



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. 238/X-159

Dated: 12/02/2018

NOTICE INVITING TENDER NO. 32 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	26/02/ 2018 up to 2:00 P.M.
11. Date of Opening Tender	27/02/ 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 Tenders should arrange to procure tender papers from Website well in advance. It may note that no NSC/KVP will not be accepted as Earnest Money. Recovery of 1% Cess on construction cost in accordance with the building another construction works (Regulation of Employment and Conditions of Service) Act 1996 will be applied.



Executive Engineer
Kolkata south-I Division
Housing directorate

Memo. No. 238/1/(21)/X-159

Dated: 12/02/2018

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.	Maintenance work at Baruipur RHE for Flat No. C1/8, D2/7, D1/8, B1/8, B2/8 & D1/5 such as masonry work, white washing etc. & construction of Vat with allied works during the year 2017- 18.	2,94,464.00	5,890.00	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 November 2017 & current corrigendum in Respective District
2.	Construction of Four storied working women hostel 76 nos. Single occupancy units at Ibrahimpur road jadvapur- Construction of Security Guard Kiosk by ACP & laying ply at all bed.	3,72,237.00	7,445.00			Kolkata South Sub-Division No.-II	30 (Thirty) Days	
3.	Repairing of laying tiles and S & P works at Flat No. K/4 and K/2 of RHE Moore Avenue, Kolkata, during the year 2017-18. Kolkata.	37,796.00	756.00			Kolkata South Sub-Division No.-II	30 (Thirty) Days	
4.	Emergent maintenance work of wood work and allied works and priming & painting of Block-J at MIG Tollygunge Homes Kolkata, during the year 2017-18. Kolkata.	39,293.00	786.00			Kolkata South Sub-Division No.-II	30 (Thirty) Days	
5.	Emergent maintenance work at CHE Regent Park for reconstruction of existing damaged slab & beam of roof top tank, inside repair work of Flat No. 12/2, 5/6 and others, outside soil & waste water line repair and replacement with other allied works, during the year 2017-18. Kolkata.	2,59,853.00	5,197.00			Kolkata South Sub-Division No.-II	30 (Thirty) Days	
6.	Maintenance work for removing of rubbish, filling by earth and dressing ground at Tollygunge Homes and 21, Baburum Ghosh Road RHE, Kolkata-700040 during the year 2017- 18.	1,13,302.00	2,266.00			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.	Urgent Maintenance work to RHE Lake Gardens such as plastering, flooring, wood work, white washing & some S & P works at vacant Flat No. V/12, V/13, J/8, G/6, N/8 and running Flat No. N/2, N/5, N/3, I/2, I/7, N/5, C/8, B/8, D/4, E/2 & O/8 total 16 Nos. Flat during the year 2017-18. Kolkata.	3,65,800.00	7,316.00	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 November 2017 & current corrigendum in Respective District
8.	Repair and maintenance work for new allotments of the flat no. B-1, I-5, etc. & others flats at Ibrahimpur Road RHE, Kolkata-700032 during the year 2017- 18.	2,00,739.00	4,015.00			Kolkata South Sub-Division No.-II	30 (Thirty) Days	
9.	Repair and maintenance work for new allotments & others flats at Baburam Ghosh Road RHE, Kolkata-700040 during the year 2017- 18.	2,22,925.00	4,459.00			Kolkata South Sub-Division No.-II	30 (Thirty) Days	



Executive Engineer
Kolkata south-I Division
Housing directorate

PRINTED TENDER FORM

West Bengal Form No. 2911 (I/II)

Price – Rupees Three/ Five

NIT No. 32 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.

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.

[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

[P.T.O.-3]

Should this tender be accepted I/We hereby agree to abide by and fulfill all the terms and provisions of the said conditions of contract annexed hereto so far as applicable, or in default thereof to forfeit and pay to the Governor or his successors in office the sums of money mentioned in the said conditions.

The sum of Rs. _____ *is herewith forwarded in as earnest-money

[(a) the full value of which is to be absolutely forfeited to the Governor or his successors in office, without prejudice to any other rights or remedies of the said Governor or his successors in office, should I/We fail to commence the works specified in the above memorandum, or should I/We not deposit the full amount of security deposit specified in the above memorandum in accordance with clause 1(A) of the said conditions of contract, otherwise they said sum of Rs. _____ shall be retained by the Government as on account of such security deposit as aforesaid;

or

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

Dated the _____ day of _____ 2018

Witness

Address

Occupation

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

Dated the _____ day of _____ 2018

* Give particulars and number

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

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

Signature of Contractor before submission of Tender.

Signature of witness to Contractor's signature

** Signature of the officer by whom accepted

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.

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 month

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

a) For work with three months Defect Liability Period :

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

b) For work with one year Defect Liability Period :

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

c) For work with three years Defect Liability Period :

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

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

d) For work with five years Defect Liability Period :

i) No Security deposit shall be refunded to the contractor for 1st. 3 years from the actual date of completion of the work.

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

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

Explanation: The word work means and includes road work, bridge work, building work, sanitary and plumbing work, electrical work and or any other work contemplated within the scope and ambit of this contract for.

i) The work patch repair or patch maintenance in nature or a combination thereof, the Defect Liability Period of the work shall be three months from the actual date of completion of the work.

ii) Thorough Bituminous Surfacing work with bituminous thickness less than 40 mm, Repair & Rehabilitation of any road/bridge/culvert/building/Sanitary & Plumbing work, the Defect Liability Period of the work shall be one year from the actual date of completion of the work.

iii) Extension of building/bridge/culvert, construction of new flexible pavement up to bituminous level which has been designed for a period of 3 years or more, Widening and strengthening of flexible pavement designed for a period of 3 years or more, Improvement of riding quality/Strengthening of flexible pavement designed for a period of 3 years or more; Providing profile corrective course/bituminous base course, the Defect Liability Period of the work shall be three years from the actual date of completion of the work;

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

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

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

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

Clause-18 The contractor shall supply at his own cost materials (except such special materials, if any, as may in accordance with the contract be supplied from the Engineer-in-Charge's stores), plant, tools, appliances, implements, ladders, cordage, tackle, scaffolding and temporary work requisite or proper for the execution of the work whether original altered or substituted and whether included in the specification or other documents forming part of the contract or referred to in these conditions or not, or which may necessary for the purpose of satisfying or complying with the requirements of the Engineer-in-Charge (as to any matter as to which under these conditions he is entitled to be satisfied, or which) he is entitled to require together with carriage there for to and from the work. The contractor shall also supply without charge the requisite number of persons with the means and materials necessary for the purpose of setting out works, and counting, weighing and assisting in the measurement or examination at any time and from time to time of the work or materials. Failing his so doing the same may be provided by the Engineer-in-Charge at the expense of the contractor and the expenses may be deducted from any money due to the contractor under the contract, or from his security deposit or the proceeds of sale thereof or of sufficient portion thereof. The contractor shall also provide all necessary fencing and lights required to protect the public from accident, and shall be bound to bear the expenses of defence of every suit, action or other proceeding at law that may be brought by any person for injury sustained owing neglect of the above precautions and to pay any damage and costs which may be awarded in any such suit, action or proceedings to any such person or which may with the consent of the contractor be paid to compromise any claim by any such person.

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

Clause 18B.-In every case in which by virtue of the provisions of Section 12, Sub- section (1) of the Workmen's Compensation Act, 1923, Government is obliged to pay compensation to a workman employed by the contractor, in execution of the works, Government will recover from the contractor the amount of the compensation so paid, and, without prejudice to the rights of Government under Section 12, Sub- section (2) of the said Act, Government shall be at liberty to recover such amount or any part thereof by deducting it from the security deposit or from any sum due by the Government to the contractor whether under this contract or otherwise.

Government shall not bound to contest any claim made against it under Section 12, Sub-section (1) of the said Act, except on the written request of the contractor and upon his giving to Government full security for all costs for which Government might become liable in consequence of contesting such claim.

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

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

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

P. W. D., W. B.

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

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

Contractor to supply plant, ladders, scaffolding etc.

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

Labour

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

(d) Deduct from the moneys due to the contractor any sum required or estimated to be required for making good the loss suffered by a worker or workers by reasons of non- fulfillment of the conditions of the contract for the benefit of the workers, non-payment of wages or of deduction made from his or their wages which are not justified by their terms of contract or non-observance of the Regulations as mentioned above.

(e) The contractor shall comply with the provisions of Payment of Wages Act, 1936, Minimum wages Act, 1948, Employees Liability Act, 1938, Industrial Dispute Act, 1947, Maternity Benefits Act, 1961 and the contract Labour (Regulations & Abolition) Act, 1970 or the modification thereof or any other laws relating thereto and the Rules made there-under from time to time.

(f) The contract shall indemnify Government against payment to be made and for observance of the laws aforesaid and the C.P.W.D. contractor's Labour Regulations having application within the State of West Bengal without prejudice to his right to claim indemnity from his sub-contractors

(g) The Regulations aforesaid shall be deemed to be a part of his contract and any breach thereof shall be deemed to be a breach of this contract."

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

Works on
Sundays

Clause-21 The contract shall not be assigned or sublet without specific orders from Government in respect of a specified sub-contractor. And if the contractor shall assign or sublet his contract, or attempt so to do, or become insolvent or commence any in insolvency proceedings or make any composition with his creditor, or attempt to do so, or if any bribe, gratuity, gift, loan, perquisite, reward or advantage, pecuniary or otherwise, shall either directly or indirectly be given, promised, or offered by the contractor, or any of his servants or agents to any public officer or person in the employ of Government in any way relating to his office of employment, or if any such officer or person shall become in any way directly or indirectly interested in the contract, the Divisional Officer may thereupon by notice in writing rescind the contract, and the security deposit of the contractor shall thereupon stand forfeited and be absolutely at the disposal of Government and the same consequences shall ensure as if the contract had been rescinded under the clause 3 hereof, and in addition the contractor shall not be entitled to recover or be paid for any work therefore actually performed under the contract.

