00	2,973.00	Rupees Two Thousand Nine Hundred SeventyThree Only
14.00	Supplying, fitting and fixing boiling water proof ply conforming to IS: 710-1977 bonded with phenol formaldehyde synthetic resin conforming to IS: 848-1974 of approved make and brand fitted and fixed as per design as per approval and direction of Engineer-in-Charge.					
14.10	6 mm	10.340	Sqm	1,304.00	13,483.00	Rupees Thirteen Thousand Four Hundred EightyThree Only
14.20	19 mm	20.470	Sqm	2,838.00	58,094.00	Rupees FiftyEight Thousand NinetyFour Only
15.00	Supplying fitting, fixing decorative lamination conforming to IS: 2046 : 1995 as per approved make, brand, finish and thickness with fitting, fixing the same on Particle/MDF / Ply Boards with recommended / approved adhesive with proper clipping the sides for better attachment as per direction of Engineer-in- charge.The rate includes the cost of labour, adhesive and all incidental charges thereof. Glossy/Matt/Suede excluding surface texture or metallic lustre. Thickness of laminate 1.5mm	3.280	Sqm	924.00	3,031.00	Rupees Three Thousand ThirtyOne Only
16.00	Partition of teak veneer [1 mm] as per design fitted and fixed complete (excluding the supporting frame work & necessary teak wood battens): 4mm thick commercial quality.	15.560	Sqm	537.00	8,356.00	Rupees Eight Thousand Three 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>
17.00	Supplying best Indian sheet glass panes set in putty (as per I.S specification) and fitted and fixed with teak wood beads and nails complete. 4 mm thick.	10.662	Sqm	972.00	10,363.00	Rupees Ten Thousand Three Hundred SixtyThree Only
18.00	Supplying best Indian Sheet glass 5 mm thick including cutting to required sizes, setting on putty bases and fitted and fixed with teak glazing beads (19 mm x 12 mm) including putty and nails as necessary complete.	1.365	Sqm	1,094.00	1,493.00	Rupees One Thousand Four Hundred NinetyThree Only
19.00	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark.					
19.10	75mm. X 40mm. X 1.12mm.	18.000	Nos	34.00	612.00	Rupees Six Hundred Twelve Only
19.20	100mm. X 50mm. X 1.25mm.	11.000	Nos	48.00	528.00	Rupees Five Hundred TwentyEight Only
20.00	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:					
20.10	75mm long x 10mm dia. bolt.	6.000	Nos	55.00	330.00	Rupees Three Hundred Thirty Only
20.20	150mm long x 10mm dia. bolt.	14.000	Nos	73.00	1,022.00	Rupees One Thousand TwentyTwo Only
20.30	225mm long x 10mm dia. bolt.	10.000	Nos	98.00	980.00	Rupees Nine Hundred Eighty Only
21.00	Rendering the surface of walls and ceiling with white cement based wall putty of approved make and brand(1.5mm thick)	40.630	Sqm	122.00	4,957.00	Rupees Four Thousand Nine Hundred FiftySeven Only
22.00	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 thoroughly, complete as per manufacturer's specification and as per direction of the EIC. One Coat. Solvent based interior grade Acrylic Primer.	445.740	Sqm	36.76	16,385.00	Rupees Sixteen Thousand Three Hundred EightyFive Only
23.00	Applying Acrylic Emulsion Paint of approved make and brand on walls and ceiling including sand papering in intermediate coats including putty. : Two coats. Luxury Quality.	445.740	Sqm	76.00	33,876.00	Rupees ThirtyThree Thousand Eight Hundred SeventySix Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
24.00	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 :					
24.10	On timber or plastered surface : With super gloss (hi-gloss) - Two coats (white in shade)	91.440	Sqm	85.00	7,772.00	Rupees Seven Thousand Seven Hundred SeventyTwo Only
24.20	On steel or other metal surface : With super gloss (hi-gloss) -Two coats (white in shade)	29.148	Sqm	83.00	2,419.00	Rupees Two Thousand Four Hundred Nineteen Only
25.00	Supplying, fitting, Fixing Fly / Mosquito proof nylon net on any type of window, door shutter frame with necessary fixing arrangements complete.	45.590	Sqm	973.00	44,359.00	Rupees FortyFour Thousand Three Hundred FiftyNine Only
26.00	French polishing to wood work including preparing surface (ordinary gloss). On new wood work	15.560	Sqm	492.00	7,656.00	Rupees Seven Thousand Six Hundred FiftySix Only
27.00	Copal varnish of approved quality including preparing surface : On new wood work : Two coats	19.140	Sqm	189.00	3,617.00	Rupees Three Thousand Six Hundred Seventeen Only
28.00	White washing including cleaning and smoothening surface thoroughly. All floors : Two coats	42.450	Sqm	18.87	801.00	Rupees Eight Hundred One Only
29.00	Supplying, fitting & fixing fibre reinforced polymer (FRP)Composite door shutters as per approved design with glass fibre reinforced plastic moulded skins and a special sandwich core, so as to impart monolitaheic composite structure as per approved technology of Department of Science and Technology (DST)to satisfy IS:4020 door testing performance criteria. 32 mm thick.	3.000	Sqm	3,263.00	9,789.00	Rupees Nine Thousand Seven Hundred EightyNine Only
Total					3,22,239.00	

Rupees Three Lakh TwentyTwo Thousand Two Hundred ThirtyNine Only



Executive Engineer
Kolkata south-I Division
Housing directorate

SL.NO. 4

Probable items of specific priced schedule with approximate quantities in connection with the Replacement and Renovation to bathroom, kitchen, wood work, sanitary plumbing works and repairing to Flat No. B/4 at 32 B.C. Road, Kolkata along with some allied 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	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 First floor including roof.	0.438	Cum	2,025.00	887.00	Rupees Eight Hundred EightySeven 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. In First floor including roof. upto 150 mm. thick	0.551	Cum	501.00	276.00	Rupees Two Hundred SeventySix 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 First floor including roof. upto 150 mm. thick.	0.434	Cum	999.00	434.00	Rupees Four Hundred ThirtyFour Only
4.00	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.	43.255	Sqm	19.00	822.00	Rupees Eight Hundred TwentyTwo Only
5.00	Dismantling E.P. or Anglo-Indian W.C.	2.000	Nos	45.00	90.00	Rupees Ninety Only
6.00	Dismantling wash basin with brackets with or without waste fittings.	2.000	Nos	35.00	70.00	Rupees Seventy Only
7.00	Dismantling sink with brackets with or without waste fittings. Above 750 mm length	1.000	Nos	53.00	53.00	Rupees FiftyThree Only
8.00	Cutting chase upto 125 x 150 mm. and subsequent mending of damages. In brick wall [Cement-3.6 Kg/Mtr].	13.000	Meter	101.00	1,313.00	Rupees One Thousand Three Hundred Thirteen Only
9.00	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 First floor including roof.	54.340	Sqm	56.00	3,043.00	Rupees Three Thousand FourtyThree Only
10.00	Dismantling Indian W.C. including taking out base concrete as necessary.	1.000	Nos	45.00	45.00	Rupees FourtyFive Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
11.00	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.	68.965	Sqm	97.00	6,690.00	Rupees Six Thousand Six Hundred Ninety Only
12.00	Applying 2 coats of Non-Toxic Acrylic Polymer modified Paint having adhesive & waterproofing properties by mixing in proportion (1 liquid: 4 cementitious material) or as per manufacturer's specification for water proofing layer in water tank etc.	17.700	Sqm	299.00	5,292.00	Rupees Five Thousand Two Hundred NinetyTwo Only
13.00	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).	17.350	Sqm	356.00	6,177.00	Rupees Six Thousand One Hundred SeventySeven Only
14.00	Supplying, fitting and fixing CPVC (Chlorinated Polyvinyl Chloride) pipes of approved make conforming to IS-15778: 2007 with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, longscrew, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials in any position above ground. For Concealed Work. CPVC Pipes Class-1, SDR-11. 20 mm dia.	38.700	Meter	179.00	6,927.00	Rupees Six Thousand Nine Hundred TwentySeven Only
15.00	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement, if any, in First floor as per relevant IS codes. Pakur Variety.	0.885	Cum	6,409.00	5,672.00	Rupees Five Thousand Six Hundred SeventyTwo 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	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 (Dia) 40 mm.	5.100	Meter	308.00	1,571.00	Rupees One Thousand Five Hundred SeventyOne Only
17.00	Cement concrete (1:1.5:3) with graded stone chips 5.6 mm size without hexagonal square mesh wire netting, I.R.C. fabric mesh or X.P. M. fitted and fixed after tying the existing reinforcement on concrete without distributing the same and with proper scarping and cleaning the reinforcement and disturbed concrete with wire brush etc. after applying a coat of cement including the cost of wire netting I.R.C or X. P. M. & cost of all handling and scaffolding complete as per direction of Engineer-in -charge. 25 mm thick	17.350	Sqm	363.00	6,298.00	Rupees Six Thousand Two Hundred NinetyEight Only
18.00	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary. In First floor.					
18.10	With 1:6 cement mortar. 20 mm. thick plaster.	10.930	Sqm	185.00	2,022.00	Rupees Two Thousand TwentyTwo Only
18.20	With 1:4 cement mortar. 10 mm. thick plaster.	17.350	Sqm	144.00	2,498.00	Rupees Two Thousand Four Hundred NinetyEight Only
19.00	Supplying, fitting and fixing Black Stone slab used in Kitchen slab, alcove, wardrobe etc. laid and jointed with necessary adhesive Cement mortar (1:2) including grinding or polishing as per direction of Engineer-in -Charge in Ground Floor. Slab Thickness above 25 mm and upto 37.5 mm. In First floor.	11.930	Sqm	821.00	9,795.00	Rupees Nine Thousand Seven Hundred NinetyFive 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	Supplying, fitting and fixing Marble Slab/tile of 15 to 18 mm thickness in floor, lobby, stair, landing & treads etc. over 20 mm (av.) thck base of Cement mortar (1:2) laid with white cement slurry @ 4.4 kg/Sq.m before placing marble & jointed with white cement slurry @ 2.0 kg/Sq.m with necessary pigments including grinding and Granite polishing as per direction of Engineering in -Charge in Ground Floor. With Makrana plain pink / Adranga Pink / Garbh Gulabi / Udaypur pink / Udaypur Green / Black Bhaslana . Area of each Slab/tile exceeding 0.60 sq.m exceeding 1.00 sq.m. In First floor.	6.750	Sqm	2,354.00	15,890.00	Rupees Fifteen Thousand Eight Hundred Ninety Only
21.00	Extra cost of labour for prefinished and premoulded Nosing to treads of steps, railing, window sill etc. of Marble Stone.	21.550	Meter	261.00	5,625.00	Rupees Five Thousand Six Hundred TwentyFive Only
22.00	Supplying and laying true to line and level vitrified tiles of approved brand (size not less than 600 mm X 600 mm X 10 mm thick) in floor, skirting etc. set in 20 mm sand cement mortar (1:4) and 2 mm thick cement slurry back side of tiles using cement @ 2.91Kg./sqM or using polymerised adhesive (6 mm thick layer applied directly over finished artificial stone floor/Mosaic etc without any backing course) laid after application slurry using 1.75 Kg of cement per sqM below mortar only, joints grouted with admixture of white cement and colouring pigment to match with colour of tiles / epoxy grout materials of approved make as directed and removal of wax coating of top surface of tiles with warm water and polishing the tiles using soft and dry cloth upto mirror finish complete including the cost of materials, labour and all other incidental specification and direction of Engineer-in-Charge.					
22.10	With Polymerised Adhesive [6 mm thick] & epoxy grouting materials for filling joints including spacer-2 mm. Deep Colour & White. In First floor.	17.700	Sqm	2,084.00	36,887.00	Rupees ThirtySix Thousand Eight Hundred EightySeven 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 & fixing 1st quality Ceramic tiles in walls and floors to match with the existing work & 4 nos. of key stones (10mm) fixed with araldite at the back of each tile & finishing the joints with white cement mixed with colouring oxide if required to match the colour of tiles including roughening of concrete surface, if necessary or by synthetic adhesive & grout materials etc.					
23.10	Wall, With Sand Cement Mortar (1:3) 15 mm thick & 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg/Sq.m 0.20kg/Sq.m. Area of each tile above 0.09 Sq.m. Coloured decorative. In First floor.	68.965	Sqm	1,277.00	88,068.00	Rupees EightyEight Thousand SixtyEight Only
23.00	Supplying, fitting and fixing shower of approved brand and make.					
23.10	Chromium plated round shower with revolving joint 100 mm dia with rubid cleaning system (Equivalent to Code No. 542(N) & Model - Tropical / Sumthing Special of ESSCO or similar brand).	2.000	Nos	576.00	1,152.00	Rupees One Thousand One Hundred FiftyTwo Only
23.20	Hand Shower(Health Faucet) with 1mtr Flexible Tube with Wall Hook(Equivalent to Code No.573 & Model -ALLIED of Jaquar or similar).	2.000	Nos	1,611.00	3,222.00	Rupees Three Thousand Two Hundred TwentyTwo Only
24.00	Supplying, fitting and fixing Peet's valve fullway gunmetal standard pattern best quality of approved brand bearing I.S.I. marking with fittings (tested to 21 kg per sq. cm.) 20 mm dia .	3.000	Nos	807.00	2,421.00	Rupees Two Thousand Four Hundred TwentyOne Only
25.00	Supplying, fitting and fixing bib cock or stop cock.					
25.10	Chromium plated Bib Cock short body (Equivalent to Code No. 511 & Model - Tropical / Sumthing Special of ESSCO or similar brand).	4.000	Nos	689.00	2,756.00	Rupees Two Thousand Seven Hundred FiftySix Only
25.20	Chromium plated angular Stop Cock with wall flange (Equivalent to Code No. 5053 & Model - Florentine of Jaquar or similar brand).	14.000	Nos	1,046.00	14,644.00	Rupees Fourteen Thousand Six Hundred FourtyFour Only
26.00	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	1,181.00	3,543.00	Rupees Three Thousand Five Hundred FourtyThree Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
27.00	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.					
27.10	550 mm X 400 mm size	2.000	Nos	1,671.00	3,342.00	Rupees Three Thousand Three Hundred FourtyTwo Only
27.20	630 mm X 450 mm size	1.000	Nos	3,040.00	3,040.00	Rupees Three Thousand Fourty Only
28.00	Supplying, fitting and fixing stainless steel sink complete with waste fittings and two coats of painting of C.I. brackets. Sink only. 530 mm X 430 mm x 180 mm.	1.000	Nos	4,143.00	4,143.00	Rupees Four Thousand One Hundred FourtyThree Only
29.00	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	10.000	Nos	126.00	1,260.00	Rupees One Thousand Two Hundred Sixty Only
30.00	Supplying, fitting and fixing approved brand 32 mm dia. P.V.C. waste pipe, with PVC coupling at one end fitted with necessary clamps. 900 mm long.	4.000	Nos	89.00	356.00	Rupees Three Hundred FiftySix Only
31.00	Supplying, fitting and fixing Waste fittings complete. C.P. over brass. 32 mm	3.000	Nos	245.00	735.00	Rupees Seven Hundred ThirtyFive Only
32.00	Supplying, fitting and fixing pillar cock of approved make.					
32.10	CP Pillar Cock - 15 mm. (Equivalent to Code No. 507 & Model - Tropical / Sumthing Special of ESSCO or similar brand).	1.000	Nos	1,105.00	1,105.00	Rupees One Thousand One Hundred Five Only
32.20	CP Centre hole Basin mixture with regular spout without popup waste system with 450 mm long braided hoses. (Equivalent to Code No. 5167(B) & Model - FLORENTINE of JAQUAR or similar brand).	2.000	Nos	3,188.00	6,376.00	Rupees Six Thousand Three Hundred SeventySix Only
32.30	CP Wall Mixture without spout but with provision for connection to Telephone Shower and exposed pipe for Overhead shower (Equivalent to Code No. 5215 & Model - FLORENTINE of JAQUAR or similar brand).	2.000	Nos	3,188.00	6,376.00	Rupees Six Thousand Three Hundred SeventySix Only
33.00	Supplying, fitting and fixing C.P. Extension Pipe.	15.000	Nos	133.00	1,995.00	Rupees One Thousand Nine Hundred NinetyFive Only
34.00	Supplying, fitting and fixing C.P. Offset	4.000	Nos	382.00	1,528.00	Rupees One Thousand Five 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>
35.00	Supplying, fitting and fixing C.P. Wall Flange	8.000	Nos	81.00	648.00	Rupees Six Hundred FourtyEight Only
36.00	Supplying, fitting and fixing E.W.C. in white glazed vitreous chinaware of approved make complete in position with necessary bolts, nuts etc.					
36.10	With 'P' trap	1.000	Nos	1,776.00	1,776.00	Rupees One Thousand Seven Hundred SeventySix Only
36.20	With 'S' trap	1.000	Nos	1,895.00	1,895.00	Rupees One Thousand Eight Hundred NinetyFive Only
37.00	Supplying, fitting and fixing Orissa pattern water closet in white glazed vitreous chinaware of approved make in position complete excluding 'P' or 'S' trap. 530 mm X 410 mm	1.000	Nos	1,907.00	1,907.00	Rupees One Thousand Nine Hundred Seven Only
38.00	Supplying, fitting and fixing Closet seat of approved make with lid and C.P. hinges, rubber buffer and brass screws complete. E.W.C. Bestolite (solid type) white	2.000	Nos	846.00	1,692.00	Rupees One Thousand Six Hundred NinetyTwo Only
39.00	Supplying,fitting and fixing 32 mm dia. Flush Pipe of approved make with necessary fixing materials and clamps complete. Polythene Flush Pipe.	2.000	Nos	181.00	362.00	Rupees Three Hundred SixtyTwo Only
40.00	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. In First floor.	0.072	Cum	89,479.00	6,442.00	Rupees Six Thousand Four Hundred FourtyTwo Only
41.00	Supplying, fitting and fixing boiling water proof block board conforming to IS:1659-1990 conforming to IS:848-1974 of approved make and brand, fitted and fixed as per design as per direction of Engineer-in-charge. In First floor. 19 mm	27.634	Sqm	2,128.00	58,805.00	Rupees FiftyEight Thousand Eight Hundred Five Only
42.00	Supplying, fitting and fixing boiling water proof ply conforming to IS: 710-1977 bonded with phenol formaldehyde synthetic resin conforming to IS: 848-1974 of approved make and brand fitted and fixed as per design as per approval and direction of Engineer-in-Charge. In First floor. 6 mm	11.392	Sqm	1,319.00	15,026.00	Rupees Fifteen Thousand TwentySix 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	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 First floor. 35mm thick shutters. Sishu, Gamar, Champ, Badam, Bhola, Mogra, Hallak.	2.275	Sqm	3,055.00	6,950.00	Rupees Six Thousand Nine Hundred Fifty Only
44.00	Partition of teak veneer [1 mm] as per design fitted and fixed complete (excluding the supporting frame work & necessary teak wood battens): 4mm thick commercial quality. In First floor.	12.652	Sqm	552.00	6,984.00	Rupees Six Thousand Nine Hundred EightyFour Only
46.00	Supplying fitting, fixing decorative lamination conforming to IS: 2046 : 1995 as per approved make, brand, finish and thickness with fitting, fixing the same on Particle/MDF / Ply Boards with recommended / approved adhesive with proper clipping the sides for better attachment as per direction of Engineer-in- charge.The rate includes the cost of labour, adhesive and all incidental charges thereof. Glossy/Matt/Suede excluding surface texture or metallic lustre. Thickness of laminate 1.5mm. In First floor.	6.634	Sqm	939.00	6,229.00	Rupees Six Thousand Two Hundred TwentyNine Only
47.00	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:					
47.10	75 x 45 x 2.5mm.	80.000	Nos	60.00	4,800.00	Rupees Four Thousand Eight Hundred Only
47.20	100 x 63 x 3.2mm.	8.000	Nos	84.00	672.00	Rupees Six Hundred SeventyTwo Only
48.00	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:					
48.10	75mm long x 10mm dia. bolt.	12.000	Nos	55.00	660.00	Rupees Six Hundred Sixty Only
48.20	150mm long x 10mm dia. bolt.	8.000	Nos	73.00	584.00	Rupees 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>
48.30	225mm long x 10mm dia. bolt.	6.000	Nos	98.00	588.00	Rupees Five Hundred EightyEight Only
49.00	Anodised aluminium D-type handle of approved quality manufactured from extruded section conforming to I.S. specification (I.S. 230/72) fitted and fixed complete: With round base: 100 mm grip x 10 mm dia rod.	39.000	Nos	62.00	2,418.00	Rupees Two Thousand Four Hundred Eighteen Only
50.00	Supplying best Indian sheet glass panes set in putty (as per I.S specification) and fitted and fixed with teak wood beads and nails complete. 4 mm thick.	5.458	Sqm	972.00	5,305.00	Rupees Five Thousand Three Hundred Five Only
51.00	Supplying best Indian Sheet glass 5 mm thick including cutting to required sizes, setting on putty bases and fitted and fixed with teak glazing beads (19 mm x 12 mm) including putty and nails as necessary complete.	0.920	Sqm	1,094.00	1,006.00	Rupees One Thousand Six Only
52.00	Supplying, fitting and fixing glass shelf with aluminium guard rails. Ordinary type with 5.5 mm sheet glass. 600 mm X 125 mm	4.000	Nos	485.00	1,940.00	Rupees One Thousand Nine Hundred Fourty Only
53.00	Supplying, fitting and fixing towel rail with two brackets. C.P. over brass. 25 mm dia. and 600 mm long.	3.000	Nos	554.00	1,662.00	Rupees One Thousand Six Hundred SixtyTwo Only
54.00	Supplying, fitting and fixing soap holder. Fibre glass	3.000	Nos	71.00	213.00	Rupees Two Hundred Thirteen Only
55.00	Supplying, fitting and fixing bevelled edged mirror 5.5 mm thick silver red as per I.S. 3438 / 1965 together with brass C.P. hinges. 600 mm X 450 mm	3.000	Nos	619.00	1,857.00	Rupees One Thousand Eight Hundred FiftySeven Only
56.00	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.	2.000	Nos	270.00	540.00	Rupees Five Hundred Fourty Only
57.00	Supplying, fitting and fixing of UPVC pipes (B Type) & fittings conforming to IS-13592-1992.					
57.10	Double Socketed 0.9 Meter Length. 110 mm	0.900	Meter	444.00	400.00	Rupees Four Hundred Only
57.20	Fittings - 125/110 P Trap with W.C. Ring. 75 mm	1.000	Nos	406.00	406.00	Rupees Four Hundred Six Only