Work not to be sublet

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

Clause-22 All sums payable 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 constructed and taken to mean the works by virtue of the contract contracted to be executed, whether temporary or permanent and whether original, altered, substituted or additional

Definition of Work

Clause-30 The contractor(s) shall at his/their own cost provide his/their labour with hutting on an approved site, and shall make arrangements for conservancy and sanitation in the labour camp to the satisfaction of the local Public Health and Medical Authorities. He/They shall also at his/their own cost make arrangements for the laying of pipe lines for water-supply to his/their labour camp from the existing mains wherever available, and shall pay all fees, charges and expenses in connection, therewith and incidental thereto.

INTERPRETATION CLAUSE

The Governor means the Governor of West Bengal and his successors.

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

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

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

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

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

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

Signature of Contractor

Signature of

Sub-Divisional Officer

Divisional Officer

ADDITIONAL CONDITIONS

1. Cement found surplus after the completion of a work should be returned to the Sub- divisional Officer, the value of the cement returned to the Department will be credited to the contractor. If any contractor is found to have used the surplus cement for his own purpose or otherwise disposed of it without the written consent of the Executive Engineer or the Sub- divisional Officer (if nominated for the purpose by the Executive Engineer) he may be held guilty of theft. In this connection the provision of clause 10 may be referred to where it is clearly stated that all materials issued to the contractor's shall remain the property of Government.
2. The contractor shall have to make his own arrangements for water both for the work and use by his coolly, etc. for steam road rollers and for all tools and plant, etc. required on the work.
3. Contractors will be responsible for the payments of all water charges payable to the Corporation of Calcutta or any other water works authority including a Government department.
4. If the contractor shall desire an extension of the time for completion of the work under clause 5 of the contract, no application for such extension will be entertained if it is not received in sufficient time to allow the Divisional Officer to consider it and the contractor will be responsible for the consequences arising out of his negligence in this respect.
5. The contractor will have to leave ducts in walls and floors to run conduit or cables, where necessary, and he will not be entitled to any extra payment on this account.
6. Contractors in the course of their work should understand that all materials (e.g. store and other materials) obtained in the work of dismantling, excavation, etc., will be considered Government property and will be disposed of to the advantage of Government.
7. Owing to difficulty in obtaining certain materials in the open market due to war the Government have undertaken to supply materials specified in the schedule on page of the Tender form at rates stated therein. There may be delay in obtaining the materials by the Department and the contractor is, there-for, required to keep himself in touch with the day to day position regarding the supply of materials from the Engineer in charge and to so adjust the progress of the work that his labour may not remain idle not may there be any other claim due to or arising from delay in obtaining the materials. It should be clearly understood that no claim whatsoever shall be entertained by the Government on account of delay in supplying materials.
8. The minimum period for which a road roller is required to be used by a contractor shall be determined by the Executive Engineer on the basis of the quantity of metal that can be consolidated by a roller per day and the Executive Engineer's decision shall be final. if the roller be required to work for a longer period due to bad arrangement of the contractor, shortage of water, etc., additional hire charges shall be levied at the rates specified below under 'A, Hire Charges' for the additional period the roller works.
9. No Compensation for any damage done by rain or traffic during the execution of the work will be made.
10. Whenever a work is carried out in a municipal area, electric lights or electric danger signals wherever available shall be provided by the contractors on the barriers as well as paraffin lights. Facilities for the electric connection will be made by this Department but the contractor will bear all the expenses.
11. The contractor should quote through rate inclusive of cost of materials and carriage to place of working.
12. The contractors should give complete specifications showing the method of execution and the quantity and quality of material they intend to use per hundred sq.ft. Area.
13. In cases where water is used by the contractor he will be required to deposit in advance with the Executive Engineer the charges for water which are to be calculated in accordance with the schedule of miscellaneous rates in the Canal Act.
14. It must be clearly understood by the contractor that no claim on account of enhanced rates on those already accepted, due to war fluctuations will be entertained during the currency of this contract for the work as per schedule attached to the agreement and the additional work, if any, under clause 12 of the contract, if such additional work shall consist of items which have already been quoted for, or, items not quoted for but appearing in District Schedule.
15. In the event of emergency the contractor will be required to pay his labour every day and if this is not done, Government shall make the requisite payment as would have been paid by the contractor and recover the cost from the contractors.

INCONVENIENCE OF THE PUBLIC

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

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

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

ADDITIONAL CONDITIONS WHEN ROAD ROLLERS ARE SUPPLIED BY GOVERNMENT

Road Rollers, if available, shall be supplied by the Government upon payment of hire charges at the rates and on the conditions specified below. The contractor should requisite road roller at least two weeks before the date on which the same are required mentioning the dates on which delivery is desired. In case rollers cannot be made available to the contractor on that date, requisite extension of time shall be granted to the contractor for completion of the work but the contractor shall not be entitled to claim any compensation for loss of labour or any other cause whatsoever shall be entertained.

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

A-Hire Charge

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

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

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

i) Charged of Driver – 310/- per day

ii) Charged of Cleaner – 310/- per day

iii) Charged of Chowkidar – 310/- per day

B-Conditions

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

The reason for which exemption may be allowed are:

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

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

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

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

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

SPECIFICATIONS GOVERNING ISSUE OR ROAD ROLLERS

The number of working days to be allowed for finishing each individual items of work shall be calculated in the basis of work out put specified in Statements I and II Below.

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

STATEMENT - I

(a) For Petrol, Diesel or Steam Road - Roller - 8/13 Tonne or over.
N.B. Each working day means roller day, i.e. 8 hours in a day with one roller

TABLE

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

Sl. No.	Item of works	Works output per working day of 8 hours		Remarks
		Floor Limit [Minimum]	Ceiling Limit [Maxim]	
4	Consolidation of metal (size within the range of 3.75 cm to 7.6 cm) - a) Broken stone metal (Pakur or Rajmahal or Chandil or similarly hard stone) b) Broken stone metal softer than (a) above c) Broken slag metal d) Laterite of Jhama Metal e) Unbroken stone (e.g. single or gravel)	14 Cu.m 17 Cu.m 17 Cu.m 28 Cu.m 34 Cu.m	23 Cu.m 28 Cu.m 28 Cu.m 45 Cu.m 51 Cu.m	
5	Consolidation of Moorum	34 Cu.m	51 Cu.m	
6	Rolling dry chips/Bajri/Gravel in surface dressing works- a) On water Bound surface b) On black top surface	558 Sq.m 650 Sq.m	1,116 Sq.m 1,300 Sq.m	
7	Rolling premixed chips/bajri/Gravel- a) In 19 mm (nominal) thick carpet b) In 25 mm (nominal) thick carpet c) In 32 mm (nominal) thick carpet d) In 38 mm (nominal) thick carpet	372 Sq.m 325 Sq.m 279 Sq.m 232 Sq.m	743 Sq.m 650 Sq.m 558 Sq.m 465 Sq.m	

N.B-In case of items not covered by the above or by any stipulation of a particular contract, the limit will be as decided by the Engineer-in- 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 of the work on account of lesser use of materials in actual execution for reasons other than authorized changes of specification and abandonment of portion of work corresponding deduction equivalent to the cost of unused material as determined by the Engineer-in-charge shall be made and the material returned to the contractors. Although the materials are hypothecated to Government the contractor undertakes the responsibility for their proper watch, safe custody and protection against all risks. The materials shall not be removed from site of work without the consent of the Engineer-in-charge in writing.

ADDITIONAL CLAUSES

1. In case where the responsibility of dispatch of stores rests with the suppliers but the freight is payable by the purchaser, the supplier should dispatch the stores by the most economical method using the full wagon whenever it is possible and economical to do so, failing which the supplier will render himself liable for the whole or part of any avoidable expenditure caused by such default. The supplier should get in touch with the Purchase Officer concerned and in cases of dispatch of stores which are the property of the Defense Department at the time of dispatch. The supplier may obtain the advice of the 'Movement Control Section' Staff Officers or the Controller of Supplies of the stations concerned.
2. The contractor will have to make his own arrangements for the carriage of materials.
3. "For all items of contract works requiring unskilled labour the contractors shall be bound to employ unskilled local labour. The expression "local" shall mean and deem to mean the Anchal, the Block, the Thana or the District of the State of West Bengal where the work will be executed. In cases of non-availability of such unskilled local labour and of other difficulties experienced by the contractor in recruiting such local labour, the contractor may, with the prior permission in writing of the Engineer-in-Charge of the work, recruit and employ unskilled labour from neighboring areas of that District. In case the work is in the border area of two districts and there is dearth of adequate number of labour from the district where the work will be executed, labour may be recruited by the contractor from contiguous areas of the other contiguous district. In case local labour will not be available even from the districts as mentioned and when the exigency or progress of work so demands, the contractor may, with the prior permission in writing of the said Engineer-in-Charge engage labour from the other districts of the State of West Bengal and in case the same be not available then the contractor may, with the prior permission of the said Engineer-in-Charge, employ imported labour of other states.