Total 3,96,206.00

Rupees Three Lakh NinetySix Thousand Two Hundred Six Only



Executive Engineer
Kolkata south-I Division
Housing directorate

SL.NO. 5

Probable items of specific priced schedule with approximate quantities in connection with the Replacement and Renovation work to Flat No. F/6 (New allotment) at 32 B.C. Road Kolkata, such as renovation work of kitchen wood work, sanitary plumbing work, painting, repairing, along with some allied items.

<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 Second floor including roof.	0.216	Cum	2,075.00	448.00	Rupees Four Hundred FourtyEight 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. In Second floor including roof. upto 150 mm. thick	0.510	Cum	551.00	281.00	Rupees Two Hundred EightyOne 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 Second floor including roof. upto 150 mm. thick.	0.293	Cum	1,049.00	307.00	Rupees Three Hundred Seven 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.	45.205	Sqm	19.00	859.00	Rupees Eight Hundred FiftyNine Only
5.00	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.	10.485	Sqm	62.00	650.00	Rupees Six Hundred Fifty Only
6.00	Supplying, fitting and fixing CPVC (Chlorinated Polyvinyl Chloride) pipes of approved make conforming to IS-15778: 2007 with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, longscrow, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials in any position above ground.					
6.10	For Exposed Work. CPVC Pipes Class-1, SDR-11. 20 mm dia.	10.450	Meter	151.00	1,578.00	Rupees One Thousand Five Hundred SeventyEight Only
6.20	For Concealed Work. CPVC Pipes Class-1, SDR-11. 20 mm dia.	10.300	Meter	179.00	1,844.00	Rupees One 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>
7.00	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.	49.420	Sqm	97.00	4,794.00	Rupees Four Thousand Seven Hundred NinetyFour Only
8.00	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.	11.720	Sqm	363.00	4,254.00	Rupees Four Thousand Two Hundred FiftyFour Only
9.00	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement,if any, in First floor as per relevant IS codes. Pakur Variety.	0.382	Cum	6,505.00	2,485.00	Rupees Two Thousand Four Hundred EightyFive Only
10.00	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 Second floor.					
10.10	With 1:6 cement mortar. 20 mm. thick plaster.	17.990	Sqm	189.00	3,400.00	Rupees Three Thousand Four Hundred Only
10.20	With 1:4 cement mortar. 10 mm. thick plaster.	11.720	Sqm	148.00	1,735.00	Rupees One Thousand Seven Hundred ThirtyFive Only
11.00	Supplying, fitting and fixing Black Stone slab used in Kitchen slab, alcove, wardrobe etc. laid and jointed with necessary adhesive Cement mortar (1:2) including grinding or polishing as per direction of Engineer-in -Charge in Ground Floor. Slab Thickness above 25 mm and upto 37.5 mm. In Second floor.	11.030	Sqm	833.00	9,188.00	Rupees Nine Thousand One Hundred EightyEight 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 and fixing Marble Slab/tile of 15 to 18 mm thickness in floor, lobby, stair, landing & treads etc. over 20 mm (av.) thck base of Cement mortar (1:2) laid with white cement slurry @ 4.4 kg/Sq.m before placing marble & jointed with white cement slurry @ 2.0 kg/Sq.m with necessary pigments including grinding and Granite polishing as per direction of Engineering in -Charge in Ground Floor. With Makrana plain pink / Adranga Pink / Garbh Gulabi / Udaypur pink / Udaypur Green / Black Bhaslana . Area of each Slab/tile exceeding 0.60 sq.m exceeding 1.00 sq.m. In Second floor.	7.180	Sqm	2,207.00	15,846.00	Rupees Fifteen Thousand Eight Hundred FourtySix Only
13.00	Extra cost of labour for prefinished and premoulded Nosing to treads of steps, railing, window sill etc. of Marble Stone.	6.900	Meter	261.00	1,801.00	Rupees One Thousand Eight Hundred One Only
14.00	Supplying, fitting & fixing 1st quality Ceramic tiles in walls and floors to match with the existing work & 4 nos. of key stones (10mm) fixed with araldite at the back of each tile & finishing the joints with white cement mixed with colouring oxide if required to match the colour of tiles including roughening of concrete surface, if necessary or by synthetic adhesive & grout materials etc.					
14.10	Wall, With Sand Cement Mortar (1:3) 15 mm thick & 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg/Sq.m 0.20kg/Sq.m. Area of each tile above 0.09 Sq.m. Coloured decorative. In Second floor.	30.050	Sqm	1,282.00	38,524.00	Rupees ThirtyEight Thousand Five Hundred TwentyFour Only
14.20	Floor, With Polymerised Adhesive and Epoxy grout pointing including spacer- 2 mm (When Tiles are laid over existing hard ready surface). Area of each tile upto 0.09 Sq.m. Coloured decorative. In Second floor.	6.170	Sqm	905.00	5,584.00	Rupees Five 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>
15.00	Supplying and laying true to line and level vitrified tiles of approved brand (size not less than 600 mm X 600 mm X 10 mm thick) in floor, skirting etc. set in 20 mm sand cement mortar (1:4) and 2 mm thick cement slurry back side of tiles using cement @ 2.91Kg./sqM or using polymerised adhesive (6 mm thick layer applied directly over finished artificial stone floor/Mosaic etc without any backing course) laid after application slurry using 1.75 Kg of cement per sqM below mortar only, joints grouted with admixture of white cement and colouring pigment to match with colour of tiles / epoxy grout materials of approved make as directed and removal of wax coating of top surface of tiles with warm water and polishing the tiles using soft and dry cloth upto mirror finish complete including the cost of materials, labour and all other incidental specification and direction of Engineer-in-Charge.					
15.10	With Polymerised Adhesive [6 mm thick] & epoxy grouting materials for filling joints including spacer-2 mm. Light Colour. In Second floor.	7.650	Sqm	1,589.00	12,156.00	Rupees Twelve Thousand One Hundred FiftySix Only
16.00	Supplying, fitting and fixing stainless steel sink complete with waste fittings and two coats of painting of C.I. brackets. Sink only. 530 mm X 430 mm x 180 mm.	1.000	Nos	4,143.00	4,143.00	Rupees Four Thousand One Hundred FourtyThree Only
17.00	Wood work in door and window frame fitted and fixed in position complete including a protective coat of painting at the contact surface of the frame exluding cost of concrete, Iron Butt Hinges and M.S clamps. Sal : Local. In Second floor.	0.065	Cum	89,679.00	5,829.00	Rupees Five Thousand Eight Hundred TwentyNine Only
18.00	Supplying, fitting and fixing boiling water proof block board conforming to IS:1659-1990 conforming to IS:848-1974 of approved make and brand, fitted and fixed as per design as per direction of Engineer-in-charge. In Second floor. 19 mm	16.500	Sqm	2,143.00	35,360.00	Rupees ThirtyFive Thousand Three Hundred Sixty Only
19.00	Supplying, fitting and fixing boiling water proof ply conforming to IS: 710-1977 bonded with phenol formaldehyde synthetic resin conforming to IS: 848-1974 of approved make and brand fitted and fixed as per design as per approval and direction of Engineer-in-Charge. In Second floor. 6 mm	4.800	Sqm	1,097.00	5,266.00	Rupees Five Thousand Two 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>
20.00	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 Second floor. 35mm thick shutters. Sishu, Gamar, Champ, Badam, Bhola, Mogra, Hallak.	2.010	Sqm	3,084.00	6,199.00	Rupees Six Thousand One Hundred NinetyNine Only
21.00	Partition of teak veneer [1 mm] as per design fitted and fixed complete (excluding the supporting frame work & necessary teak wood battens): 4mm thick commercial quality. In Second floor.	4.560	Sqm	567.00	2,586.00	Rupees Two Thousand Five Hundred EightySix Only
22.00	Supplying fitting, fixing decorative lamination conforming to IS: 2046 : 1995 as per approved make, brand, finish and thickness with fitting, fixing the same on Particle/MDF / Ply Boards with recommended / approved adhesive with proper clipping the sides for better attachment as per direction of Engineer-in- charge.The rate includes the cost of labour, adhesive and all incidental charges thereof. Glossy/Matt/Suede excluding surface texture or metallic lustre. Thickness of laminate 1.5mm. In Second floor.	8.960	Sqm	954.00	8,548.00	Rupees Eight Thousand Five Hundred FourtyEight Only
23.00	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:					
23.10	75 x 45 x 2.5mm.	42.000	Nos	60.00	2,520.00	Rupees Two Thousand Five Hundred Twenty Only
23.20	100 x 63 x 3.2mm.	15.000	Nos	84.00	1,260.00	Rupees One Thousand Two Hundred Sixty Only
24.00	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:					
24.10	75mm long x 10mm dia. bolt.	19.000	Nos	55.00	1,045.00	Rupees One Thousand FourtyFive Only
24.20	150mm long x 10mm dia. bolt.	6.000	Nos	73.00	438.00	Rupees Four Hundred ThirtyEight Only
24.30	225mm long x 10mm dia. bolt.	6.000	Nos	98.00	588.00	Rupees Five Hundred EightyEight 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	Anodised aluminium D-type handle of approved quality manufactured from extruded section conforming to I.S. specification (I.S. 230/72) fitted and fixed complete: With round base: 100 mm grip x 10 mm dia rod.	35.000	Nos	62.00	2,170.00	Rupees Two Thousand One Hundred Seventy Only
26.00	Dismantling E.P. or Anglo-Indian W.C.	2.000	Nos	45.00	90.00	Rupees Ninety Only
27.00	Dismantling wash basin with brackets with or without waste fittings.	2.000	Nos	35.00	70.00	Rupees Seventy Only
28.00	Supplying, fitting and fixing bib cock or stop cock.					
28.10	Chromium plated Bib Cock short body (Equivalent to Code No. 511 & Model - Tropical / Sumthing Special of ESSCO or similar brand).	11.000	Nos	689.00	7,579.00	Rupees Seven Thousand Five Hundred SeventyNine Only
28.20	Chromium plated angular Stop Cock with wall flange (Equivalent to Code No. 5053 & Model - Florentine of Jaquar or similar brand).	12.000	Nos	1,046.00	12,552.00	Rupees Twelve Thousand Five Hundred FiftyTwo Only
29.00	Supplying, fitting and fixing shower of approved brand and make.					
29.10	Chromium plated round shower with revolving joint 100 mm dia with rubid cleaning system (Equivalent to Code No. 542(N) & Model - Tropical / Sumthing Special of ESSCO or similar brand).	5.000	Nos	576.00	2,880.00	Rupees Two Thousand Eight Hundred Eighty Only
29.20	Chromium plated Hand shower 70mm dia Round Shape Single flow with Flexible Tube & fittings(Equivalent to Code No. ESH-5512 & Model - Tropical / Sumthing Special of ESSCO or similar).	1.000	Nos	1,581.00	1,581.00	Rupees One Thousand Five Hundred EightyOne Only
29.30	Hand Shower(Health Faucet) with 1mtr Flexible Tube with Wall Hook(Equivalent to Code No.573 & Model -ALLIED of Jaquar or similar).	7.000	Nos	1,611.00	11,277.00	Rupees Eleven Thousand Two Hundred SeventySeven Only
30.00	Supplying, fitting and fixing Peet's valve fullway gunmetal standard pattern best quality of approved brand bearing I.S.I. marking with fittings (tested to 21 kg per sq. cm.) 20 mm dia .	2.000	Nos	807.00	1,614.00	Rupees One Thousand Six Hundred Fourteen Only
31.00	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.	4.000	Nos	1,181.00	4,724.00	Rupees Four Thousand Seven Hundred TwentyFour 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>
32.00	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. 630 mm X 450 mm size 550 mm X 400 mm size	2.000	Nos	1,671.00	3,342.00	Rupees Three Thousand Three Hundred FourtyTwo Only
33.00	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.	12.000	Nos	126.00	1,512.00	Rupees One Thousand Five Hundred Twelve Only
34.00	Supplying, fitting and fixing approved brand 32 mm dia. P.V.C. waste pipe, with PVC coupling at one end fitted with necessary clamps. 900 mm long.	8.000	Nos	89.00	712.00	Rupees Seven Hundred Twelve Only
35.00	Supplying, fitting and fixing Waste fittings complete. C.P. over brass. 32 mm	3.000	Nos	245.00	735.00	Rupees Seven Hundred ThirtyFive Only
36.00	Supplying, fitting and fixing pillar cock of approved make.					
36.10	CP Pillar Cock - 15 mm. (Equivalent to Code No. 507 & Model - Tropical / Sumthing Special of ESSCO or similar brand).	6.000	Nos	713.00	4,278.00	Rupees Four Thousand Two Hundred SeventyEight Only
36.20	CP Wall Mixture without spout but with provision for connection to Telephone Shower and exposed pipe for Overhead shower (Equivalent to Code No. 5215 & Model - FLORENTINE of JAQUAR or similar brand).	3.000	Nos	3,188.00	9,564.00	Rupees Nine Thousand Five Hundred SixtyFour Only
37.00	Supplying, fitting and fixing C.P. Offset	9.000	Nos	382.00	3,438.00	Rupees Three Thousand Four Hundred ThirtyEight Only
38.00	Supplying, fitting and fixing C.P. Extension Pipe.	11.000	Nos	133.00	1,463.00	Rupees One Thousand Four Hundred SixtyThree Only
39.00	Supplying, fitting and fixing C.P. Wall Flange	11.000	Nos	81.00	891.00	Rupees Eight Hundred NinetyOne Only
40.00	Supplying, fitting and fixing E.W.C. in white glazed vitreous chinaware of approved make complete in position with necessary bolts, nuts etc.					
40.10	With 'P' trap	1.000	Nos	1,776.00	1,776.00	Rupees One Thousand Seven Hundred SeventySix Only
40.20	With 'S' trap	1.000	Nos	1,895.00	1,895.00	Rupees One Thousand Eight Hundred NinetyFive Only

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					<u>In Figure</u>	<u>In Ward</u>
41.00	Supplying, fitting and fixing Closet seat of approved make with lid and C.P. hinges, rubber buffer and brass screws complete. E.W.C. Bestolite (solid type) white	3.000	Nos	846.00	2,538.00	Rupees Two Thousand Five Hundred ThirtyEight Only
42.00	Supplying,fitting and fixing 32 mm dia. Flush Pipe of approved make with necessary fixing materials and clamps complete. Polythene Flush Pipe.	3.000	Nos	181.00	543.00	Rupees Five Hundred FourtyThree Only
43.00	Supplying, fitting and fixing bevelled edged mirror 5.5 mm thick silver red as per I.S. 3438 / 1965 together with brass C.P. hinges. 600 mm X 450 mm	3.000	Nos	619.00	1,857.00	Rupees One Thousand Eight Hundred FiftySeven Only
44.00	Supplying, fitting and fixing glass shelf with aluminium guard rails. Ordinary type with 5.5 mm sheet glass. 600 mm X 125 mm	3.000	Nos	485.00	1,455.00	Rupees One Thousand Four Hundred FiftyFive Only
45.00	Supplying, fitting and fixing towel rail with two brackets. C.P. over brass. 25 mm dia. and 600 mm long.	3.000	Nos	554.00	1,662.00	Rupees One Thousand Six Hundred SixtyTwo Only
46.00	Supplying, fitting and fixing soap holder. Fibre glass	3.000	Nos	71.00	213.00	Rupees Two Hundred Thirteen Only
47.00	Rendering the surface of walls and ceiling with white cement based wall putty of approved make and brand(1.5mm thick)	29.710	Sqm	122.00	3,625.00	Rupees Three Thousand Six Hundred TwentyFive Only
48.00	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 thoroughly, complete as per manufacturer's specification and as per direction of the EIC. One Coat. Solvent based interior grade Acrylic Primer.	442.000	Sqm	36.76	16,248.00	Rupees Sixteen Thousand Two Hundred FourtyEight Only
49.00	Applying Acrylic Emulsion Paint of approved make and brand on walls and ceiling including sand papering in intermediate coats including putty. : Two coats. Luxury Quality.	442.000	Sqm	76.00	33,592.00	Rupees ThirtyThree Thousand Five Hundred NinetyTwo Only
50.00	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 :					
50.10	On timber or plastered surface : With super gloss (hi-gloss) - Two coats (white in shade)	107.349	Sqm	85.00	9,125.00	Rupees Nine Thousand One Hundred TwentyFive Only
50.20	On steel or other metal surface : With super gloss (hi-gloss) -Two coats (white in shade)	13.630	Sqm	83.00	1,131.00	Rupees One Thousand One Hundred ThirtyOne Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
51.00	French polishing to wood work including preparing surface (ordinary gloss). On new wood work	5.220	Sqm	492.00	2,568.00	Rupees Two Thousand Five Hundred SixtyEight Only
52.00	Copal varnish of approved quality including preparing surface : On new wood work : Two coats	20.490	Sqm	189.00	3,873.00	Rupees Three Thousand Eight Hundred SeventyThree Only
53.00	Supplying best Indian sheet glass panes set in putty (as per I.S specification) and fitted and fixed with teak wood beads and nails complete. 3 mm thick (weighing 7.4 kg/Sq.m)	3.500	Sqm	544.00	1,904.00	Rupees One Thousand Nine Hundred Four Only
54.00	Supplying best Indian Sheet glass 5 mm thick including cutting to required sizes, setting on putty bases and fitted and fixed with teak glazing beads (19 mm x 12 mm) including putty and nails as necessary complete.	0.940	Sqm	1,094.00	1,028.00	Rupees One Thousand TwentyEight Only
55.00	Supplying, fitting, Fixing Fly / Mosquito proof nylon net on any type of window, door shutter frame with necessary fixing arrangements complete.	20.070	Sqm	973.00	19,528.00	Rupees Nineteen Thousand Five Hundred TwentyEight Only
56.00	Renewing brass spindle and valve of stop cock/bib cock/push cock/pillar cock. 15 mm	16.000	Nos	84.00	1,344.00	Rupees One Thousand Three Hundred FourtyFour Only
57.00	Renewing cromium plating of bib cock/ stop cock/ pillar cock/ waste fittings.	8.000	Nos	55.00	440.00	Rupees Four Hundred Fourty Only

Total 3,56,333.00

Rupees Three Lakh FiftySix Thousand Three Hundred ThirtyThree Only



Executive Engineer
Kolkata south-I Division
Housing directorate

SL.NO. 6

Probable items of specific priced schedule with approximate quantities in connection with the Replacement and Renovation work for Flat No. 22/3 (MIG) at CHE Regent Park Housing Estate, 131, N.S.C. Bose Road, Kolkata-700040 during the year 2017-18.

<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	Anti-termite treatment to the junction of wood work and admixing chloropyrofos emulsifiable concentrates (1% concentration) with water by weight including spraying at the points of contact with the adjoining masonry by drilling 6m. dia holes at a downward angle of about 45 degree at the junction of woodwork and masonry and squirting chemical emulsion into these holes at the rate of half litre per hole. The entire work is to be carried out as per specification of Code I.S.-6313 (Part-III)-1981. The shutters are to be sprayed with emulsion. on both sides. All wooden fixtures like almirahs, racks etc. are also to be thoroughly sprayed with chemical emulsion.	41.740	Sqm	62.00	2,588.00	Rupees Two Thousand Five Hundred EightyEight Only
2.00	Spot application for insecticides using Aqua base spray for pest (for bugs, cockroaches, silverfish, spider, termites, mosquitoes) to walls and ceiling etc. with chemical emulsion by admixing chloropyrofos emulsifiable concentrates (1% concentration) with water by weight including spraying the emulsified chemical @ 0.5 litres per sq.m. by a hand operated pressure pump on wall surfaces, ceiling, electrical fixture,electrical lines including drilling holes in- places where source of termite is detected squirting chemical solution into the holes and sealing the holes with cement grout.	381.620	Sqm	49.00	18,699.00	Rupees Eighteen Thousand Six Hundred NinetyNine Only
3.00	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.	97.986	Sqm	19.00	1,862.00	Rupees One Thousand Eight Hundred SixtyTwo Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
4.00	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. 37.5mm thick	8.660	Sqm	668.00	5,785.00	Rupees Five Thousand Seven Hundred EightyFive Only
5.00	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.					
5.10	With 1:6 cement mortar. 20 mm. thick plaster.	38.514	Sqm	185.00	7,125.00	Rupees Seven Thousand One Hundred TwentyFive Only
5.20	With 1:4 cement mortar. 10 mm. thick plaster.	8.660	Sqm	144.00	1,247.00	Rupees One Thousand Two Hundred FourtySeven Only
6.00	Easing door and windows.	27.000	Nos	17.00	459.00	Rupees Four Hundred FiftyNine Only
7.00	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	4.800	Sqm	121.00	581.00	Rupees Five Hundred EightyOne Only
8.00	Supplying, fitting and fixing fibre reinforced polymer (FRP) Composite door frame as per approved section with glass fibre reinforced plastic moulded skins and a special sandwich core, so as to impart monolitaheic composite structure as per approved technology of Department of Science and Technology (DST) to safisfy IS: 4020 door testing performance criteria.. 66mm x 70mm	14.400	Meter	525.00	7,560.00	Rupees Seven Thousand Five Hundred Sixty Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
9.00	Supplying, fitting & fixing fibre reinforced polymer (FRP) Composite door shutters as per approved design with glass fibre reinforced plastic moulded skins and a special sandwich core, so as to impart monolitaheic composite structure as per approved technology of Department of Science and Technology (DST) to satisfy IS:4020 door testing performance criteria. 25 mm thick.	4.800	Sqm	3,046.00	14,621.00	Rupees Fourteen Thousand Six Hundred TwentyOne Only
10.00	Supplying 6 levers 'Godrej' Crystal Satine Mortice Lock with keys including fitting & fixing complete.	3.000	Nos	2,199.00	6,597.00	Rupees Six Thousand Five Hundred NinetySeven Only
11.00	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark.					
11.10	75mm. X 40mm. X 1.12mm.	18.000	Nos	31.00	558.00	Rupees Five Hundred FiftyEight Only
11.20	100mm. X 50mm. X 1.25mm.	12.000	Nos	48.00	576.00	Rupees Five Hundred SeventySix Only
12.00	Anodised aliminium D-type handle of approved quality manufactured from extruded section conforming to I.S. specification (I.S. 230/72) fitted and fixed complete: With continuous plate base (Hexagonal/ Round rod). 100 mm grip x 10 mm dia rod.	6.000	Nos	79.00	474.00	Rupees Four Hundred SeventyFour 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: 150mm long x 12mm dia. bolt.	3.000	Nos	103.00	309.00	Rupees Three Hundred Nine Only
14.00	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. Grill weighing above 10 Kg./sq.mtr and up to 16 Kg./sq. mtr.	5.560	Qntl	8,247.00	45,853.00	Rupees FourtyFive Thousand Eight Hundred FiftyThree Only
15.00	Collapsible gate with 40mm x 40mm x 6mm Tee as top and bottom guide rail, 20mm x 10mm x 2mm vertical channels 100mm apart in fully stretched position 20mm x 5mm M.S. flats as collapsible bracings properly rivetted and washered including 38mm steel rollers including locking arrangements, fitted and fixed in position with lugs set in cement concrete and including cutting necessary holes, chasing etc. in walls, floors etc. and making good damages complete. In First floor.	6.160	Sqm	3,763.26	23,182.00	Rupees TwentyThree Thousand One Hundred EightyTwo Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
16.00	Supplying best Indian figured glass viz. hammered, fluted, ribbed, pinhead etc. type including cutting to required sizes, setting on putty bases and fitted and fixed with nails and putty complete. 3 mm thick (Coloured)	2.540	Sqm	550.00	1,397.00	Rupees One Thousand Three Hundred NinetySeven Only
17.00	Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	7.575	Sqm	31.00	235.00	Rupees Two Hundred ThirtyFive 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 :					
18.10	On timber or plastered surface : With super gloss (hi-gloss) - Two coats (with any shade except white).	103.455	Sqm	89.00	9,207.00	Rupees Nine Thousand Two Hundred Seven Only
18.20	On steel or other metal surface :With other than hi-gloss of approved quality-) - Two coats (with any shade except white).	23.415	Sqm	86.00	2,014.00	Rupees Two Thousand Fourteen Only
19.00	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 First floor.	72.160	Sqm	56.00	4,041.00	Rupees Four Thousand FourtyOne Only
20.00	Supplying and laying true to line and level vitrified tiles of approved brand (size not less than 600 mm X 600 mm X 10 mm thick) in floor, skirting etc. set in 20 mm sand cement mortar (1:4) and 2 mm thick cement slurry back side of tiles using cement @ 2.91Kg./sqM or using polymerised adhesive (6 mm thick layer applied directly over finished artificial stone floor/Mosaic etc without any backing course) laid after application slurry using 1.75 Kg of cement per sqM below mortar only, joints grouted with admixture of white cement and colouring pigment to match with colour of tiles / epoxy grout materials of approved make as directed and removal of wax coating of top surface of tiles with warm water and polishing the tiles using soft and dry cloth upto mirror finish complete including the cost of materials, labour and all other incidental specification and direction of Engineer-in-Charge.					

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
20.10	With application slurry @1.75 kg/ Sq.m, 20 mm sand cement mortar (1:4) & 2 mm thick cement slurry at back side of tiles, 0.2 kg/ Sq.m white cement for joint filling with pigment. Deep Colour & White.	79.376	Sqm	1,975.00	1,56,768.00	Rupees One Lakh FiftySix Thousand Seven Hundred SixtyEight Only
21.00	Supplying, fitting & fixing 1st quality Ceramic tiles in walls and floors to match with the existing work & 4 nos. of key stones (10mm) fixed with araldite at the back of each tile & finishing the joints with white cement mixed with colouring oxide if required to match the colour of tiles including roughening of concrete surface, if necessary or by synthetic adhesive & grout materials etc.					
21.10	Wall, With Sand Cement Mortar (1:3) 15 mm thick & 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg/Sq.m 0.20kg/Sq.m. Area of each tile above 0.09 Sq.m. Coloured decorative.	40.320	Sqm	856.00	34,514.00	Rupees ThirtyFour Thousand Five Hundred Fourteen Only
22.00	Labour for dismantling G.I. pipe with fittings. 20 mm dia.	23.000	Meter	6.00	138.00	Rupees One Hundred ThirtyEight Only
23.00	Supplying, fitting and fixing Peet's valve fullway gunmetal standard pattern best quality of approved brand bearing I.S.I. marking with fittings (tested to 21 kg per sq. cm.). 20 mm dia.	2.000	Nos	807.00	1,614.00	Rupees One Thousand Six Hundred Fourteen Only
24.00	Supplying fitting and fixing CPVC (Chlorinated Polyvinyl Chloride) pipes of approved make conforming to IS- 15778: 2007 with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, long screw, reducing socket, reducing tee, short piece etc. fitted with holder, bats, clamps including cutting pipes, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials and two coats of painting with approved paint in any position above Ground. For Concealed Work : CPVC pipes Class-I, SDR-11 20 mm dia.	23.000	Meter	179.00	4,117.00	Rupees Four Thousand One Hundred Seventeen Only
25.00	Supplying, fitting and fixing bib cock or stop cock.					
25.10	Chromium plated Bib Cock short body (Equivalent to Code No. 511 & Model - Tropical / Sumthing special of ESSCO or similar brand).	8.000	Nos	689.00	5,512.00	Rupees Five Thousand Five Hundred Twelve Only
25.20	Chromium plated Stop Cock (Equivalent to Code No. 513(A) & 513(B) & Model - Tropical / Sumthing special of ESSCO or similar brand).	9.000	Nos	629.00	5,661.00	Rupees Five Thousand Six Hundred SixtyOne Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
26.00	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.	2.000	Nos	2,504.00	5,008.00	Rupees Five Thousand Eight Only
27.00	Supplying, fitting and fixing stainless steel sink complete with waste fittings and two coats of painting of C.I. brackets. Sink only. 530 mm X 430 mm x 180 mm.	1.000	Nos	4,143.00	4,143.00	Rupees Four Thousand One Hundred FourtyThree Only
28.00	Supplying,fitting and fixing 10 litre low-down cistern conforming to I.S. specification with P.V.C. fittings complete, C.I. brackets including two coats of painting to brackets etc.	2.000	Nos	1,181.00	2,362.00	Rupees Two Thousand Three Hundred SixtyTwo Only
29.00	Supplying, fitting and fixing shower rose of approved brand and make. Chromium plated round shower with revolving joint 100 mm. dia. With rubid cleaning system (Equivalent to Code No. 542(N) & Model - Tropical / Sumthing special of ESSCO or similar brand).	1.000	Nos	576.00	576.00	Rupees Five Hundred SeventySix Only
30.00	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.	2.000	Nos	1,776.00	3,552.00	Rupees Three Thousand Five Hundred FiftyTwo Only
31.00	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) black.	2.000	Nos	353.00	706.00	Rupees Seven Hundred Six Only
32.00	Supplying, fitting and fixing C.I. round grating. 100 mm.	5.000	Nos	73.00	365.00	Rupees Three Hundred SixtyFive Only
33.00	Spplying of UPVC pipes (B Type) & fittings conforming to IS: 13592-1992.					
33.10	Single Socketed 3 Meter length. 110 mm. dia.	16.200	Meter	348.00	5,638.00	Rupees Five Thousand Six Hundred ThirtyEight Only
33.20	Fittings, Bend 45', 110 mm. dia.	2.000	Nos	106.00	212.00	Rupees Two Hundred Twelve Only
33.30	Fittings, Bend 87.5', 110 mm. dia.	5.000	Nos	143.00	715.00	Rupees Seven Hundred Fifteen 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>
33.40	Fittings, Door Bend (T.S.), 110 mm. dia.	3.000	Nos	176.00	528.00	Rupees Five Hundred TwentyEight Only
33.50	Fittings, Passover, 110 mm. dia.	2.000	Nos	486.00	972.00	Rupees Nine Hundred SeventyTwo Only
33.60	Fittings, 110/110 P.Trap, 75 mm. dia.	6.000	Nos	335.00	2,010.00	Rupees Two Thousand Ten Only
34.00	Labour for fitting & fixing U.P.V.C. pipes for above ground work including cost of jointing materials etc. fitting & fixing all necessary specials, cutting pipes, cutting holes in walls or R.C. floor where necessary and mending good all damages excluding the cost of masonry or concrete work, if necessary, but including the cost and fitting & fixing holder bat clamps (any floor) or for underground work including cutting trenches upto 1.5 m. and refilling the same complete as per direction of the Engineer-in-charge. Above Ground : 110 mm. dia.	16.200	Meter	57.00	923.00	Rupees Nine Hundred TwentyThree Only

Total 3,91,004.00

Rupees Three Lakh NinetyOne Thousand Four Only



Executive Engineer
Kolkata south-I Division
Housing directorate

SL.NO. 7

Probable items of specific priced schedule with approximate quantities in connection with the Replacement and Renovation work for Flat No. 24/4 (MIG) at CHE Regent Park Govt. Housing Estate, 131, N.S.C. Bose Road, Kolkata-700040 during the year 2017-2018.

<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	Anti-termite treatment to the junction of wood work and masonry walls with chemical emulsion by admixing chloropyrofos emulsifiable concentrates (1% concentration) with water by weight including spraying at the points of contact with the adjoining masonry by drilling 6m. dia holes at a downward angle of about 45 degree at the junction of woodwork and masonry and squirting chemical emulsion into these holes at the rate of half litre per hole. The entire work is to be carried out as per specification of Code I.S.-6313 (Part-III)-1981. The shutters are to be sprayed with emulsion. on both sides. All wooden fixtures like almirahs, racks etc. are also to be thoroughly sprayed with chemical emulsion.	41.740	Sqm	62.00	2,588.00	Rupees Two Thousand Five Hundred EightyEight Only
2.00	Spot application for insecticides using Aqua base spray for pest (for bugs, cockroaches, silverfish, spider, termites, mosquitoes) to walls and ceiling etc. with chemical emulsion by admixing chloropyrofos emulsifiable concentrates (1% concentration) with water by weight including spraying the emulsified chemical @ 0.5 litres per sq.m. by a hand operated pressure pump on wall surfaces, ceiling, electrical fixture,electrical lines including drilling holes in-places where source of termite is detected squirting chemical solution into the holes and sealing the holes with cement grout.	381.620	Sqm	49.00	18,699.00	Rupees Eighteen Thousand Six Hundred NinetyNine Only
3.00	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.	97.986	Meter	19.00	1,862.00	Rupees One Thousand Eight Hundred SixtyTwo Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
4.00	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. 37.5mm thick	8.660	Sqm	668.00	5,785.00	Rupees Five Thousand Seven Hundred EightyFive Only
5.00	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.					
5.10	With 1:6 cement mortar. 20 mm. thick plaster. In First Floor.	38.514	Sqm	185.00	7,125.00	Rupees Seven Thousand One Hundred TwentyFive Only
5.20	With 1:4 cement mortar. 10 mm. thick plaster. In First Floor.	8.660	Sqm	144.00	1,247.00	Rupees One Thousand Two Hundred FourtySeven Only
6.00	Easing door and windows.	27.000	Nos	17.00	459.00	Rupees Four Hundred FiftyNine Only
7.00	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	4.800	Sqm	121.00	581.00	Rupees Five Hundred EightyOne Only
8.00	Supplying, fitting and fixing fibre reinforced polymer (FRP) Composite door frame as per approved section with glass fibre reinforced plastic moulded skins and a special sandwich core, so as to impart monolitaheic composite structure as per approved technology of Department of Science and Technology (DST) to sasisfy IS: 4020 door testing performance criteria.. 66 mm x 70 mm.	14.400	Meter	525.00	7,560.00	Rupees Seven Thousand Five Hundred Sixty Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
9.00	Supplying, fitting & fixing fibre reinforced polymer (FRP) Composite door shutters as per approved design with glass fibre reinforced plastic moulded skins and a special sandwich core, so as to impart monolitaheic composite structure as per approved technology of Department of Science and Technology (DST) to satisfy IS:4020 door testing performance criteria. 25 mm thick.	4.800	Nos	3,046.00	14,621.00	Rupees Fourteen Thousand Six Hundred TwentyOne Only
10.00	Supplying 6 levers 'Godrej' Crystal Satine Mortice Lock with keys including fitting & fixing complete.	3.000	Nos	2,199.00	6,597.00	Rupees Six Thousand Five Hundred NinetySeven Only
11.00	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark.					
11.10	75mm. X 40mm. X 1.12mm.	18.000	Nos	31.00	558.00	Rupees Five Hundred FiftyEight Only
11.20	100mm. X 50mm. X 1.25mm.	12.000	Nos	48.00	576.00	Rupees Five Hundred SeventySix Only
12.00	Anodised aliminium D-type handle of approved quality manufactured from extruded section conforming to I.S. specification (I.S. 230/72) fitted and fixed complete: With continuous plate base (hexagonal/round rod). 100 mm grip x 10 mm dia rod.	6.000	Nos	79.00	474.00	Rupees Four Hundred SeventyFour 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: 150mm long x 12mm dia. bolt.	3.000	Nos	103.00	309.00	Rupees Three Hundred Nine Only
14.00	Supplying profiles of required section made of Aluminium Alloy Extrusions conforming to IS: 732-1983 and IS: 1285- 1975; Annodized (with required film thickness and specified colour / natural) matt finished conforming to IS: 1868-1983 for fabrication of composit door, sliding & casement windows, partitions, formed of basic sections of any ISI embossed / certified make and brand as per direction of Engineer - In-Charge. In 10-12 Micron thickness Annodizing film. Natural white.					
14.10	3 - track sliding window					
14.11	Bottom frame	15.600	Meter	366.00	5,710.00	Rupees Five Thousand Seven Hundred Ten Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
14.12	Top and side frame	36.000	Meter	317.00	11,412.00	Rupees Eleven Thousand Four Hundred Twelve Only
14.20	2 - track sliding window					
14.21	Bottom frame	1.800	Meter	257.00	463.00	Rupees Four Hundred SixtyThree Only
14.22	Top and side frame	7.200	Meter	229.00	1,649.00	Rupees One Thousand Six Hundred FourtyNine Only
14.30	Shutter for all track sliding window					
14.31	Bottom & Top member	34.800	Meter	138.00	4,802.00	Rupees Four Thousand Eight Hundred Two Only
14.32	style side member	22.200	Meter	140.00	3,108.00	Rupees Three Thousand One Hundred Eight Only
14.33	Interlock member	12.000	Meter	176.00	2,112.00	Rupees Two Thousand One Hundred Twelve Only
14.34	Glazing clip.	83.400	Meter	49.00	4,087.00	Rupees Four Thousand EightySeven Only
14.40	Fixed glazing					
14.41	Top and bottom & side member.	13.200	Meter	382.00	5,042.00	Rupees Five Thousand FourtyTwo Only
14.42	Glazing clip.	13.200	Meter	50.00	660.00	Rupees Six Hundred Sixty Only
15.00	Labour charge for fabrication and installation of composite door, window , partitions made from annodized extruded alloy aluminium sections for the following units:- Glazed aluminium sliding windows made of extruded and annodized alloy aluminium sectios, fabrications, including cutting to proper shape and size, drilling and aligning of window shutter frame fitted with in built locking arrangements, sliding rollers and other necessary fittings, fixture, adhesives and joineries along with extruded neoprine or EPDM gasketing in between window frame and masonry work (walls, column, beam.lintels etc.) as well as between glass and shutter frame for fixing glass and Poly Shulphate sealant and in between shutter and window frame where necessary including cutting to requisite size and fixing glass as per drawing, specification and direction of EIC.					