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

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

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

SL.NO. 01

Probable items of specific priced schedule with approximate quantities in connection with the maintenance work at Baruiapur RHE for Flat No. C1/8, D2/7, D1/8, B1/8, B2/8 & D1/5 such as masonry work, white washing etc. & construction of Vat with allied works 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.	173.980	Sqm	21.49	3,739.00	Rupees Three Thousand Seven Hundred ThirtyNine Only
2.00	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.	66.120	Sqm	99.55	6,582.00	Rupees Six Thousand Five Hundred EightyTwo Only
3.00	Cement concrete (1:1.5:3) with graded stone chips 5.6 mm size with hexagonal square mesh wire netting, I.R.C. fabric mesh or X.P. M. fitted and fixed after tying the existing reinforcement on concrete without distributing the same and with proper scarping and cleaning the reinforcement and disturbed concrete with wire brush etc. after applying a coat of cement including the cost of wire netting I.R.C or X. P. M. & cost of all handling and scaffolding complete as per direction of Engineer-in -charge. 25 mm thick.	66.120	Cum	355.20	23,486.00	Rupees TwentyThree Thousand Four Hundred EightySix Only
4.00	125 mm. thick brick work with 1st class bricks in cement mortar (1:3) in ground floor.	12.530	Sqm	851.79	10,673.00	Rupees Ten Thousand Six Hundred SeventyThree Only
5.00	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete. Depth of excavation not exceeding 1,500 mm.	1.620	Cum	134.92	219.00	Rupees Two Hundred Nineteen Only
6.00	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand.	8.100	Sqm	404.97	3,280.00	Rupees Three Thousand Two Hundred Eighty Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
7.00	Cement concrete with graded jhama khoa (30 mm size) excluding shuttering In ground floor and foundation. 1:3:6 proportion.	0.340	Cum	5,171.85	1,758.00	Rupees One Thousand Seven Hundred FiftyEight Only
8.00	Brick work with 1st class bricks in cement mortar (1:6). In superstructure, ground floor.	2.180	Cum	6,254.40	13,635.00	Rupees Thirteen Thousand Six Hundred ThirtyFive Only
9.00	Artificial stone in floor, dado, staircase etc with cement concrete (1:2:4) with stone chips, laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (1:2) including smooth finishing and rounding off corners including raking out joints or roughening of concrete surface and application of cement slurry before flooring works using cement @ 1.75 kg/sq.m all complete including all materials and labour. In ground floor. 3 mm. thick topping (High polishing grinding on this item is not permitted with ordinary cement). Using grey cement. 25 mm. thick.	6.130	Sqm	304.29	1,865.00	Rupees One Thousand Eight Hundred SixtyFive 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 (Ground floor).					
10.10	With 1:6 cement mortar, 20 mm thick plaster.	20.700	Sqm	188.91	3,910.00	Rupees Three Thousand Nine Hundred Ten Only
10.20	With 1:6 cement mortar, 15 mm thick plaster.	136.660	Sqm	164.02	22,416.00	Rupees TwentyTwo Thousand Four Hundred Sixteen Only
10.30	With 1:3 cement mortar, 10 mm thick plaster.	66.120	Sqm	152.71	10,097.00	Rupees Ten Thousand NinetySeven Only
11.00	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc.	20.700	Sqm	38.46	796.00	Rupees Seven Hundred NinetySix Only
12.00	White washing including cleaning and smoothening surface thoroughly. All floors :Two coats.	1052.430	Sqm	20.52	21,596.00	Rupees TwentyOne Thousand Five Hundred NinetySix Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
13.00	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.	0.215	Cum	2,212.63	476.00	Rupees Four Hundred SeventySix Only
14.00	R.C. shelves (1:1.5:3) either precast or cast in situ with stone chips and necessary reinforcement upto 1% (0.8% main and 0.2% distribution bars), shuttering etc. and 10 mm. thick cement plaster (1:4) including neat cement finishing and cutting chase fitting and fixing in position, mending good damages as necessary complete. In ground floor. 50 mm. Thick panels. Other than SAIL/ TATA/ RINL.	4.050	Sqm	1,097.26	4,444.00	Rupees Four Thousand Four Hundred FourtyFour Only
15.00	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.	25.000	Nos	111.99	2,800.00	Rupees Two Thousand Eight Hundred Only
16.00	Labour for taking out door and window frame including shutter for repair or replacement of different parts of the frame & refixing the same including mending good all damaes complete. Upto area 2.5 Sq.m.	5.630	Sqm	134.61	758.00	Rupees Seven Hundred FiftyEight Only
17.00	Taking out door and window shutters and rehanging the same with old fittings. With new iron screws.	14.420	Sqm	88.23	1,272.00	Rupees One Thousand Two Hundred SeventyTwo Only
18.00	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.	0.1765	Cum	87,861.44	15,508.00	Rupees Fifteen Thousand Five Hundred Eight Only
19.00	Supplying, fitting and fixing M.S. clamps for door and window frame made of flat bent bar, end bifurcated with necessary screws etc. by cement concrete(1:2:4) as per direction. 40mm X 6mm, 250mm Length.	28.000	Nos	32.80	919.00	Rupees Nine Hundred Nineten Only
20.00	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.	0.066	Cum	6,012.21	397.00	Rupees Three Hundred NinetySeven Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
21.00	Panel shutters of door and window, as per design (each panel consisting of single plank without joint), including fitting and fixing the same in position but excluding the cost of hinge and other fittings. In ground floor.35mm thick shutters with 19mm thick panel of size 30 to 45 cm. Sishu, Gamar, Champ,Badam,Bhola, Mogra, Hallak.	12.520	Sqm	3,334.78	41,751.00	Rupees FourtyOne Thousand Seven Hundred FiftyOne Only
22.00	Shutters of 2/3rd panel and 1/3rd glazed of doors and windows as per design (each panel consisting of a single plank without joint and with ordinary glass of 7.4kg. Per sq.m./3mm thick) fitted with putty bed and teak wood beads and nails including fitting and fixing shutters in position but excluding the cost of glass, putty, teak bead, nails, hinges etc. and other fittings, in ground floor. 35mm thick shutters with 19mm thick panel. Sishu, Gamar, Champ, Badam, Bhola, Mogra, Hallak.	10.290	Sqm	3,613.05	37,178.00	Rupees ThirtySeven Thousand One Hundred SeventyEight Only
23.00	Iron butt hinges (Oxidised Fittings) of approved quality fitted and fixed with steel screws, with ISI mark.					
23.10	100mm. X 50mm. X 1.25mm	31.000	Nos	63.23	1,960.00	Rupees One Thousand Nine Hundred Sixty Only
23.20	75mm. X 47mm. X 1.70mm.	68.000	Nos	45.59	3,100.00	Rupees Three Thousand One Hundred Only
24.00	Iron socket bolt of approved quality fitted and fixed complete. 150mm long x 10mm dia bolt.	46.000	Nos	71.27	3,278.00	Rupees Three Thousand Two Hundred SeventyEight Only
25.00	Iron hasp bolt of approved quality fitted and fixed complete (oxidised) with 16mm dia rod with centre bolt and round fitting. 250mm long.	9.000	Nos	179.86	1,619.00	Rupees One Thousand Six Hundred Nineteen Only
26.00	Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	72.540	Sqm	42.99	3,118.00	Rupees Three Thousand One Hundred Eighteen Only
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 : On timber or plastered surface :Two coats (with any shade except white)	72.540	Sqm	91.63	6,647.00	Rupees Six Thousand Six Hundred FourtySeven 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>
28.00	Applying decorative cement based paint of approved quality after preparing the surface including scraping the same thoroughly (plastered or concrete surface) as per manufacturer's specification. In Ground floor:Two coats.	28.800	Sqm	55.43	1,596.00	Rupees One Thousand Five Hundred NinetySix Only
29.00	Supplying, fitting and fixing shower of approved brand and make. Polythene overhead shower of approved make. 15 mm X 125 mm	4.000	Nos	174.20	697.00	Rupees Six Hundred NinetySeven Only
30.00	Supplying, fitting and fixing bib cock or stop cock.					
30.10	PTMT (Polytetra Bib Cock / Stop Cock (Prayag or equivalent) 15 mm	5.000	Nos	174.20	871.00	Rupees Eight Hundred SeventyOne Only
30.20	Chromium plated Stop Cock (Equivalent to Code No. 513(A) & 513(B) & Model - Tropical / Sumthing Special of ESSCO or similar	2.000	Nos	557.68	1,115.00	Rupees One Thousand One Hundred Fifteen Only
31.00	Renewing C.I. clamp for pipe including cutting hole in wall etc. 100 mm	12.000	Nos	162.89	1,955.00	Rupees One Thousand Nine Hundred FiftyFive Only
32.00	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
33.00	Supplying, fitting and fixing low-down cistern parts. Internal fittings for cistern complete of approved make.	4.000	Nos	321.26	1,285.00	Rupees One Thousand Two Hundred EightyFive Only
34.00	Cleaning and disinfecting upto 2000 litre Water Tank including masonry reservoir.	16.000	Nos	175.34	2,805.00	Rupees Two Thousand Eight Hundred Five Only
35.00	Dismantling wash basin with brackets with or without waste fittings.	4.000	Nos	39.59	158.00	Rupees One Hundred FiftyEight Only
36.00	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. 450 mm X 300 mm size.	3.000	Nos	1,306.54	3,920.00	Rupees Three Thousand Nine Hundred Twenty Only
37.00	Dismantling sink with brackets with or without waste fittings. Upto 450 mm length.	1.000	Nos	45.25	45.00	Rupees FourtyFive Only
38.00	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
39.00	Supplying,fitting and fixing approved brand P.V.C. connector white flexible, with both ends coupling with heavy brass C.P. nut, 15 mm dia. 450 mm long.	8.000	Nos	92.76	742.00	Rupees Seven Hundred FourtyTwo 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 approved brand 32 mm dia.P.V.C. waste pipe, with PVC coupling at one end fitted with necessary clamps. 900 mm long.	6.000	Nos	84.84	509.00	Rupees Five Hundred Nine Only
41.00	Supplying, fitting and fixing pillar cock of approved make. CP Pillar Cock - 15 mm. (Equivalent to Code No. 507 & Model - Tropical / Sumthing Special of ESSCO or similar brand).	4.000	Nos	627.82	2,511.00	Rupees Two Thousand Five Hundred Eleven Only
42.00	Renewing door of H.C.I. bend or junction with new bolts and nuts including taking out.	23.000	Set	95.02	2,185.00	Rupees Two Thousand One Hundred EightyFive Only
43.00	Removing chokage of H.C.I. or S.W. pipe with split bamboo.					
43.10	Underground	30.000	Meter	12.44	373.00	Rupees Three Hundred SeventyThree Only
43.20	Over ground	48.000	Meter	10.18	489.00	Rupees Four Hundred EightyNine Only
44.00	Dismantling E.P. or Anglo-Indian W.C.	2.000	Nos	50.90	102.00	Rupees One Hundred Two Only
45.00	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	3,511.24	7,022.00	Rupees Seven Thousand TwentyTwo Only
46.00	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) black.	2.000	Nos	419.68	839.00	Rupees Eight Hundred ThirtyNine Only
47.00	Cleaning silt of inspection pit.	12.000	Nos	174.20	2,090.00	Rupees Two Thousand Ninety Only
48.00	Dismantling & Refixing pit cover.	12.000	Nos	39.59	475.00	Rupees Four Hundred SeventyFive Only
49.00	Removing sludge from septic tank, soak well etc. by methor labour including disposal of the same outside the compound as directed. Upto 20 users:-Within a lead of 150 metre	2.000	Nos	2,171.90	4,344.00	Rupees Four Thousand Three Hundred FourtyFour Only
19.00	Cleaning soak pit by removing the top slab and replacing inner filling with jhama bats and repairing the pit as necessary including fitting the slab.	2.000	Nos	1,523.73	3,047.00	Rupees Three Thousand FourtySeven Only