<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>
15.10	2 track sliding window.	2.430	Sqm	703.00	1,708.00	Rupees One Thousand Seven Hundred Eight Only
15.20	3 /4 track sliding window.	18.750	Sqm	950.00	17,813.00	Rupees Seventeen Thousand Eight Hundred Thirteen Only
15.30	Fixed glazing.	1.890	Sqm	776.00	1,467.00	Rupees One Thousand Four Hundred SixtySeven Only
16.00	Supplying PVC rollers for sliding window as per direction of Engineer -in -Charge	44.000	Nos	15.00	660.00	Rupees Six Hundred Sixty Only
17.00	Supplying maruti lock (100 mm)	8.000	Pair	56.00	448.00	Rupees Four Hundred FourtyEight Only
18.00	Supplying EPDM gasket of approved make and brand as per direction of Engineer - in - Charge. For sliding windows. 'T' shaped EPDM gasket for frames.	51.600	Meter	13.00	671.00	Rupees Six Hundred SeventyOne Only
19.00	Supplying bubble free float glass of approved make and brand conforming to IS: 2835-1987. coloured, toughened glass conforming to IS: 2553 1992 (part-II). 6 mm thick.	18.210	Sqm	1,281.00	23,327.00	Rupees TwentyThree Thousand Three Hundred TwentySeven Only
20.00	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. Grill weighing above 10 Kg./sq.mtr and up to 16 Kg./sq. mtr.	5.560	Qntl.	8,247.00	45,853.00	Rupees FortyFive Thousand Eight Hundred FiftyThree Only
21.00	Supplying best Indian figured glass viz. hammered, fluted, ribbed, pinhead etc. type including cutting to required sizes, setting on putty bases and fitted and fixed with nails and putty complete. 3 mm thick(Coloured).	2.530	Sqm	550.00	1,392.00	Rupees One Thousand Three Hundred NinetyTwo 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.	72.160	Sqm	56.00	4,041.00	Rupees Four Thousand FourtyOne 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 and laying true to line and level vitrified tiles of approved brand (size not less than 600 mm X 600 mm X 10 mm thick) in floor, skirting etc. set in 20 mm sand cement mortar (1:4) and 2 mm thick cement slurry back side of tiles using cement @ 2.91Kg./sqM or using polymerised adhesive (6 mm thick layer applied directly over finished artificial stone floor/Mosaic etc without any backing course) laid after application slurry using 1.75 Kg of cement per sqM below mortar only, joints grouted with admixture of white cement and colouring pigment to match with colour of tiles / epoxy grout materials of approved make as directed and removal of wax coating of top surface of tiles with warm water and polishing the tiles using soft and dry cloth upto mirror finish complete including the cost of materials, labour and all other incidental charges complete true to the manufacturer's specification and direction of Engineer-in-Charge					
23.10	With application slurry @1.75 kg/ Sq.m, 20 mm sand cement mortar (1:4) & 2 mm thick cement slurry at back side of tiles, 0.2 kg/ Sq.m white cement for joint filling with pigment. Deep Colour & White.	79.376	Sqm	1,975.00	1,56,768.00	Rupees One Lakh FiftySix Thousand Seven Hundred SixtyEight Only
24.00	Supplying, fitting & fixing 1st quality Ceramic tiles in walls and floors to match with the existing work & 4 nos. of key stones (10 mm.) fixed with araldite at the back of each tile & finishing the joints with white cement mixed with colouring oxide if required to match the colour of tiles including roughening of concrete surface, if necessary or by synthetic adhesive & grout materials etc.					
24.10	Wall, With Sand Cement Mortar (1:3) 15 mm thick & 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg/Sq.m & joint filling using white cement slurry @ 0.20kg/Sq.m. Area of each tile upto 0.09 Sq.m. Coloured decorative.	40.320	Sqm	856.00	34,514.00	Rupees ThirtyFour Thousand Five Hundred Fourteen Only

Total 3,96,748.00

Rupees Three Lakh NinetySix Thousand Seven Hundred FourtyEight 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 and Renovation work for Flat No. L/2 and G/8 at RHE Baburam Ghosh Road.

<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	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.	127.000	Sqm	19.00	2,413.00	Rupees Two Thousand Four Hundred Thirteen 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 Third Floor.	2.835	Sqm	68.00	193.00	Rupees One Hundred NinetyThree Only
3.00	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.	27.200	Sqm	96.00	2,611.00	Rupees Two Thousand Six Hundred Eleven Only
4.00	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	27.200	Sqm	363.00	9,874.00	Rupees Nine Thousand Eight Hundred SeventyFour Only
5.00	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	27.200	Sqm	97.00	2,638.00	Rupees Two Thousand Six Hundred ThirtyEight Only
6.00	75 mm. thick brick work with 1st class bricks set in cement, sand mortar (1:4) in ground floor including H.B. netting in every alternate layers.					
6.10	In Ground Floor.	1.237	Sqm	537.00	664.00	Rupees Six 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>
6.20	In Third Floor.	1.237	Sqm	573.00	709.00	Rupees Seven Hundred Nine Only
7.00	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.					
7.10	With 1:6 cement mortar. 20 mm. thick plaster.					
7.11	In Ground Floor.	65.090	Sqm	181.00	11,781.00	Rupees Eleven Thousand Seven Hundred EightyOne Only
7.12	In Third Floor.	66.855	Sqm	193.00	12,903.00	Rupees Twelve Thousand Nine Hundred Three Only
7.20	With 1:4 cement mortar. 10 mm. thick plaster.					
7.21	In Ground Floor.	13.600	Sqm	140.00	1,904.00	Rupees One Thousand Nine Hundred Four Only
7.22	In Third Floor.	13.600	Sqm	152.00	2,067.00	Rupees Two Thousand SixtySeven Only
8.00	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 third floor. 3 mm. thick topping (High polishing grinding on this item is not permitted with ordinary cement). Using grey cement. 25 mm. thick.	2.835	Sqm	316.64	898.00	Rupees Eight Hundred NinetyEight Only
9.00	Labour for Chipping of concrete surface before taking up Plastering work.	66.820	Sqm	21.00	1,403.00	Rupees One Thousand Four Hundred Three Only
10.00	Removing loose scales, blisters etc. from old painted surface and thoroughly smoothening the surface to make the same suitable for receiving fresh coat of paint.	342.780	Sqm	22.00	7,541.00	Rupees Seven Thousand Five Hundred FourtyOne Only
11.00	Rendering the surface of walls and ceiling with white cement based wall putty of approved make and brand(1.5mm thick)	342.780	Sqm	122.00	41,819.00	Rupees FourtyOne Thousand Eight Hundred Nineteen 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	Acrylic Distemper to interior wall, ceiling with a coat of solvent based interior grade acrylic primer (as per manufacturer' specification) including cleaning and smoothing surface. Two Coats.	342.780	Sqm	76.00	26,051.00	Rupees TwentySix Thousand FiftyOne Only
13.00	Supplying and laying true to line and level vitrified tiles of approved brand (size not less than 600 mm X 600 mm X 10 mm thick) in floor, skirting etc. set in 20 mm sand cement mortar (1:4) and 2 mm thick cement slurry back side of tiles using cement @ 2.91Kg./sqM or using polymerised adhesive (6 mm thick layer applied directly over finished artificial stone floor/Mosaic etc without any backing course) laid after application slurry using 1.75 Kg of cement per sqM below mortar only, joints grouted with admixture of white cement and colouring pigment to match with colour of tiles / epoxy grout materials of approved make as directed and removal of wax coating of top surface of tiles with warm water and polishing the tiles using soft and dry cloth upto mirror finish complete including the cost of materials, labour and all other incidental charges complete true to the manufacturer's specification and direction of Engineer-in-Charge					
13.10	With application slurry @1.75 kg/ Sq.m, 20 mm sand cement mortar (1:4) & 2 mm thick cement slurry at back side of tiles, 0.2 kg/ Sq.m white cement for joint filling with pigment. Light Colour.					
13.11	In Ground Floor.	40.465	Sqm	1,471.00	59,524.00	Rupees FiftyNine Thousand Five Hundred TwentyFour Only
13.12	In Third Floor.	40.465	Sqm	1,486.00	60,131.00	Rupees Sixty Thousand One Hundred ThirtyOne Only
14.00	Supplying, fitting & fixing 1st quality Ceramic tiles in walls and floors to match with the existing work & 4 nos. of key stones (10 mm.) fixed with araldite at the back of each tile & finishing the joints with white cement mixed with colouring oxide if required to match the colour of tiles including roughening of concrete surface, if necessary or by synthetic adhesive & grout materials etc.					

Sl. No.	Description of Item.	Quantity	Unit	Rate/Unit (Rs.)	Amount (Rs.)	
					In Figure	In Ward
14.10	Wall, With Sand Cement Mortar (1:3) 15 mm thick & 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg/Sq.m & joint filling using white cement slurry @ 0.20kg/Sq.m. Area of each tile upto 0.09 Sq.m. Coloured decorative.					
14.11	In Ground Floor.	20.360	Sqm	1,272.00	25,898.00	Rupees TwentyFive Thousand Eight Hundred NinetyEight Only
14.12	In Third Floor.	20.360	Sqm	1,287.00	26,203.00	Rupees TwentySix Thousand Two Hundred Three Only
15.00	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	15.000	Sqm	121.00	1,815.00	Rupees One Thousand Eight Hundred Fifteen Only
16.00	Easing door and windows.	10.000	Nos	17.00	170.00	Rupees One Hundred Seventy Only
17.00	Wood work in door and window frame fitted and fixed in position complete including a protective coat of painting at the contact surface of the frame exluding cost of concrete, Iron Butt Hinges and M.S clamps. Sal : Local.	0.047	Cum	89,289.00	4,197.00	Rupees Four Thousand One Hundred NinetySeven Only
18.00	Renewing 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	25.000	Nos	40.00	1,000.00	Rupees One Thousand Only
19.00	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark.					
19.10	75mm. X 40mm. X 1.12mm	25.000	Nos	31.00	775.00	Rupees Seven Hundred SeventyFive Only
19.20	100mm. X 58mm. X 1.90mm.	10.000	Nos	52.00	520.00	Rupees Five Hundred Twenty Only
20.00	Iron hasp bolt of approved quality fitted and fixed complete (oxidised) with 16mm dia rod with centre bolt and round fitting. 200mm long.	2.000	Nos	155.00	310.00	Rupees Three Hundred Ten Only
21.00	Iron socket bolt of approved quality fitted and fixed complete.					
21.10	300mm long x 10mm dia bolt.	4.000	Nos	109.00	436.00	Rupees Four Hundred ThirtySix 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>
21.20	100mm long x 10mm dia bolt.	6.000	Nos	45.00	270.00	Rupees Two Hundred Seventy Only
22.00	Anodised aluminium D-type handle of approved quality manufactured from extruded section conforming to I.S. specification (I.S. 230/72) fitted and fixed complete: With continuous plate base (Hexagonal/ Round rod). 75 mm grip x 10 mm dia rod.	6.000	Nos	70.00	420.00	Rupees Four Hundred Twenty Only
23.00	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.	9.500	Meter	352.00	3,344.00	Rupees Three Thousand Three Hundred FourtyFour Only
24.00	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 shall be flat and 20 mm tapered in 45 degree on the inner side to form top...	3.000	Sqm	2,277.00	6,831.00	Rupees Six Thousand Eight Hundred ThirtyOne Only
25.00	Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	75.220	Sqm	41.00	3,084.00	Rupees Three Thousand EightyFour Only
26.00	Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	18.900	Sqm	31.00	586.00	Rupees Five Hundred EightySix Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
27.00	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 :					
27.10	On timber or plastered surface : With super gloss (hi-gloss) - Two coats (with any shade except white)	75.220	Sqm	89.00	6,695.00	Rupees Six Thousand Six Hundred NinetyFive Only
27.20	On steel or other metal surface : With super gloss (hi-gloss) - Two coats (with any shade except white)	18.900	Sqm	86.00	1,625.00	Rupees One Thousand Six Hundred TwentyFive Only
28.00	Supplying, fitting and fixing Peet's valve fullway gunmetal standard pattern best quality of approved brand bearing I.S.I. marking with fittings (tested to 21 kg per sq. cm.). 20 mm dia.	2.000	Nos	807.00	1,614.00	Rupees One Thousand Six Hundred Fourteen Only
29.00	Supplying, fitting and fixing bib cock or stop cock.					
29.10	Chromium plated Bib Cock short body (Equivalent to Code No. 511 & Model - Tropical / Sumthing special of ESSCO or similar brand).	4.000	Nos	689.00	2,756.00	Rupees Two Thousand Seven Hundred FiftySix Only
29.20	Chromium plated Stop Cock (Equivalent to Code No. 513(A) & 513(B) & Model - Tropical / Sumthing Special of ESSCO or similar brand).	8.000	Nos	629.00	5,032.00	Rupees Five Thousand ThirtyTwo Only
29.30	Polythene Bib Cock / Stop Cock (HD) with metal inlet (EMCO / ATLAS or equivalent) 15 mm	4.000	Nos	100.00	400.00	Rupees Four Hundred Only
29.40	Supplying, fitting and fixing alloy iron with brass spindle bib cock/ stop cock of approved brand and make, spray painted and tested to 21 kg per sq. cm. 15 mm	2.000	Nos	195.00	390.00	Rupees Three Hundred Ninety Only
30.00	Supplying, fitting and fixing shower rose of approved brand and make.					
30.10	Chromium plated shower arm 240 mm long (Equivalent to Code No.536(A) & Model - Tropical / Sumthing Special of ESSCO or similar brand).	2.000	Nos	391.00	782.00	Rupees Seven Hundred EightyTwo Only
30.20	Hand Shower(Health Faucet) with 1mtr Flexible Tube with Wall Hook(Equivalent to Code No.573 & Model -ALLIED of Jaquar or similar).	2.000	Nos	1,611.00	3,222.00	Rupees Three Thousand Two Hundred TwentyTwo Only
31.00	Supplying, fitting and fixing stainless steel sink complete with waste fittings and two coats of painting of C.I. brackets. Sink only. 530 mm X 430 mm x 180 mm.	2.000	Nos	4,143.00	8,286.00	Rupees Eight Thousand Two Hundred EightySix Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
32.00	Supplying, fitting and fixing pillar cock of approved make -CP Wall Mixture without spout but with provision for connection to Telephone Shower and exposed pipe for Overhead shower (Equivalent to Code No. 5215 & Model - FLORENTINE of JAQUAR or similar brand)	2.000	Nos	3,188.00	6,376.00	Rupees Six Thousand Three Hundred SeventySix Only
33.00	Supplying,fitting and fixing 10 litre low-down cistern conforming to I.S. specification with P.V.C. fittings complete, C.I. brackets including two coats of painting to brackets etc.	2.000	Nos	1,181.00	2,362.00	Rupees Two Thousand Three Hundred SixtyTwo Only
34.00	Wash basin vitreous china of approved make (without fittings) supplied,fitting 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. 450 mm X 300 mm size.	2.000	Nos	1,374.00	2,748.00	Rupees Two Thousand Seven Hundred FourtyEight Only
35.00	Supplying, fitting and fixing Anglo-Indian W.C. in white glazed vitreous china ware of approved make complete in position with necessary bolts, nuts etc. With 'P' trap (with vent)	2.000	Nos	3,965.00	7,930.00	Rupees Seven Thousand Nine Hundred Thirty Only
36.00	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.	4.000	Nos	126.00	504.00	Rupees Five Hundred Four Only
37.00	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.	4.000	Nos	107.00	428.00	Rupees Four Hundred TwentyEight Only
38.00	Supplying, fitting and fixing Closet seat of approved make with lid and C.P. hinges, rubber buffer and brass screws complete. Anglo Indian. Plastic (hallow type) white.	3.000	Nos	572.00	1,716.00	Rupees One Thousand Seven Hundred Sixteen Only
39.00	Supplying, fitting and fixing PVC pipes of approved makeof (medium duty) conforming to ASTM D - 1785 and threaded to match with GI Pipes as per IS : 1239 (Part - I). with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, longscrew, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, making threads,fitting, fixing etc. complete in all respect including cost of all necessary fittings as required,jointing materials and two coats of painting with approved paint in any position above ground. For Exposed Work.					
39.10	PVC Pipes 20 mm dia.	8.000	Meter	136.00	1,088.00	Rupees One Thousand EightyEight 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>
39.20	PVC Pipes 15 mm dia.	26.000	Meter	106.00	2,756.00	Rupees Two Thousand Seven Hundred FiftySix Only
40.00	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.					
40.10	In Ground Floor.	1.980	Sqm	725.00	1,436.00	Rupees One Thousand Four Hundred ThirtySix Only
40.20	In Third Floor.	1.980	Sqm	761.00	1,507.00	Rupees One Thousand Five Hundred Seven Only
41.00	Dismantling wash basin with brackets with or without waste fitting.	2.000	Nos	35.00	70.00	Rupees Seventy Only
42.00	Dismantling sink with brackets with or without waste fittings. Above 450 mm and upto 600 mm.	2.000	Nos	53.00	106.00	Rupees One Hundred Six Only
43.00	Dismantling E.P or Anglo Indian W.C.	2.000	Nos	45.00	90.00	Rupees Ninety Only
44.00	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.					
44.10	15 mm	20.000	Nos	28.00	560.00	Rupees Five Hundred Sixty Only
44.20	20 mm	10.000	Nos	33.00	330.00	Rupees Three Hundred Thirty Only
45.00	Cutting chase upto 125 x 150 mm. and subsequent mending of damages. in brick wall [Cement-3.6 Kg/Mtr]	4.000	Meter	101.00	404.00	Rupees Four Hundred Four Only
46.00	75 mm. thick brick work with 1st class bricks set in cement, sand mortar (1:4) inground floor including H.B. netting in every alternate layers.					
46.10	In Ground Floor.	1.237	Sqm	537.00	664.00	Rupees Six Hundred SixtyFour Only
46.20	In Third Floor.	1.237	Sqm	573.00	709.00	Rupees Seven Hundred Nine Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
47.00	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.	0.200	Cum	6,086.20	1,217.00	Rupees One Thousand Two Hundred Seventeen Only
48.00	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.	4.024	Sqm	168.00	676.00	Rupees Six Hundred SeventySix Only
49.00	Supplying, fitting and fixing C.I. round grating. 100 mm.	4.000	Nos	73.00	292.00	Rupees Two Hundred NinetyTwo Only
50.00	Supplying, fitting and fixing Marble Slab/tile of 15 to 18 mm thickness in floor, lobby, stair, landing & treads etc. over 20 mm (av.) thck base of Cement mortar (1:2) laid with white cement slurry @ 4.4 kg/Sq.m before placing marble & jointed with white cement slurry @ 2.0 kg/Sq.m with necessary pigments including grinding and Granite polishing as per direction of Engineering in - Charge in Ground Floor. With Makrana plain pink / Adranga Pink / Garbh Gulabi / Udaypur pink / Udaypur Green / Black Bhaslana. Area of each Slab/tile upto 0.3 sq.m.	4.500	Sqm	1,662.00	7,479.00	Rupees Seven Thousand Four Hundred SeventyNine Only
51.00	Extra cost of labour for prefinished and remoulded Nosing to treads of steps, railing, window sill etc. of Marble Stone.	4.500	Meter	261.00	1,175.00	Rupees One Thousand One Hundred SeventyFive Only
52.00	Shutters of 2/3rd panel and 1/3rd glazed of doors and windows as per design (each panel consisting of a single plank without joint and with ordinary glass of 7.4kg. Per sq.m./3mm thick) fitted with putty bed and teak wood beads and nails including fitting and fixing shutters in position but excluding the cost of glass , putty , teak bead, nails, hinges etc. and other fittings, in ground floor. 25mm thick shutters with 12mm thick panel.Sishu,Gamar, Champ, Badam, Bhola,Mogra, Hallak.	2.025	Sqm	2,815.00	5,700.00	Rupees Five Thousand Seven Hundred Only
Total					4,00,108.00	

Rupees Four Lakh One Hundred Eight Only



Executive Engineer
Kolkata south-I Division
Housing directorate

SL.NO. 9

Probable items of specific priced schedule with approximate quantities in connection with the Renovation for Flat NO. 34 & 77 (new allotment) kitchen, bath by fixing floor & wall tiles, Marble & block stone, acrylic emulsion paint, some S & P works with allied items of work at RHE Minto Park during the year 2017-18.

<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	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.	85.828	Sqm	21.49	1,845.00	Rupees One Thousand Eight Hundred FourtyFive Only
2.00	Taking out Mirzapur or glazed porcelain tiles carefully by chiselling from walls or floor including stacking serviceable material as directed.	21.577	Sqm	119.91	2,587.00	Rupees Two Thousand Five Hundred EightySeven Only
3.00	Dismantling artificial stone flooring upto 50 mm. thick by carefully chiselling without damaging the base and removing rubbish as directed within a lead of 75 m.					
3.10	In 3rd. Floor.	13.190	Sqm	76.92	1,015.00	Rupees One Thousand Fifteen Only
3.20	In 7th. Floor.	7.549	Sqm	104.07	786.00	Rupees Seven Hundred EightySix Only
4.00	Dismantling all types of plain cement concrete works, stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m. upto 150 mm. thick.					
4.10	In 3rd. Floor.	0.257	Cum	1,231.88	317.00	Rupees Three Hundred Seventeen Only
4.20	In 7th. Floor.	0.163	Cum	1,458.12	238.00	Rupees Two Hundred ThirtyEight Only
5.00	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.	20.980	Sqm	99.55	2,088.00	Rupees Two Thousand EightyEight 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	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. 20 mm thick.	20.980	Sqm	322.39	6,764.00	Rupees Six Thousand Seven Hundred SixtyFour Only
7.00	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.					
7.10	With 1:6 cement mortar, 20 mm thick plaster					
7.11	In 3rd. Floor.	17.600	Sqm	202.48	3,564.00	Rupees Three Thousand Five Hundred SixtyFour Only
7.12	In 7th. Floor.	12.000	Sqm	223.98	2,688.00	Rupees Two Thousand Six Hundred EightyEight Only
7.20	With 1:4 cement mortar, 10 mm thick plaster					
7.21	In 3rd. Floor.	12.840	Sqm	159.50	2,048.00	Rupees Two Thousand FourtyEight Only
7.22	In 7th. Floor.	8.140	Sqm	180.99	1,473.00	Rupees One Thousand Four Hundred SeventyThree Only
8.00	Supplying, fitting & fixing 1st quality Ceramic tiles in walls and floors to match with the existing work & 4 nos. of key stones (10mm) fixed with araldite at the back of each tile & finishing the joints with white cement mixed with colouring oxide if required to match the colour of tiles including roughening of concrete surface, if necessary or by synthetic adhesive & grout materials etc.					
8.10	Floor, With Sand Cement Mortar (1:4) 20 mm thick & 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg/Sq.m & joint filling using white cement slurry @ 0.20kg/Sq.m. Area of each tile above 0.09 Sq.m, Coloured decorative.					

<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>
8.11	In 3rd. Floor.	13.190	Sqm	1,046.36	13,801.00	Rupees Thirteen Thousand Eight Hundred One Only
8.12	In 7th. Floor.	7.549	Sqm	1,072.38	8,095.00	Rupees Eight Thousand NinetyFive Only
8.20	Wall, With Sand Cement Mortar (1:3) 15 mm thick & 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg/Sq.m & joint filling using white cement slurry @ 0.20kg/Sq.m. Area of each tile above 0.09 Sq.m, Coloured decorative.					
8.21	In 3rd. Floor.	52.642	Sqm	1,263.55	66,516.00	Rupees SixtySix Thousand Five Hundred Sixteen Only
8.22	In 7th. Floor.	25.163	Sqm	1,289.57	32,449.00	Rupees ThirtyTwo Thousand Four Hundred FourtyNine Only
9.00	Cutting chase upto 125 x 150 mm. and subsequent mending of damages. In brick wall [Cement-3.6 Kg/Mtr]	2.700	Meter	105.20	284.00	Rupees Two Hundred EightyFour Only
10.00	Supplying, fitting and fixing Black Stone slab used in Kitchen slab, alcove, wardrobe etc. laid and jointed with necessary adhesive Cement mortar (1:2) including grinding or polishing as per direction of Engineer-in -Charge in 5th. Floor. Slab Thickness 20 to 25 mm.					
10.10	In 3rd. Floor.	1.935	Sqm	766.95	1,484.00	Rupees One Thousand Four Hundred EightyFour Only
10.20	In 7th. Floor.	0.595	Sqm	834.83	497.00	Rupees Four Hundred NinetySeven Only
11.00	Supplying, fitting, fixing marble slab/tiles, 15 mm. to 18 mm. thick in dado / wall in 15 mm thick [avg] cement mortar (1:2) including making suitable arrangements to hold the stones properly by brass / copper hooks applying white cement slurry @ 4.4 kg/ sq.m at the back side of marble & pointing in cement mortar (1:2) (1 cement, 2 marble dust) with admixture of pigment matching the stone shades including polishing all complete as per direction of the Engineer-in-charge including cost of materials, labours, scaffolding, staging, curing complete.					

<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>
11.10	With Makrana plain pink / Adranga Pink / Garbh Gulabi / Udaypur Pink / Udaypur green / Black Bhalsana. Area of each slab/tile exceeding 0.6 sq.m but not exceeding 1 sq.m.					
11.11	In 3rd. Floor.	4.757	Sqm	2,358.55	11,220.00	Rupees Eleven Thousand Two Hundred Twenty Only
11.12	In 7th. Floor.	3.312	Sqm	2,426.42	8,036.00	Rupees Eight Thousand ThirtySix Only
12.00	Extra cost of labour for prefinished and premoulded Nosing to treads of steps, railing, window sill etc. of Marble Stone.	7.100	Meter	291.85	2,072.00	Rupees Two Thousand SeventyTwo Only
13.00	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.					
13.10	In 3rd. Floor.	0.049	Cum	88,540.16	4,338.00	Rupees Four Thousand Three Hundred ThirtyEight Only
13.20	In 7th. Floor.	0.025	Cum	89,614.80	2,240.00	Rupees Two Thousand Two Hundred Fourty Only
14.00	Supplying, fitting and fixing boiling water proof block board conforming to IS:1659-1990 conforming to IS:848-1974 of approved make and brand, fitted and fixed as per design as per direction of Engineer-in-charge. 19 mm Thick.					
14.10	In 3rd. Floor.	7.458	Sqm	2,785.01	20,771.00	Rupees Twenty Thousand Seven Hundred SeventyOne Only
14.20	In 7th. Floor.	3.980	Sqm	2,861.94	11,391.00	Rupees Eleven Thousand Three Hundred NinetyOne Only
15.00	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:					
15.10	50 x 45 x 2.5mm.	32.000	Nos	41.85	1,339.00	Rupees One Thousand Three Hundred ThirtyNine Only
15.20	75 x 45 x 2.5mm.	26.000	Nos	58.82	1,529.00	Rupees One Thousand Five 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>
16.00	Anodised aluminium D-type handle of approved quality manufactured from extruded section conforming to I.S. specification (I.S. 230/72) fitted and fixed complete: With round base: 75 mm grip x 10 mm dia rod.	29.000	Nos	56.56	1,640.00	Rupees One Thousand Six Hundred Fourty Only
17.00	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	2.995	Sqm	134.61	403.00	Rupees Four Hundred Three Only
18.00	Supplying, fitting and fixing fibre reinforced polymer (FRP) Composite door frame as per approved section with glass fibre reinforced plastic moulded skins and a special sandwich core, so as to impart monolitaheic composite structure as per approved technology of Department of Science and Technology (DST) to safisfy IS: 4020 door testing performance criteria.. (i) 66mm x 90mm.	9.760	Sqm	562.21	5,487.00	Rupees Five Thousand Four Hundred EightySeven Only
19.00	Supplying, fitting & fixing fibre reinforced polymer (FRP) Composite door shutters as per approved design with glass fibre reinforced plastic moulded skins and a special sandwich core, so as to impart monolitaheic composite structure as per approved technology of Department of Science and Technology (DST) to satisfy IS:4020 door testing performance criteria. 32 mm thick	2.667	Sqm	3,173.02	8,462.00	Rupees Eight Thousand Four Hundred SixtyTwo Only
20.00	Taking out shutter of door and window, dismantling by parts (for repair or replacement of damaged parts) , reassembling and refitting and rehanging same with old fittings but with new screws as necessary.	2.880	Sqm	142.53	410.00	Rupees Four Hundred Ten Only
21.00	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 3rd. Floor. 32 mm thick shutters (single leaf)	2.880	Sqm	2,716.01	7,822.00	Rupees Seven Thousand Eight Hundred TwentyTwo 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>
22.00	Supplying best Indian sheet glass panes set in putty and fitted and fixed with nails and putty complete. 3 mm thick (weighing 7.4 kg/Sq.m)	6.754	Sqm	539.58	3,644.00	Rupees Three Thousand Six Hundred FourtyFour Only
23.00	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 4th. Floor. Grill weighing above 10 Kg./sq.mtr and up to 16 Kg./sq. mtr. In 3rd. Floor.	0.638	Qntl	8,433.27	5,380.00	Rupees Five Thousand Three Hundred Eighty Only
24.00	Supplying fitting and fixing I.R.C. fabric mesh with covering battens including cost of screws etc complete (excluding the cost of battens).25mm x 25mm x 2.2mm x 2.2mm. In 3rd. Floor.	3.420	Sqm	277.14	948.00	Rupees Nine Hundred FourtyEight Only
25.00	Rendering the surface of walls and ceiling with white cement based wall putty of approved make and brand(1.5mm thick)	347.266	Sqm	124.43	43,211.00	Rupees FourtyThree Thousand Two Hundred Eleven Only
26.00	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 thoroughly, complete as per manufacturer's specification and as per direction of the EIC. One Coat. Solvent based interior grade Acrylic Primer.					
26.10	In 3rd. Floor.	347.266	Sqm	40.53	14,075.00	Rupees Fourteen Thousand SeventyFive Only
26.20	In 7th. Floor.	347.266	Sqm	44.15	15,332.00	Rupees Fifteen Thousand Three Hundred ThirtyTwo Only
27.00	Applying Acrylic Emulsion Paint of approved make and brand on walls and ceiling including sand papering in intermediate coats including putty (Two coats). Luxury Quality.					
27.10	In 3rd. Floor.	347.266	Sqm	81.59	28,335.00	Rupees TwentyEight Thousand Three Hundred ThirtyFive Only
27.20	In 7th. Floor.	347.266	Sqm	85.21	29,592.00	Rupees TwentyNine Thousand Five Hundred NinetyTwo Only
28.00	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 :					