Total 2,94,464.00

Rupees Two Lakh NinetyFour Thousand Four Hundred SixtyFour Only



Executive Engineer
Kolkata south-I Division
Housing directorate

SL.NO. 02

Probable items of specific priced schedule with approximate quantities in connection with the work Construction of Four storied working women hostel 76 nos. Single occupancy units at Ibrahimpur road jadavpur- Construction of Security Guard Kiosk by ACP & laying ply at all bed.

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
1.00	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete. Depth of excavation not exceeding 1,500 mm.	0.390	Cum	134.92	53.00	Rupees FiftyThree Only
2.00	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand.	4.020	Sqm	404.97	1,628.00	Rupees One Thousand Six Hundred TwentyEight Only
3.00	M.S. structural works with hollow sections (square or rectangular shape) conforming to IS: 806-1968 & IS:1161-1998) connected to one another with bracket, gusset, cleat as per design, drawing & direction of Engineer-in-Charge complete including cutting to requisite shape & size, fabrication including metal arc welding conforming to IS: 816-1969 & IS: 9595 using electrodes of approved make and brand conforming to IS:814- 2004, haulage, hoisting and erection all complete. For other Structural works like galleries etc.	0.314	M.T	69,713.59	21,890.00	Rupees TwentyOne Thousand Eight Hundred Ninety 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.	0.480	Cum	5,294.92	2,542.00	Rupees Two Thousand Five Hundred FourtyTwo Only
5.00	Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works. 25 mm to 30 mm thick wooden shuttering as per decision & direction of Engineer-In-Charge.	2.310	Sqm	378.95	875.00	Rupees Eight Hundred SeventyFive 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	Artificial stone in floor, dado, staircase etc with cement concrete (1:2:4) with stone chips, laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (1:2) including smooth finishing and rounding off corners including raking out joints or roughening of concrete surface and application of cement slurry before flooring works using cement @ 1.75 kg/sq.m all complete including all materials and labour. In ground floor. 3 mm. thick topping (High polishing grinding on this item is not permitted with ordinary cement). Using grey cement. 25 mm. thick.	3.300	Sqm	304.29	1,004.00	Rupees One Thousand Four Only
7.00	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:50mm long x 10mm dia. bolt.	2.000	Nos	49.77	100.00	Rupees One Hundred Only
8.00	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: 100 mm grip x 12 mm dia rod.	2.000	Nos	70.13	140.00	Rupees One Hundred Fourty Only
9.00	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.					
9.10	2- track sliding window					
9.11	Bottom frame	2.800	Meter	246.60	690.00	Rupees Six Hundred Ninety Only
9.12	Top and side frame	5.800	Meter	220.58	1,279.00	Rupees One Thousand Two Hundred SeventyNine Only
9.20	Shutter for all track sliding window.					
9.21	Bottom & Top member.	5.560	Meter	132.35	736.00	Rupees Seven 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>
9.22	Style side member	2.960	Meter	134.61	398.00	Rupees Three Hundred NinetyEight Only
9.23	Interlock member.	2.960	Meter	167.42	496.00	Rupees Four Hundred NinetySix Only
9.30	Fixed glazing.					
9.31	Top, bottom and side member.	2.100	Meter	363.12	763.00	Rupees Seven Hundred SixtyThree Only
9.33	Glazing clip.	1.860	Meter	56.56	105.00	Rupees One Hundred Five Only
9.40	Movable door shutter.					
9.41	Door frame. (Top & sides).	4.750	Meter	356.33	1,693.00	Rupees One Thousand Six Hundred NinetyThree Only
9.50	Shutter :					
9.51	Top rail.	0.750	Meter	343.88	258.00	Rupees Two Hundred FiftyEight Only
9.52	Bottom rail.	0.750	Meter	506.78	380.00	Rupees Three Hundred Eighty Only
9.53	Lock rail	0.750	Meter	426.46	320.00	Rupees Three Hundred Twenty Only
9.54	Door vertical.	4.000	Meter	375.56	1,502.00	Rupees One Thousand Five Hundred Two Only
9.55	Glazing cleap.	7.000	Meter	56.56	396.00	Rupees Three Hundred NinetySix Only
10.00	Labour charge for fabrication and installation of composite door, window, partitions made from annodized extruded alloy aluminium sections for the following units:-					

<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	Glazed aluminium sliding windows made of extruded and anodized alloy aluminium sections, 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 neoprene 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 Polysulphide 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. 2 track sliding window.					
10.11	2 track sliding window.	2.110	Sqm	787.32	1,661.00	Rupees One Thousand Six Hundred SixtyOne Only
10.12	Fixed glazing.	0.225	Sqm	868.76	195.00	Rupees One Hundred NinetyFive Only
10.20	Partly glazed partly panelled or fully glazed single leaf aluminium swing door made of extruded and anodized alloy aluminium sections, fabrication including cutting to proper shape and size, drilling and aligning, fitted with heavy duty hydraulic action floor spring placed in the floor with mending damages,with top pin assembly of approved make and brand, fitted with in built locking arrangement, flush bolt, glazing clips and all other necessary fittings, fixtures, adhesives and joineries, cutting glass of approved make to requisite shape and size fitting with dry set neoprene or EPDM gasketing, cutting to requisite shape and size panel board (prelaminated particle board) fixing them with glazing clips as per drawing, specification and direction of Engineer in charge.	1.500	Sqm	1,449.07	2,174.00	Rupees Two Thousand One Hundred SeventyFour Only
11.00	Supplying PVC rollers for sliding windows as per direction of Engineer in charge.	8.000	Nos	15.84	127.00	Rupees One Hundred TwentySeven Only
12.00	Supplying maruti lock (100mm)	4.000	Nos	52.04	208.00	Rupees Two Hundred Eight Only
13.00	Supplying EPDM gasket of approved make and brand as per direction of Engineer in charge. For sliding windows. 'U' shaped EPDM gasket for frames.	13.500	Meter	16.97	229.00	Rupees Two 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>
14.00	Supplying bubble free float glass of approved make and brand conforming to IS: 2835-1987. 4mm thick clear glass.	2.430	Sqm	450.22	1,094.00	Rupees One Thousand NinetyFour Only
15.00	Providing and fixing exterior quality Aluminium Composite Panel (ACP) wall cladding on existing Al. /MS frame work with GI brackets, ACP fixed on the existing frame work by folding the edges of ACP panel (Engraving the rear surface of ACP sheet) with CP angles, cleats and stainless Steel screws forming groves at the periphery of ACP panel. Such grooves filled with foam and silicon sealant etc. complete with all materials (but including the cost of silicon sealant), labour, scaffolding and all other incidental charges complete in all respect as per specification and direction of Engineer-in-charge. 3mm thick (0.25mm Al.+2.5mm LDPE +0.25mm Al. PVDF coating).	37.370	Sqm	2,252.22	84,165.00	Rupees EightyFour Thousand One Hundred SixtyFive Only
16.00	Supplying, Aluminium Grill with F channel frame of approved make and brand having ultimate tensile strength of 19 Kg/Sq.m. and modulus of elasticity 7000 kg/ sq.m., with 15 micron anodised fitted & fixed with necessary screws etc. complete as per direction of Engineer-in-charge. Grill made with 10 mm wide and 5.2 mm thick aluminium sheet having expansion width of 66.00 mm and weight not less than 3.26 Kg/Sq.m.	2.330	Sqm	1,777.12	4,141.00	Rupees Four Thousand One Hundred FourtyOne Only
17.00	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. 12mm					
17.10	In Ground Floor	30.780	Sqm	1,933.22	59,505.00	Rupees FiftyNine Thousand Five Hundred Five Only
17.20	In First Floor	29.160	Sqm	1,949.06	56,835.00	Rupees FiftySix Thousand Eight Hundred ThirtyFive Only
17.30	In Second Floor	30.780	Sqm	1,964.89	60,479.00	Rupees Sixty Thousand Four 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>
17.40	In Third Floor	32.400	Sqm	1,980.73	64,176.00	Rupees SixtyFour Thousand One Hundred SeventySix Only
Total					3,72,237.00	