<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	On timber or plastered surface : With super gloss (hi-gloss) - One coat (white in shade)	68.796	Sqm	58.82	4,047.00	Rupees Four Thousand FourtySeven Only
28.20	On timber or plastered surface : With super gloss (hi-gloss) -(ii) Two coats (white in shade)	44.886	Sqm	88.23	3,960.00	Rupees Three Thousand Nine Hundred Sixty Only
28.30	On steel or other metal surface : With super gloss (hi-gloss) -(i) One coat (white in shade)	50.610	Sqm	55.43	2,805.00	Rupees Two Thousand Eight Hundred Five Only
29.00	Supplying & laying of approved make and brand of scratch proof, flexible & homogeneous P.V.C. Vinyle flooring conforming to IS:3462 - 1982 in required finish, fixed with synthetic acrylic adhesive after preparing the floor, levelling & smothaning when necessary with suitable putty, as per the design & instruction of the Engineer-in-charge. 2 mm thick (Plain).	68.338	Sqm	576.91	39,425.00	Rupees ThirtyNine Thousand Four Hundred TwentyFive Only
30.00	Supplying 'Godrej' mortice lock chromium plated with keys 6 levers including fitting & fixing complete.	2.000	Nos	2,210.36	4,421.00	Rupees Four Thousand Four Hundred TwentyOne Only
31.00	Labour for dismantling G.I. pipe with fittings.15 mm.	29.610	Meter	6.79	201.00	Rupees Two Hundred One Only
32.00	Dismantling E.P. or Anglo-Indian W.C.	4.000	Nos	50.90	204.00	Rupees Two Hundred Four Only
32.00	Dismantling flush pipe of water closet.	4.000	Nos	19.23	77.00	Rupees SeventySeven Only
33.00	Supplying, fitting and fixing CPVC (Chlorinated Polyvinyl Chloride) pipes of approved make conforming to IS-15778: 2007 with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, longscrow, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials in any position above ground. (Payment will be made on the centre line measurements of total pipe line including all specials. No separate payment will be made for accesories, specials. For Concealed Work, CPVC Pipes Class-1,SDR-11, 15 mm	29.610	Meter	158.37	4,689.00	Rupees Four 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>
34.00	Supplying, fitting and fixing Peet's valve fullway gunmetal standard pattern best quality of approved brand bearing I.S.I. marking with fittings (tested to 21 kg per sq. cm.).					
34.10	20 mm dia.	3.000	Nos	743.20	2,230.00	Rupees Two Thousand Two Hundred Thirty Only
34.20	25 mm dia.	1.000	Nos	1,031.65	1,032.00	Rupees One Thousand ThirtyTwo Only
35.00	Supplying, fitting and fixing E.W.C. in white glazed vitreous chinaware of approved make complete in position with necessary bolts, nuts etc. With 'S' trap.	2.000	Nos	1,710.37	3,421.00	Rupees Three Thousand Four Hundred TwentyOne Only
36.00	Supplying, fitting and fixing Anglo-Indian W.C. in white glazed vitreous china ware of approved make complete in position with necessary bolts, nuts etc. With 'S' trap (with vent).	2.000	Nos	1,824.63	3,649.00	Rupees Three Thousand Six Hundred FourtyNine Only
37.00	Supplying, fitting and fixing Closet seat of approved make with lid and C.P. hinges, rubber buffer and brass screws complete. E.W.C. Bestolite (solid type) black.					
37.10	E.W.C. Bestolite (solid type) black.	1.000	Nos	808.81	809.00	Rupees Eight Hundred Nine Only
37.20	Anglo Indian, Plastic (hallow type) white.	2.000	Nos	548.63	1,097.00	Rupees One Thousand NinetySeven Only
38.00	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.	4.000	Nos	1,148.17	4,593.00	Rupees Four Thousand Five Hundred NinetyThree Only
39.00	Dismantling wash basin with brackets with or without waste fittings.	4.000	Nos	39.59	158.00	Rupees One Hundred FiftyEight 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>
40.00	Supplying, fitting and fixing white vitreous china best quality approved make wash basin with C.I. brackets on 75 mm X 75 mm wooden blocks, C.P. waste fittings of 32 mm dia., one approved quality brass C.P. pillar cock of 15 mm dia., C.P. chain with rubber plug of 30 mm dia., approved quality P.V.C. waste pipe with C.P. nut 32 mm dia., 900 mm long approved quality P.V.C. connection pipe with heavy brass C.P. nut including mending good all damages and painting the brackets with two coats of approved paint. 550 mm X 400 mm size.	3.000	Nos	2,497.69	7,493.00	Rupees Seven Thousand Four Hundred NinetyThree Only
41.00	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	1.000	Nos	1,564.45	1,564.00	Rupees One Thousand Five Hundred SixtyFour Only
42.00	Supplying, fitting and fixing Waste fittings complete. C.P. over brass, 32 mm	1.000	Nos	214.93	215.00	Rupees Two Hundred Fifteen Only
43.00	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.	4.000	Nos	121.04	484.00	Rupees Four Hundred EightyFour Only
44.00	Supplying, fitting and fixing approved brand 32 mm dia. P.V.C. waste pipe, with PVC coupling at one end fitted with necessary clamps. 900 mm long	4.000	Nos	84.84	339.00	Rupees Three Hundred ThirtyNine Only
45.00	Supplying, fitting and fixing 15 mm swan neck tap with left & right hand operating nob with aerator (Equivalent to Code No. 510, 510(A) and Model - TROPICAL / SUMTHING SPECIAL of ESSCO or similar brand).	1.000	Nos	917.40	917.00	Rupees Nine Hundred Seventeen Only
46.00	Supplying, fitting and fixing 32 mm dia. Flush Pipe of approved make with necessary fixing materials and clamps complete. Polythene Flush Pipe	4.000	Nos	175.34	701.00	Rupees Seven Hundred One Only
47.00	Supplying, fitting and fixing bib cock or stop cock.					
47.10	Chromium plated Bib Cock short body (Equivalent to Code No. 511 & Model - Tropical / Sumthing Special of ESSCO or similar brand).	8.000	Nos	609.72	4,878.00	Rupees Four Thousand Eight Hundred SeventyEight Only
47.20	Chromium plated Concealed Stop Cock (Equivalent to Code No. 514(A) & Model - Tropical / Sumthing Special of ESSCO or similar brand).	2.000	Nos	762.43	1,525.00	Rupees One Thousand Five Hundred TwentyFive Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
47.30	Chromium plated angular Stop Cock with wall flange (Equivalent to Code No. 5053 & Model - Florentine of Jaquar or similar brand).	4.000	Nos	921.93	3,688.00	Rupees Three Thousand Six Hundred EightyEight Only
48.00	Supplying, fitting and fixing shower of approved brand and make. Chromium plated shower arm 240 mm long (Equivalent to Code No. 536(A) & Model - Tropical / Sumthing Special of ESSCO or similar brand).	4.000	Nos	349.54	1,398.00	Rupees One Thousand Three Hundred NinetyEight Only
49.00	Supplying, fitting and fixing bevelled edged mirror 5.5 mm thick silver red as per I.S. 3438 / 1965 together with brass C.P. hinges. 600 mm X 450 mm	4.000	Nos	547.50	2,190.00	Rupees Two Thousand One Hundred Ninety Only
50.00	Supplying, fitting and fixing glass shelf with aluminium guard rails. Ordinary type with 5.5 mm sheet glass. 450 mm X 125 mm	4.000	Nos	385.74	1,543.00	Rupees One Thousand Five Hundred FourtyThree Only
51.00	Supplying, fitting and fixing soap holder. Polythene	2.000	Nos	56.56	113.00	Rupees One Hundred Thirteen Only
52.00	Supplying, fitting and fixing towel rail with two brackets. C.P. over brass. 25 mm dia. and 600 mm long.	3.000	Nos	486.42	1,459.00	Rupees One Thousand Four Hundred FiftyNine Only
53.00	Supplying, fitting and fixing stainless steel sink complete with waste fittings and two coats of painting of C.I. brackets. Sink only. 530 mm X 430 mm x 180 mm	1.000	Nos	3,715.99	3,716.00	Rupees Three Thousand Seven Hundred Sixteen Only

Total 4,85,257.00

Rupees Four Lakh EightyFive Thousand Two Hundred FiftySeven 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 Renovation for Flat No. 43 & 15 (new allotment) kitchen, bath by fixing floor & wall tiles, Marble & block stone, acrylic emulsion paint, some S & P works with allied items of work at RHE Minto Park during the year 2017-18.

<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	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.	71.342	Sqm	21.49	1,533.00	Rupees One Thousand Five Hundred ThirtyThree 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 4th. Floor.	14.124	Sqm	83.71	1,182.00	Rupees One Thousand One Hundred EightyTwo 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. upto 150 mm. thick. In 4th. Floor.	0.217	Cum	1,288.44	280.00	Rupees Two Hundred Eighty Only
4.00	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.	10.860	Sqm	99.55	1,081.00	Rupees One Thousand EightyOne Only
5.00	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. 20 mm thick.	10.860	Sqm	322.39	3,501.00	Rupees Three Thousand Five Hundred One Only
6.00	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary. In 4th. Floor.					
6.10	With 1:6 cement mortar, 20 mm thick plaster	16.260	Sqm	207.01	3,366.00	Rupees Three Thousand Three Hundred SixtySix Only

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					<u>In Figure</u>	<u>In Ward</u>
6.20	With 1:4 cement mortar, 10 mm thick plaster	10.860	Sqm	164.02	1,781.00	Rupees One Thousand Seven Hundred EightyOne Only
7.00	Supplying, fitting & fixing 1st quality Ceramic tiles in walls and floors to match with the existing work & 4 nos. of key stones (10mm) fixed with araldite at the back of each tile & finishing the joints with white cement mixed with colouring oxide if required to match the colour of tiles including roughening of concrete surface, if necessary or by synthetic adhesive & grout materials etc.					
7.10	Floor, With Sand Cement Mortar (1:4) 20 mm thick & 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg/Sq.m & joint filling using white cement slurry @ 0.20kg/Sq.m. Area of each tile above 0.09 Sq.m, Coloured decorative. In 4th. Floor.	14.124	Sqm	1,052.02	14,859.00	Rupees Fourteen Thousand Eight Hundred FiftyNine Only
7.20	Wall, With Sand Cement Mortar (1:3) 15 mm thick & 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg/Sq.m & joint filling using white cement slurry @ 0.20kg/Sq.m. Area of each tile above 0.09 Sq.m, Coloured decorative. In 4th. Floor.	55.082	Sqm	1,269.21	69,910.00	Rupees SixtyNine Thousand Nine Hundred Ten Only
8.00	Cutting chase upto 125 x 150 mm. and subsequent mending of damages. In brick wall [Cement-3.6 Kg/Mtr]	2.250	Meter	105.20	237.00	Rupees Two Hundred ThirtySeven Only
9.00	Supplying, fitting and fixing Black Stone slab used in Kitchen slab, alcove, wardrobe etc. laid and jointed with necessary adhesive Cement mortar (1:2) including grinding or polishing as per direction of Engineer-in -Charge in 5th. Floor. Slab Thickness 20 to 25 mm. In 4th. Floor.	1.405	Sqm	780.53	1,097.00	Rupees One Thousand NinetySeven Only
10.00	Supplying, fitting, fixing marble slab/tiles, 15 mm. to 18 mm. thick in dado / wall in 15 mm thick [avg] cement mortar (1:2) including making suitable arrangements to hold the stones properly by brass / copper hooks applying white cement slurry @ 4.4 kg/ sq.m at the back side of marble & pointing in cement mortar (1:2) (1 cement, 2 marble dust) with admixture of pigment matching the stone shades including polishing all complete as per direction of the Engineer-in-charge including cost of materials, labours, scaffolding, staging, curing complete.					