Rupees Three Lakh SeventyTwo Thousand Two Hundred ThirtySeven Only



Executive Engineer
Kolkata south-I Division
Housing directorate

SL.NO. 03


Probable items of specific priced schedule with approximate quantities in connection with the Repairing of laying tiles and S & P works at Flat No. K/4 and K/2 of RHE Moore Avenue, Kolkata, during the year 2017-18. 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.	6.100	Sqm	21.49	131.00	Rupees One Hundred ThirtyOne Only
2.00	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. 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.	6.100	Sqm	1,246.58	7,604.00	Rupees Seven Thousand Six Hundred Four Only
3.00	Dismantling E.P. or Anglo-Indian W.C.	2.000	Nos	50.90	102.00	Rupees One Hundred Two Only
4.00	Supplying, fitting and fixing E.W.C. in white glazed vitreous chinaware of approved make complete in position with necessary bolts, nuts etc.					
4.10	white colour	1.000	Nos	1,607.44	1,607.00	Rupees One Thousand Six Hundred Seven Only
4.20	Sky blue colour	1.000	Nos	2,411.15	2,411.00	Rupees Two Thousand Four Hundred Eleven Only
5.00	Supplying, fitting and fixing Closet seat of approved make with lid and C.P. hinges, rubber buffer and brass screws complete.					
5.10	E.W.C. Plastic (hallow type) white	1.000	Nos	429.86	430.00	Rupees Four Hundred Thirty Only
5.20	E.W.C. Plastic (hallow type) Sky blue colour	1.000	Nos	644.78	645.00	Rupees Six Hundred FourtyFive Only
6.00	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

Sl. No.	Description of Item.	Quantity	Unit	Rate/Unit (Rs.)	Amount (Rs.)	
					In Figure	In Ward
7.00	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
8.00	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. 550 mm X 400 mm size.	1.000	Nos	1,564.45	1,564.00	Rupees One Thousand Five Hundred SixtyFour Only
9.00	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.	1.000	Nos	84.84	85.00	Rupees EightyFive Only
10.00	Supplying, fitting and fixing pillar cock of approved make.					
10.10	CP Pillar Cock - 15 mm. (Equivalent to Code No. 507 & Model - Tropical / Sumthing Special of ESSCO or similar brand).	1.000	Nos	627.82	628.00	Rupees Six Hundred TwentyEight Only
10.20	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).	4.000	Nos	2,780.49	11,122.00	Rupees Eleven Thousand One Hundred TwentyTwo Only
11.00	Supplying, fitting and fixing shower of approved brand and make. Hand Shower(Health Faucet) with 1mtr Flexible Tube with Wall Hook (Equivalent to Code No.573 & Model -ALLIED of Jaquar or similar).	4.000	Nos	1,415.13	5,661.00	Rupees Five Thousand Six Hundred SixtyOne Only
12.00	Supplying, fitting and fixing bib cock or stop cock. Chromium plated Stop Cock (Equivalent to Code No. 513(A) & 513(B) & Model - Tropical / Sumthing Special of ESSCO or similar brand).	2.000	Nos	557.68	1,115.00	Rupees One Thousand One Hundred Fifteen Only
13.00	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. 450 mm X 300 mm.	1.000	Nos	415.15	415.00	Rupees Four Hundred Fifteen Only
14.00	Supplying, fitting and fixing towel rail with two brackets. C.P. over brass. 25 mm dia. and 450 mm long.	4.000	Nos	434.38	1,738.00	Rupees One Thousand Seven Hundred ThirtyEight Only

Total 37,796.00

Rupees ThirtySeven Thousand Seven Hundred NinetySix Only



Executive Engineer
Kolkata south-I Division
Housing directorate

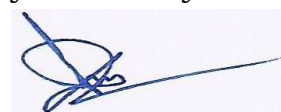
SL.NO. 04

Probable items of specific priced schedule with approximate quantities in connection with the emergent maintenance work of wood work and allied works and priming & painting of Block-J at MIG Tollygunge Homes Kolkata, during the year 2017-18. 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	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.	2.180	Sqm	142.53	311.00	Rupees Three Hundred Eleven Only
2.00	Shutters of 2/3rd panel and 1/3rd glazed of doors and windows as per design (each panel consisting of a single plank without joint and with ordinary glass of 7.4kg. Per sq.m./3mm thick) fitted with putty bed and teak wood beads and nails including fitting and fixing shutters in position but excluding the cost of glass, putty, teak bead, nails, hinges etc. and other fittings. 35mm thick shutters with 19mm thick panel. Sishu, Gamar, Champ.					
2.10	In ground floor.	0.970	Sqm	3,613.05	3,505.00	Rupees Three Thousand Five Hundred Five Only
2.20	In first floor.	1.350	Sqm	3,645.86	4,922.00	Rupees Four Thousand Nine Hundred TwentyTwo Only
3.00	Supplying best Indian sheet glass panes set in putty and fitted and fixed with nails and putty complete. (In all floors for internal wall & upto 6 m height for external wall) 3 mm thick (weighing 7.4 kg/Sq.m).	3.600	Sqm	539.58	1,942.00	Rupees One Thousand Nine Hundred FourtyTwo Only
4.00	Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	212.560	Sqm	42.99	9,137.00	Rupees Nine Thousand One Hundred ThirtySeven Only
5.00	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 timber or plastered surface : With super gloss (hi-gloss) -Two coats (with any shade except white).	212.560	Sqm	91.63	19,476.00	Rupees Nineteen Thousand Four Hundred SeventySix Only

Total 39,293.00

Rupees ThirtyNine Thousand Two Hundred NinetyThree Only



Executive Engineer
Kolkata south-I Division
Housing directorate

SL.NO. 05

Probable items of specific priced schedule with approximate quantities in connection with the emergent maintenance work at CHE Regent Park for reconstruction of existing damaged slab & beam of roof top tank, inside repair work of Flat No. 12/2, 5/6 and others, outside soil & waste water line repair and replacement with other allied works, during the year 2017-18. 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	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 3rd. Floor.	2.736	Cum	2,382.31	6,518.00	Rupees Six Thousand Five Hundred Eighteen Only
2.00	Stripping off worn out plaster and raking out joints of walls, celings etc. upto any height and in any floor including removing rubbish within a lead of 75m as directed.	37.265	Sqm	21.49	801.00	Rupees Eight Hundred One 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.	18.180	Sqm	56.56	1,028.00	Rupees One Thousand TwentyEight Only
4.00	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 3rd. Floor.	1.643	Cum	675.33	1,110.00	Rupees One Thousand One Hundred Ten Only
5.00	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand.	29.230	Sqm	404.97	11,837.00	Rupees Eleven Thousand Eight Hundred ThirtySeven Only
6.00	Brick work with 1st class bricks in cement mortar (1:6) In superstructure, In 3rd. Floor.	1.643	Cum	6,631.09	10,895.00	Rupees Ten Thousand Eight Hundred NinetyFive Only
7.00	Cement concrete with graded jhama khoa (30 mm size) excluding shuttering In ground floor and foundation.1:3:6 proportion.	0.214	Cum	5,171.85	1,107.00	Rupees One Thousand One Hundred Seven 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.	14.535	Sqm	355.20	5,163.00	Rupees Five Thousand One Hundred SixtyThree 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	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.	14.535	Sqm	99.55	1,447.00	Rupees One Thousand Four Hundred FourtySeven 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.					
10.10	With 1:6 cement mortar, 20 mm thick plaster					
10.11	In Ground Floor	22.730	Sqm	188.91	4,294.00	Rupees Four Thousand Two Hundred NinetyFour Only
10.12	In 3rd. Floor	17.520	Sqm	202.48	3,548.00	Rupees Three Thousand Five Hundred FourtyEight Only
10.20	With 1:4 cement mortar, 10 mm thick plaster					
10.21	In Ground Floor	14.535	Sqm	145.92	2,121.00	Rupees Two Thousand One Hundred TwentyOne Only
10.22	In 3rd. Floor	36.735	Sqm	159.50	5,859.00	Rupees Five Thousand Eight Hundred FiftyNine Only
11.00	Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works. 25 mm to 30 mm thick wooden shuttering as per decision & direction of Engineer-In-Charge. In 3rd. Floor.	22.785	Sqm	440.04	10,026.00	Rupees Ten Thousand TwentySix Only
12.00	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. Pakur Variety. In 3rd. Floor.	2.783	Cum	6,940.18	19,315.00	Rupees Nineteen Thousand Three 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>
13.00	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per drawing and direction. Tor steel/Mild Steel SAIL/ TATA/RINL. In 3rd. Floor	0.349	M.T	67,520.20	23,565.00	Rupees TwentyThree Thousand Five Hundred SixtyFive Only
14.00	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.	5.578	Cum	187.78	1,047.00	Rupees One Thousand FourtySeven Only
15.00	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete. Depth of excavation not exceeding 1,500 mm.	13.643	Cum	134.92	1,841.00	Rupees One Thousand Eight Hundred FourtyOne Only
16.00	Earth work in filling in foundation trenches or plinth with good earth, in layers not exceeding 150 mm. including watering and ramming etc. layer by layer complete. With earth obtained from excavation of foundation.	4.800	Cum	87.71	421.00	Rupees Four Hundred TwentyOne Only
17.00	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand.	3.668	Cum	1,059.04	3,885.00	Rupees Three Thousand Eight Hundred EightyFive Only
18.00	White washing including cleaning and smoothening surface thoroughly. All floors :Two coats (to be done on specific instruction).	152.610	Sqm	20.52	3,132.00	Rupees Three Thousand One Hundred ThirtyTwo Only
19.00	Colour washing with any shade with Stainers, as required including cleaning and smoothening surface thoroughly : Two coats (on new works only). Other than yellow, pink.	34.200	Sqm	23.14	792.00	Rupees Seven 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>
20.00	Artificial stone in floor, dado, staircase etc with cement concrete (1:2:4) with stone chips, laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (1:2) including smooth finishing and rounding off corners including raking out joints or roughening of concrete surface and application of cement slurry before flooring works using cement @ 1.75 kg/sq.m all complete including all materials and labour. In ground floor. 3 mm. thick topping (High polishing grinding on this item is not permitted with ordinary cement). Using grey cement . 25 mm. thick.	18.180	Sqm	304.29	5,532.00	Rupees Five Thousand Five Hundred ThirtyTwo Only
21.00	Dismantling H.C.I. pipe with fittings including melting lead caulked joints. 100 mm	35.000	Meter	72.40	2,534.00	Rupees Two Thousand Five Hundred ThirtyFour Only
22.00	Supplying & Labour for fitting and fixing of UPVC pipes (B Type) & fittings conforming to IS-13592-1992.					
22.10	Single Socketed 3 Meter Length, 110 mm	38.000	Meter	394.79	15,002.00	Rupees Fifteen Thousand Two Only
22.20	Fittings					
22.21	Plain Tee, 110 mm	8.000	Nos	96.15	769.00	Rupees Seven Hundred SixtyNine Only
22.22	Door Tee , 110 mm	5.000	Nos	220.58	1,103.00	Rupees One Thousand One Hundred Three Only
22.23	Bend 45°, 110 mm	8.000	Nos	100.68	805.00	Rupees Eight Hundred Five Only
22.24	Door Bend (T.S.), 110 mm	8.000	Nos	166.29	1,330.00	Rupees One Thousand Three Hundred Thirty Only
22.25	Cross Tee, 110 mm	2.000	Nos	210.40	421.00	Rupees Four Hundred TwentyOne Only
22.26	W.C. Connector (150 mm long) 125 X 110(W/WC Ring) 75 mm	10.000	Nos	160.63	1,606.00	Rupees One Thousand Six Hundred Six Only
22.27	Reducer 110 X 75 mm 75 mm	13.000	Nos	90.50	1,176.00	Rupees One Thousand One 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>
23.00	Supplying, fitting and fixing shower of approved brand and make. Chromium plated round shower with revolving joint (Equivalent to Code No. 541(N) & Model - Tropical / Sumthing Special of ESSCO or similar brand).	4.000	Nos	407.23	1,629.00	Rupees One Thousand Six Hundred TwentyNine 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)	3.000	Nos	609.72	1,829.00	Rupees One Thousand Eight Hundred TwentyNine Only
24.20	Chromium plated Stop Cock (Equivalent to Code No. 513(A) & 513(B) & Model - Tropical / Sumthing Special of ESSCO or similar	5.000	Nos	557.68	2,788.00	Rupees Two Thousand Seven Hundred EightyEight Only
24.30	PTMT (Polytetra Bib Cock / Stop Cock (Prayag or equivalent) 15 mm	7.000	Nos	174.20	1,219.00	Rupees One Thousand Two Hundred Nineteen Only
25.00	Supplying, fitting and fixing of PVC pipes & fittings Schedule 80 (medium duty) conforming to ASTMD - 1785 and threaded to match with GI Pipes as per IS : 1239 (Part - I). PVC Pipes (Dia)					
25.10	15 mm	1.900	Meter	98.41	187.00	Rupees One Hundred EightySeven Only
25.20	20 mm	20.650	Meter	124.43	2,570.00	Rupees Two Thousand Five Hundred Seventy Only
25.30	40 mm	35.600	Meter	276.01	9,826.00	Rupees Nine Thousand Eight Hundred TwentySix Only
25.40	Socket (Dia), 40 mm.	6.000	Nos	47.51	285.00	Rupees Two Hundred EightyFive Only
25.50	Elbow (Dia), 15 mm	2.000	Nos	14.71	29.00	Rupees TwentyNine Only
25.51	Elbow (Dia), 20 mm	5.000	Nos	20.36	102.00	Rupees One Hundred Two Only
25.52	Elbow (Dia), 40 mm	19.000	Nos	78.05	1,483.00	Rupees One Thousand Four Hundred EightyThree Only
25.60	Tee (Dia), 15 mm	1.000	Nos	15.84	16.00	Rupees Sixteen Only
25.70	Flange (Dia), 40 mm.	10.000	Nos	148.19	1,482.00	Rupees One Thousand Four 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>
25.80	Union (Dia), 40 mm.	7.000	Nos	138.01	966.00	Rupees Nine Hundred SixtySix Only
25.81	Union (Dia), 20 mm.	3.000	Nos	46.38	139.00	Rupees One Hundred ThirtyNine Only
25.82	Union (Dia), 15 mm.	2.000	Nos	31.67	63.00	Rupees SixtyThree Only
26.00	Supplying, fitting and fixing of G. I. pipes of TATA make including necessary sockets.					
26.10	40 mm dia. (ii) Medium quality	8.500	Meter	433.25	3,683.00	Rupees Three Thousand Six Hundred EightyThree Only
26.20	25 mm dia. (ii) Medium quality	4.500	Meter	324.65	1,461.00	Rupees One Thousand Four Hundred SixtyOne Only
27.00	Supplying, fitting and fixing of G.I. plug. 40 mm.	1.000	Nos	73.53	74.00	Rupees SeventyFour Only
28.00	Supplying, fitting and fixing of G.I. plain equal elbow of approved brand and make. 40 mm.	3.000	Nos	111.99	336.00	Rupees Three Hundred ThirtySix Only
29.00	Supplying & laying Double Wall Corrugated (with external annular corrugation and smooth internal walls) High Density Polyethelene Pipes conforming to IS 16098 (Part-II):2013 having Stiffness Class of SN 8 with Ring Stiffness not less than 8.00 KN/Sqm. and Impact Resistance TIR value not more than 10% including necessary jointing materials for non- pressure underground Drainage, Sewerage & Cross drainage application. 150mm internal dia.	9.100	Meter	475.10	4,323.00	Rupees Four Thousand Three Hundred TwentyThree Only
30.00	Renewing C.I. clamp for pipe including cutting hole in wall etc. and mending goods all damages.					
30.10	15 mm	2.000	Nos	28.28	57.00	Rupees FiftySeven Only
30.20	20 mm	2.000	Nos	32.80	66.00	Rupees SixtySix Only
30.30	40 mm	6.000	Nos	52.04	312.00	Rupees Three Hundred Twelve Only
30.40	100 mm	12.000	Nos	162.89	1,955.00	Rupees One Thousand Nine Hundred FiftyFive Only
31.00	Lowering G.I. tank (upto and including 1812 litre capacity).	1.000	Nos	675.33	675.00	Rupees Six Hundred SeventyFive 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	Labour for lowering plastic water storage tank and stacking in places as directed. Upto 1500 litre capacity.	2.000	Nos	164.02	328.00	Rupees Three Hundred TwentyEight Only
33.00	Labour for hoisting plastic water storage tank. Upto 1500 litre capacity.	2.000	Nos	254.52	509.00	Rupees Five Hundred Nine Only
34.00	Dismantling G.I. tank including disconnecting pipe connection.	1.000	Nos	130.09	130.00	Rupees One Hundred Thirty Only
35.00	Fixing G.I. tank in position including refitting pipe connection.	1.000	Nos	130.09	130.00	Rupees One Hundred Thirty Only
36.00	Supplying, fitting and fixing 10 litre P.V.C. low-down cistern conforming to I.S. specification with P.V.C. fittings complete,C.I. brackets including two coats of painting to bracket etc.	4.000	Nos	1,148.17	4,593.00	Rupees Four Thousand Five Hundred NinetyThree Only
37.00	Wash basin vitreous china of approved make (without fittings) supplied,fitted and fixed in position on 75mm X 75 mm X 75 mm wood blocks and C.I. brackets including two coats of painting of C.I. brackets. 550 mm X 400 mm size	2.000	Nos	1,564.45	3,129.00	Rupees Three Thousand One Hundred TwentyNine Only
38.00	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	3,715.99	7,432.00	Rupees Seven Thousand Four Hundred ThirtyTwo Only
39.00	Supplying,fitting and fixing approved brand P.V.C. connector white flexible, with both ends coupling with heavy brass C.P. nut, 15 mm dia. 450 mm long	8.000	Nos	92.76	742.00	Rupees Seven Hundred FourtyTwo Only
40.00	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
41.00	Supplying, fitting and fixing pillar cock of approved make. CP Pillar Cock - 15 mm. (Equivalent to Code No. 507 & Model - Tropical / Sumthing Special of ESSCO or similar brand).	2.000	Nos	627.82	1,256.00	Rupees One Thousand Two Hundred FiftySix Only
42.00	Refixing wash basin with brackets with or without waste fittings.	2.000	Nos	79.18	158.00	Rupees One Hundred FiftyEight Only
43.00	Supplying, fitting and fixing E.W.C. in white glazed vitreous chinaware of approved make complete in position with necessary bolts, nuts etc.With 'P' trap.	4.000	Nos	1,607.44	6,430.00	Rupees Six Thousand Four Hundred Thirty Only
44.00	Supplying, fitting and fixing Closet seat of approved make with lid and C.P. hinges, rubber buffer and brass screws complete. E.W.C. Plastic (hallow type) white.	4.000	Nos	429.86	1,719.00	Rupees One Thousand Seven 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>
45.00	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
46.00	Dismantling Indian W.C. including taking out base concrete as necessary.	4.000	Nos	50.90	204.00	Rupees Two Hundred Four Only
47.00	Foot rest for Indian pattern water closet. Dismantling	4.000	Nos	20.36	81.00	Rupees EightyOne Only
48.00	Cleaning and disinfecting upto 2000 litre Water Tank including masonry reservoir.	54.000	Nos	175.34	9,468.00	Rupees Nine Thousand Four Hundred SixtyEight Only
49.00	Removing sludge from septic tank, soak well etc. by methor labour including disposal of the same outside the compound as directed. Upto 30 users:- Beyond a lead of 150 metre and outside the Municipal limit	1.000	Nos	3,337.04	3,337.00	Rupees Three Thousand Three Hundred ThirtySeven Only
50.00	Removing chokage of H.C.I. or S.W. pipe with split bamboo. Underground.	35.000	Meter	12.44	436.00	Rupees Four Hundred ThirtySix Only
51.00	Cleaning silt of inspection pit.	21.000	Nos	174.20	3,658.00	Rupees Three Thousand Six Hundred FiftyEight Only
52.00	Wood work in door and window frame fitted and fixed in position complete including a protective coat of painting at the contact surface of the frame exluding cost of concrete, Iron Butt Hinges and M.S clamps.Sal : Malayasian	0.030	Cum	94,136.20	2,824.00	Rupees Two Thousand Eight Hundred TwentyFour Only
53.00	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark. 75mm. X 40mm. X 1.12mm.	12.000	Nos	31.67	380.00	Rupees Three Hundred Eighty Only
54.00	Supplying, fitting and fixing M.S. clamps for door and window frame made of flat bent bar, end bifurcated with necessary screws etc. by cement concrete(1:2:4) as per direction. 40mm X 6mm, 125mm Length	6.000	Nos	22.62	136.00	Rupees One Hundred ThirtySix Only
55.00	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 10mm dia. bolt..	4.000	Nos	71.27	285.00	Rupees Two Hundred EightyFive Only
56.00	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), 75 mm grip x 10 mm dia rod.	4.000	Nos	69.00	276.00	Rupees Two 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>
57.00	Supplying, fitting and fixing Godrej Multi Lock or equivalent .	2.000	Nos	153.84	308.00	Rupees Three Hundred Eight Only
58.00	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.	2.588	Cum	5,978.77	15,473.00	Rupees Fifteen Thousand Four Hundred SeventyThree Only
59.00	Labour for dismantling G.I. pipe with fittings. 40 mm.	18.000	Meter	9.05	163.00	Rupees One Hundred SixtyThree Only
60.00	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..	1.500	Sqm	2,197.92	3,297.00	Rupees Three Thousand Two Hundred NinetySeven Only
61.00	Supplying solid flush type doors of commercial quality, the timber frame consisting of top and bottom rails and side styles of well seasoned timber 65mm wide each and the entire frame fitted with 37.5mm wide battens places both ways in order to make the door of solid core and internal lipping with Garjan or similar wood veneers using phenol formaldehyde as glue etc. complete, including fitting, fixing shutters in position but excluding the cost of hinges and other fittings in ground floor. 32 mm thick shutters (single leaf).	1.692	Sqm	2,668.50	4,515.00	Rupees Four Thousand Five Hundred Fifteen Only