<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>
10.10	With Makrana plain pink / Adranga Pink / Garbh Gulabi / Udaypur Pink / Udaypur green / Black Bhalsana. Area of each slab/tile exceeding 0.6 sq.m but not exceeding 1 sq.m. In 4th. Floor.	7.739	Sqm	2,372.13	18,358.00	Rupees Eighteen Thousand Three Hundred FiftyEight Only
11.00	Extra cost of labour for prefinished and premoulded Nosing to treads of steps, railing, window sill etc. of Marble Stone.	6.150	Meter	291.85	1,795.00	Rupees One Thousand Seven Hundred NinetyFive Only
12.00	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. In 4th. Floor.	0.088	Cum	88,766.40	7,811.00	Rupees Seven Thousand Eight Hundred Eleven Only
13.00	Supplying, fitting and fixing boiling water proof block board conforming to IS:1659-1990 conforming to IS:848-1974 of approved make and brand, fitted and fixed as per design as per direction of Engineer-in-charge. 19 mm Thick. In 4th. Floor.	24.591	Sqm	2,800.85	68,876.00	Rupees SixtyEight Thousand Eight Hundred SeventySix Only
14.00	Supplying best Indian Sheet glass 5 mm thick including cutting to required sizes,setting on putty bases and fitted and fixed with teak glazing beads (19 mm x 12 mm) including putty and nails as necessary complete. In 4th. Floor.	1.440	Sqm	1,072.38	1,544.00	Rupees One Thousand Five Hundred FourtyFour Only
15.00	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:					
15.10	50 x 45 x 2.5mm.	24.000	Nos	41.85	1,005.00	Rupees One Thousand Five Only
15.20	75 x 45 x 2.5mm.	40.000	Nos	58.82	2,353.00	Rupees Two Thousand Three Hundred FiftyThree Only
16.00	Anodised aliminium D-type handle of approved quality manufactured from extruded section conforming to I.S. specification (I.S. 230/72) fitted and fixed complete: With round base: 75 mm grip x 10 mm dia rod.	22.000	Nos	56.56	1,244.00	Rupees One Thousand Two Hundred FourtyFour Only
17.00	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	2.995	Sqm	134.61	403.00	Rupees Four Hundred Three 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 fibre reinforced polymer (FRP) Composite door frame as per approved section with glass fibre reinforced plastic moulded skins and a special sandwich core, so as to impart monolithic composite structure as per approved technology of Department of Science and Technology (DST) to satisfy IS: 4020 door testing performance criteria.. (i) 66mm x 90mm.	9.760	Sqm	562.21	5,487.00	Rupees Five Thousand Four Hundred EightySeven Only
19.00	Supplying, fitting & fixing fibre reinforced polymer (FRP) Composite door shutters as per approved design with glass fibre reinforced plastic moulded skins and a special sandwich core, so as to impart monolithic composite structure as per approved technology of Department of Science and Technology (DST) to satisfy IS:4020 door testing performance criteria. 32 mm thick	2.667	Sqm	3,188.85	8,505.00	Rupees Eight Thousand Five Hundred Five Only
20.00	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.	2.880	Sqm	142.53	410.00	Rupees Four Hundred Ten Only
21.00	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 3rd. Floor. 32 mm thick shutters (single leaf)	2.880	Sqm	2,731.85	7,868.00	Rupees Seven Thousand Eight Hundred SixtyEight Only
22.00	Renewing M.S. members of steel shutters by welding including taking out the old, mending good damages complete, including taking out and refixing the glass panes.	1.350	Meter	238.68	322.00	Rupees Three Hundred TwentyTwo Only
23.00	Renewing one point steel (oxidised) handle of steel door and windows as directed including painting complete.	10.000	Nos	69.00	690.00	Rupees Six Hundred Ninety Only
24.00	Supplying best Indian sheet glass panes set in putty and fitted and fixed with nails and putty complete. 3 mm thick (weighing 7.4 kg/Sq.m)	11.475	Sqm	539.58	6,192.00	Rupees Six Thousand One 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>
25.00	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 4th. Floor. Grill weighing above 10 Kg./sq.mtr and up to 16 Kg./sq. mtr. In 4th. Floor.	0.158	Qntl	8,515.13	1,345.00	Rupees One Thousand Three Hundred FourtyFive Only
26.00	Polishing only of old marble or terrazo work with oxalic acid powder using 33 gms/ sq.m. by manual labour / machine where necessary.	63.310	Sqm	42.99	2,721.00	Rupees Two Thousand Seven Hundred TwentyOne Only
27.00	Rendering the surface of walls and ceiling with white cement based wall putty of approved make and brand(1.5mm thick)	694.531	Sqm	124.43	86,422.00	Rupees EightySix Thousand Four Hundred TwentyTwo Only
28.00	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 thoroughly, complete as per manufacturer's specification and as per direction of the EIC. One Coat. Solvent based interior grade Acrylic Primer. In 4th. Floor.	694.531	Sqm	41.33	28,708.00	Rupees TwentyEight Thousand Seven Hundred Eight Only
29.00	Applying Acrylic Emulsion Paint of approved make and brand on walls and ceiling including sand papering in intermediate coats including putty (Two coats). Luxury Quality. In 4th. Floor.	694.531	Sqm	82.40	57,227.00	Rupees FiftySeven Thousand Two Hundred TwentySeven Only
30.00	Painting with best quality synthetic enamel paint of approved make and brand including smoothing surface by sand papering etc. including using of approved putty etc. on the surface, if necessary :					
30.10	On timber or plastered surface : With super gloss (hi-gloss) - One coat (white in shade)	68.796	Sqm	58.82	4,047.00	Rupees Four Thousand FourtySeven Only
30.20	On timber or plastered surface : With super gloss (hi-gloss) -(ii) Two coats (white in shade)	41.561	Sqm	88.23	3,667.00	Rupees Three Thousand Six Hundred SixtySeven Only
30.30	On steel or other metal surface : With super gloss (hi-gloss) -(i) One coat (white in shade)	43.200	Sqm	55.43	2,395.00	Rupees Two Thousand Three Hundred NinetyFive 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>
31.00	Supplying & laying of approved make and brand of scratch proof, flexible & homogeneous P.V.C. Vinyl flooring conforming to IS:3462 - 1982 in required finish, fixed with synthetic acrylic adhesive after preparing the floor, levelling & smothering when necessary with suitable putty, as per the design & instruction of the Engineer-in-charge. 2 mm thick (Plain).	68.338	Sqm	576.91	39,425.00	Rupees ThirtyNine Thousand Four Hundred TwentyFive Only
32.00	Labour for dismantling G.I. pipe with fittings.15 mm.	25.860	Meter	6.79	176.00	Rupees One Hundred SeventySix Only
33.00	Dismantling E.P. or Anglo-Indian W.C.	2.000	Nos	50.90	102.00	Rupees One Hundred Two Only
34.00	Dismantling flush pipe of water closet.	2.000	Nos	19.23	38.00	Rupees ThirtyEight Only
35.00	Supplying, fitting and fixing CPVC (Chlorinated Polyvinyl Chloride) pipes of approved make conforming to IS-15778: 2007 with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, longscrew, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials in any position above ground. (Payment will be made on the centre line measurements of total pipe line including all specials. No separate payment will be made for accessories, specials. For Concealed Work, CPVC Pipes Class-1,SDR-11, 15 mm	25.860	Meter	158.37	4,095.00	Rupees Four Thousand NinetyFive Only
36.00	Supplying, fitting and fixing Peet's valve fullway gunmetal standard pattern best quality of approved brand bearing I.S.I. marking with fittings (tested to 21 kg per sq. cm.). 20 mm dia.	1.000	Nos	743.20	743.00	Rupees Seven Hundred FourtyThree Only
37.00	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.	1.000	Nos	1,607.44	1,607.00	Rupees One Thousand Six Hundred Seven Only
38.00	Supplying, fitting and fixing Orissa pattern water closet in white glazed vitreous chinaware of approved make in position complete excluding 'P' or 'S' trap. 580 mm X 440 mm	1.000	Nos	1,824.63	1,825.00	Rupees One Thousand Eight Hundred TwentyFive 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>
39.00	Supplying, fitting and fixing Closet seat of approved make with lid and C.P. hinges, rubber buffer and brass screws complete.E.W.C. Bestolite (solid type) white	1.000	Nos	808.81	809.00	Rupees Eight Hundred Nine Only
40.00	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.	2.000	Nos	1,148.17	2,296.00	Rupees Two Thousand Two Hundred NinetySix Only
41.00	Dismantling wash basin with brackets with or without waste fittings.	2.000	Nos	39.59	79.00	Rupees SeventyNine Only
42.00	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	2,497.69	2,498.00	Rupees Two Thousand Four Hundred NinetyEight Only
43.00	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	1.000	Nos	1,564.45	1,564.00	Rupees One Thousand Five Hundred SixtyFour Only
44.00	Supplying, fitting and fixing Waste fittings complete. C.P. over brass, 32 mm	1.000	Nos	214.93	215.00	Rupees Two Hundred Fifteen Only
45.00	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.	2.000	Nos	121.04	242.00	Rupees Two Hundred FourtyTwo Only
46.00	Supplying,fitting and fixing approved brand 32 mm dia.P.V.C. waste pipe, with PVC coupling at one end fitted with necessary clamps. 900 mm long	2.000	Nos	84.84	170.00	Rupees One Hundred Seventy Only
47.00	Supplying, fitting and fixing 15 mm swan neck tap with left & right hand operating nob with aerator (Equivalent to Code No. 510, 510(A) and Model - TROPICAL / SUMTHING SPECIAL of ESSCO or similar brand).	1.000	Nos	917.40	917.00	Rupees Nine Hundred Seventeen Only

Sl. No.	Description of Item.	Quantity	Unit	Rate/Unit (Rs.)	Amount (Rs.)	
					In Figure	In Ward
48.00	Supplying,fitting and fixing 32 mm dia. Flush Pipe of approved make with necessary fixing materials and clamps complete. Polythene Flush Pipe	2.000	Nos	175.34	351.00	Rupees Three Hundred FiftyOne Only
49.00	Supplying, fitting and fixing bib cock or stop cock.					
49.10	Chromium plated Bib Cock short body (Equivalent to Code No. 511 & Model - Tropical / Sumthing Special of ESSCO or similar brand).	6.000	Nos	609.72	3,658.00	Rupees Three Thousand Six Hundred FiftyEight Only
49.20	Chromium plated Concealed Stop Cock (Equivalent to Code No. 514(A) & Model - Tropical / Sumthing Special of ESSCO or similar brand).	2.000	Nos	762.43	1,525.00	Rupees One Thousand Five Hundred TwentyFive Only
49.30	Chromium plated angular Stop Cock with wall flange (Equivalent to Code No. 5053 & Model - Florentine of Jaquar or similar brand).	2.000	Nos	921.93	1,844.00	Rupees One Thousand Eight Hundred FourtyFour Only
50.00	Supplying, fitting and fixing shower of approved brand and make. Chromium plated shower arm 240 mm long (Equivalent to Code No. 536(A) & Model - Tropical / Sumthing Special of ESSCO or similar brand).	2.000	Nos	349.54	699.00	Rupees Six Hundred NinetyNine Only
51.00	Supplying, fitting and fixing bevelled edged mirror 5.5 mm thick silver red as per I.S. 3438 / 1965 together with brass C.P. hinges. 600 mm X 450 mm	1.000	Nos	547.50	548.00	Rupees Five Hundred FourtyEight Only
52.00	Supplying, fitting and fixing glass shelf with aluminium guard rails. Ordinary type with 5.5 mm sheet glass. 450 mm X 125 mm	1.000	Nos	385.74	386.00	Rupees Three Hundred EightySix Only
53.00	Supplying, fitting and fixing soap holder. Polythene	2.000	Nos	56.56	113.00	Rupees One Hundred Thirteen Only
54.00	Supplying, fitting and fixing towel rail with two brackets. C.P. over brass. 25 mm dia. and 600 mm long.	2.000	Nos	486.42	973.00	Rupees Nine Hundred SeventyThree Only

Total 4,85,120.00

Rupees Four Lakh EightyFive Thousand One Hundred Twenty 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 Renovation work for Strengthening work for Roof slab of RM-8 including allide works at O.D.R.C Behala for the year 2017-2018.

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
1.00	Cleaning the concrete surface by removing dirt and debris, marking defective locations and removing loose concrete by careful stripping 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.	42.801	Sqm	101.81	4,357.00	Rupees Four Thousand Three Hundred FiftySeven Only
2.00	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.	2.822	Sqm	884.60	2,496.00	Rupees Two Thousand Four Hundred NinetySix Only
3.00	Cutting holes and subsequent mending good damages. Diameter exceeding 150 mm. but not exceeding 300 mm.					
3.10	In brick work	22.200	Cum	183.25	4,068.00	Rupees Four Thousand SixtyEight Only
3.20	In concrete work	22.200	Cum	325.79	7,232.00	Rupees Seven Thousand Two Hundred ThirtyTwo 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>
4.00	M.S. structural works in columns, beams etc. with simple rolled structural members (e.g. joists, angle, channel sections conforming to IS: 226, IS: 808 & SP (6)- 1964 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-incharge complete including cutting to requisite shape and length, fabrication with necessary bolting, metal arc welding conforming to IS: 816- 1969 & IS: 1995 using electrodes of approved make and brand conforming to IS:814- 2004, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental charges such as electricity charges, labour insurance charges etc. For built up sections / structural members of specified sections weighing not less than 22.5 Kg./m	5.212	M.T	73,035.11	3,80,659.00	Rupees Three Lakh Eighty Thousand Six Hundred FiftyNine Only
5.00	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement, if any, in ground floor as per relevant IS codes. Pakur Variety.	1.665	Cum	6,048.55	10,071.00	Rupees Ten Thousand SeventyOne Only
6.00	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.					
6.10	25 mm	25.680	Sqm	355.20	9,121.00	Rupees Nine Thousand One Hundred TwentyOne Only
6.20	37 mm	17.120	Sqm	434.38	7,437.00	Rupees Seven Thousand Four Hundred ThirtySeven Only
7.00	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	42.800	Sqm	99.55	4,261.00	Rupees Four Thousand Two Hundred SixtyOne 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	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 Second floor.					
8.10	With 1:4 cement mortar. 10 mm. thick plaster.	42.800	Sqm	159.50	6,827.00	Rupees Six Thousand Eight Hundred TwentySeven Only
8.20	With 1:6 cement mortar. 20 mm. thick plaster.	11.100	Sqm	202.48	2,248.00	Rupees Two Thousand Two Hundred FourtyEight Only
9.00	Priming one coat to steel or metal surface with synthetic enamel / oil bound primer of approved quality including smoothening surface by sand papering etc.	368.991	Sqm	32.80	12,105.00	Rupees Twelve Thousand One Hundred Five Only
10.00	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 stell or metal surface, Two coats (with any shade except white).	184.496	Sqm	89.36	16,487.00	Rupees Sixteen Thousand Four Hundred EightySeven Only
11.00	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.	2.940	Cum	187.78	552.00	Rupees Five Hundred FiftyTwo Only

Total 4,67,921.00

Rupees Four Lakh SixtySeven Thousand Nine Hundred TwentyOne Only



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