Total 2,59,853.00

Rupees Two Lakh FiftyNine Thousand Eight Hundred FiftyThree Only



Executive Engineer
Kolkata south-I Division
Housing directorate

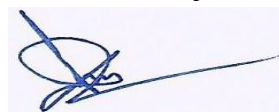
SL.NO. 06

Probable items of specific priced schedule with approximate quantities in connection with the maintenance work for removing of rubbish, filling by earth and dressing ground at Tollygunge Homes and 21, Baburum Ghosh Road RHE, 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	Clearing compound premises of shurbs, plants, jungles etc. by cutting and removing as directed.	1914.960	Sqm	12.44	23,828.00	Rupees TwentyThree Thousand Eight Hundred TwentyEight Only
2.00	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.	62.000	Cum	187.78	11,642.00	Rupees Eleven Thousand Six Hundred FourtyTwo Only
3.00	Earth work in filling in compound, tank, low land, ditches etc. with good earth, in layers not exceeding 150 mm. including breaking clods and consolidating the same by ramming and dressing complete. With carried earth arranged by the contractor within a radius exceeding 5 km. but not exceeding 10 km. including cost of carried earth.	134.290	Cum	579.58	77,832.00	Rupees SeventySeven Thousand Eight Hundred ThirtyTwo Only

Total 1,13,302.00

Rupees One Lakh Thirteen Thousand Three Hundred Two Only



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SL.NO. 07

Probable items of specific priced schedule with approximate quantities in connection with the urgent Maintenance work to RHE Lake Gardens such as plastering, flooring, wood work, white washing & some S & P works at vacant Flat No. V/12, V/13, J/8, G/6, N/8 and running Flat No. N/2, N/5, N/3, I/2, I/7, N/5, C/8, B/8, D/4, E/2 & O/8 total 16 Nos. Flat. during the year 2017-18. 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.	353.000	Sqm	21.49	7,587.00	Rupees Seven Thousand Five Hundred EightySeven Only
2.00	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.	60.000	Sqm	101.81	6,108.00	Rupees Six Thousand One Hundred Eight Only
3.00	Cleaning the exposed reinforcement preferably upto full diameter by wire brush, applying two coats of polymer based rust removing compound left for 24 hours, removing the coating and then applying two (2) coats of polymer modified anti corrosive protective coating formulated to inhibit the corrosion of reinforcement as per manufacturer's specification.	3.000	Sqm	884.60	2,654.00	Rupees Two Thousand Six Hundred FiftyFour 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.	60.000	Sqm	99.55	5,973.00	Rupees Five Thousand Nine Hundred SeventyThree 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.					
5.10	25 mm thick.	60.000	Sqm	355.20	21,312.00	Rupees TwentyOne Thousand Three Hundred Twelve Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
5.20	35 mm thick.	60.000	Sqm	434.38	26,063.00	Rupees TwentySix Thousand SixtyThree Only
6.00	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.	14.450	Sqm	56.56	817.00	Rupees Eight Hundred Seventeen Only
7.00	Artificial stone in floor, dado, staircase etc with cement concrete (1:2:4) with stone chips, laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (1:2) including smooth finishing and rounding off corners including raking out joints or roughening of concrete surface and application of cement slurry before flooring works using cement @ 1.75 kg/sq.m all complete including all materials and labour. 3 mm. thick topping (High polishing grinding on this item is not permitted with ordinary cement). Using grey cement. 25 mm. thick.	14.450	Sqm	304.29	4,397.00	Rupees Four Thousand Three Hundred NinetySeven Only
8.00	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary.					
8.10	With 1:4 cement mortar, 10 mm thick plaster.	120.000	Sqm	145.92	17,511.00	Rupees Seventeen Thousand Five Hundred Eleven Only
8.20	With 1:6 cement mortar, 20 mm thick plaster.	293.000	Sqm	188.91	55,351.00	Rupees FiftyFive Thousand Three Hundred FiftyOne Only
9.00	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	30.142	Sqm	134.61	4,057.00	Rupees Four Thousand FiftySeven Only
10.00	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.	21.740	Sqm	142.53	3,099.00	Rupees Three Thousand NinetyNine Only
11.00	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.	0.327	Cum	87,861.44	28,731.00	Rupees TwentyEight Thousand Seven 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>
12.00	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. 35 mm thick shutters. Sishu, Gamar, Champ.	0.715	Sqm	3,113.06	2,226.00	Rupees Two Thousand Two Hundred TwentySix Only
13.00	Shutters of 2/3rd panel and 1/3rd glazed of doors and windows as per design (each panel consisting of a single plank without joint and with ordinary glass of 7.4kg. Per sq.m./3mm thick) fitted with putty bed and teak wood beads and nails including fitting and fixing shutters in position but excluding the cost of glass, putty, teak bead, nails, hinges etc. and other fittings. 35mm thick shutters with 19mm thick panel. Sishu, Gamar, Champ.	1.650	Sqm	3,613.05	5,962.00	Rupees Five Thousand Nine Hundred SixtyTwo Only
14.00	Panel shutters of door and window, as per design (each panel consisting of single plank without joint), including fitting and fixing the same in position but excluding the cost of hinge and other fittings. 35mm thick shutters with 19mm thick panel of size 30 to 45 cm. Sishu, Gamar, Champ.	2.470	Sqm	3,334.78	8,237.00	Rupees Eight Thousand Two Hundred ThirtySeven Only
15.00	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.	25.000	Nos	111.99	2,800.00	Rupees Two Thousand Eight Hundred Only
16.00	Easing door and windows.	24.000	Nos	19.23	462.00	Rupees Four Hundred SixtyTwo Only
17.00	Renewing M.S. clamps for door and window frame made of flat bent bar, end bifurcated with necessary screws etc. In cement concrete(1:2:4) including cutting of brick work/concrete work as per direction.					
17.10	40mm X 6mm, 250mm Length.	48.000	Nos	53.17	2,552.00	Rupees Two Thousand Five Hundred FiftyTwo Only
17.20	40mm X 6mm, 125mm Length	32.000	Nos	42.99	1,376.00	Rupees One Thousand Three Hundred SeventySix Only
18.00	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark.					
18.10	75mm. X 47mm. X 1.70mm.	32.000	Nos	35.07	1,122.00	Rupees One Thousand One 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>
18.20	100mm. X 58mm. X 1.90mm.	48.000	Nos	53.17	2,552.00	Rupees Two Thousand Five Hundred FiftyTwo Only
19.00	Iron socket bolt of approved quality fitted and fixed complete.					
19.10	150mm long x 10mm dia bolt.	8.000	Nos	71.27	570.00	Rupees Five Hundred Seventy Only
19.20	100mm long x 10mm dia bolt.	11.000	Nos	45.25	498.00	Rupees Four Hundred NinetyEight Only
20.00	Supplying best Indian sheet glass panes set in putty and fitted and fixed with nails and putty complete. (In all floors for internal wall & upto 6 m height for external wall) 3 mm thick (weighing 7.4 kg/Sq.m)	1.200	Nos	539.58	647.00	Rupees Six Hundred FourtySeven Only
21.00	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.	221.217	Sqm	23.76	5,255.00	Rupees Five Thousand Two Hundred FiftyFive Only
22.00	Rendering the surface of walls and ceiling with white cement based wall putty of approved make and brand(1.5mm thick)	221.217	Sqm	124.43	27,526.00	Rupees TwentySeven Thousand Five Hundred TwentySix Only
23.00	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 Water based interior grade Acrylic Primer.	221.217	Sqm	34.84	7,707.00	Rupees Seven Thousand Seven Hundred Seven Only
24.00	Acrylic Distemper to interior wall, ceiling with a coat of solvent based interior grade acrylic primer (as per manufacturer's specification) including cleaning and smoothening of surface. Two Coats.	221.217	Sqm	79.18	17,517.00	Rupees Seventeen Thousand Five Hundred Seventeen Only
25.00	White washing including cleaning and smoothening surface thoroughly. All floors :Two coats	2602.732	Sqm	20.52	53,408.00	Rupees FiftyThree Thousand Four Hundred Eight Only
26.00	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 timber or plastered surface : With super gloss (hi-gloss) -Two coats (with any shade except white).	66.282	Sqm	91.63	6,073.00	Rupees Six Thousand SeventyThree 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	Supplying, fitting and fixing stainless steel sink complete with waste fittings and two coats of painting of C.I. brackets. Sink only. 630 mm X 550 mm X 180 mm	3.000	Nos	4,284.99	12,855.00	Rupees Twelve Thousand Eight Hundred FiftyFive Only
28.00	Dismantling sink with brackets with or without waste fittings. Above 450 mm and upto 600 mm length.	3.000	Nos	58.82	176.00	Rupees One Hundred SeventySix Only
29.00	Supplying, fitting and fixing Closet seat of approved make with lid and C.P. hinges, rubber buffer and brass screws complete.					
29.10	E.W.C. Plastic (hallow type) black	2.000	Nos	341.62	683.00	Rupees Six Hundred EightyThree Only
29.20	Anglo Indian, Plastic (hallow type) black.	2.000	Nos	419.68	839.00	Rupees Eight Hundred ThirtyNine 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.). 40 mm dia.	1.000	Nos	1,861.96	1,862.00	Rupees One Thousand Eight Hundred SixtyTwo Only
31.00	Supplying, fitting and fixing shower of approved brand and make. Polythene overhead shower of approved make. 15 mm X 125 mm	30.000	Nos	174.20	5,226.00	Rupees Five Thousand Two Hundred TwentySix Only
32.00	Supplying, fitting and fixing bib cock or stop cock. PTMT (Polytetra Bib Cock / Stop Cock (Prayag or equivalent) 15 mm.	66.000	Nos	174.20	11,498.00	Rupees Eleven Thousand Four Hundred NinetyEight Only
33.00	Supplying, fitting and fixing pillar cock of approved make.CP Pillar Cock - 15 mm. (Equivalent to Code No. 507 & Model - Tropical / Sumthing Special of ESSCO or similar brand).	4.000	Nos	627.82	2,511.00	Rupees Two Thousand Five Hundred Eleven Only

Total 3,65,800.00

Rupees Three Lakh SixtyFive Thousand Eight Hundred 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 repair and maintenance work for new allotment of the flat no. B-1, I-5, etc. & others flats at Ibrahimpur Road RHE, Kolkata-700032 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	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.	23.925	Sqm	101.81	2,436.00	Rupees Two Thousand Four Hundred ThirtySix Only
2.00	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.	23.925	Sqm	99.55	2,382.00	Rupees Two Thousand Three Hundred EightyTwo Only
3.00	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.	23.925	Sqm	355.20	8,498.00	Rupees Eight Thousand Four Hundred NinetyEight 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.	157.640	Sqm	21.49	3,388.00	Rupees Three Thousand Three Hundred EightyEight Only
5.00	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.					
5.10	In Ground Floor.	3.380	Sqm	562.21	1,900.00	Rupees One Thousand Nine Hundred Only
5.20	In First Floor.	1.150	Sqm	589.36	678.00	Rupees Six Hundred SeventyEight 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	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.					
6.10	Wall, With Polymerised Adhesive and Epoxy grout pointing including spacer- 2 mm (When Tiles are laid over existing hard ready surface. Area of each tile above 0.09 Sq.m [using adhesive 4.5 mm thick], Coloured decorative.	4.330	Sqm	1,294.09	5,603.00	Rupees Five Thousand Six Hundred Three 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.	164.920	Sqm	188.91	31,155.00	Rupees ThirtyOne Thousand One Hundred FiftyFive Only
7.12	In First Floor.	2.550	Sqm	197.96	505.00	Rupees Five Hundred Five Only
7.20	With 1:4 cement mortar, 10 mm thick plaster.					
7.21	In Ground Floor.	19.270	Sqm	145.92	2,812.00	Rupees Two Thousand Eight Hundred Twelve Only
7.22	In First Floor.	6.360	Sqm	154.97	986.00	Rupees Nine Hundred EightySix Only
8.00	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.					
8.10	In Second Floor.	3.750	Sqm	70.13	263.00	Rupees Two Hundred SixtyThree Only
8.20	In Third Floor.	3.750	Sqm	76.92	288.00	Rupees Two 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>
9.00	Artificial stone in floor, dado, staircase etc with cement concrete (1:2:4) with stone chips, laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (1:2) including smooth finishing and rounding off corners including raking out joints or roughening of concrete surface and application of cement slurry before flooring works using cement @ 1.75 kg/sq.m all complete including all materials and labour. In ground floor. 3 mm. thick topping (High polishing grinding on this item is not permitted with ordinary cement). Using grey cement. 25 mm. thick.					
9.10	In Second Floor.	3.750	Sqm	313.43	1,175.00	Rupees One Thousand One Hundred SeventyFive Only
9.20	In Third Floor.	3.750	Sqm	318.00	1,193.00	Rupees One Thousand One Hundred NinetyThree Only
10.00	Neat cement punning about 1.5mm thick in wall,dado,window sill,floor etc.	26.110	Sqm	38.46	1,004.00	Rupees One Thousand Four Only
11.00	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.	0.013	Cum	87,861.44	1,142.00	Rupees One Thousand One Hundred FourtyTwo Only
12.00	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark. 100mm. X 50mm. X 1.25mm.	12.000	Nos	48.64	584.00	Rupees Five Hundred EightyFour 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: 200mm long x 10mm dia. bolt.	6.000	Nos	88.23	529.00	Rupees Five Hundred TwentyNine Only
14.00	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). 150 mm grip x 12 mm dia rod.	6.000	Nos	125.56	753.00	Rupees Seven Hundred FiftyThree Only
15.00	Anodised aluminium Aldrop / Sliding bolts of approved quality manufactured from extruded section conforming to I.S. specification (I.S. 2681/66) fitted and fixed complete. 300mm x 16mm dia. bolt.	2.000	Nos	261.31	523.00	Rupees Five Hundred TwentyThree Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
16.00	Easing door and windows.	18.000	Nos	19.23	346.00	Rupees Three Hundred FortySix Only
17.00	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.					
17.10	In Ground Floor.	4.860	Sqm	726.23	3,529.00	Rupees Three Thousand Five Hundred TwentyNine Only
17.20	In Second Floor.	1.260	Sqm	753.38	949.00	Rupees Nine Hundred FortyNine Only
18.00	Supplying fitting and fixing in position approved P.V.C. door frame (Matt finish) made of extruded P.V.C. multichamber hollow section having dimensions 60mm x 50mm x 2mm (+/- 0.2mm), horizontal section will be joined with vertical section by galvanised steel screws...	4.370	Meter	315.60	1,379.00	Rupees One Thousand Three Hundred SeventyNine Only
19.00	PVC Door Shutter-30 mm thick: Supplying fitting and fixing P.V.C. door shutter of approved quality & shade in position, the style & rail of the P.V.C. door shutter will be made of rigid P.V.C. multicavity hollow chamber of 59 mm x30 mm section with 2.0 mm (+/-0.2 mm) wall thickness. Horizontal & vertical section shall be fixed to each other by self tapping screws.....	1.050	Sqm	2,406.06	2,526.00	Rupees Two Thousand Five Hundred TwentySix Only
20.00	Supplying best Indian sheet glass panes set in putty and fitted and fixed with nails and putty complete. (In all floors for internal wall & upto 6 m height for external wall) 3 mm thick (weighing 7.4 kg/Sq.m).	0.900	Sqm	539.58	486.00	Rupees Four Hundred EightySix Only
21.00	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per drawing and direction. For works in foundation, basement and upto roof of ground floor/upto 4 m. Tor steel/Mild Steel. SAIL/ TATA/RINL.	0.007	M.T	65,891.27	461.00	Rupees Four 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>
22.00	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. Pakur Variety.	0.167	Cum	6,585.98	1,100.00	Rupees One Thousand One Hundred Only
23.00	Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works.					
23.10	25 mm to 30 mm thick wooden shuttering as per decision & direction of Engineer-In-Charge.	1.980	Sqm	378.95	750.00	Rupees Seven Hundred Fifty Only
24.00	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand.	42.840	Sqm	404.97	17,349.00	Rupees Seventeen Thousand Three Hundred FourtyNine Only
25.00	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.	3.213	Cum	5,957.96	19,143.00	Rupees Nineteen Thousand One Hundred FourtyThree Only
26.00	Labour for dismantling G.I. pipe with fittings.					
26.10	15 mm	21.360	Meter	6.79	145.00	Rupees One Hundred FourtyFive Only
26.20	20 mm	12.770	Meter	6.79	87.00	Rupees EightySeven Only
27.00	Supplying, fitting and fixing pillar cock of approved make. PTMT Pillar Cock - 15 mm. (Prayag or equivalent).	2.000	Nos	251.13	502.00	Rupees Five Hundred Two Only
28.00	Supply of PVC pipes & fittings Schedule 80 (medium duty) conforming to ASTM D - 1785 and threaded to match with GI Pipes as per IS : 1239 (Part - I). PVC Pipes.					
28.10	15 mm Dia.	21.360	Meter	69.00	1,474.00	Rupees One Thousand Four Hundred SeventyFour Only
28.20	20 mm Dia.	12.770	Meter	93.89	1,199.00	Rupees One Thousand One Hundred NinetyNine Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
29.00	Labour for fitting and fixing G.I. pipes above ground (exposed) in structures with holder bat clamps including cost of jointing materials, holder bat clamps etc.,as necessary, including cutting pipe, making threads etc. complete in all respect with two coats of painting with approved paint any height.					
29.10	15 mm Dia.	21.360	Meter	52.04	1,111.00	Rupees One Thousand One Hundred Eleven Only
29.20	20 mm Dia.	12.770	Meter	59.95	766.00	Rupees Seven Hundred SixtySix Only
30.00	Supplying, fitting and fixing shower of approved brand and make. Polythene overhead shower of approved make.15 mm X 125 mm.	1.000	Nos	174.20	174.00	Rupees One Hundred SeventyFour Only
31.00	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
32.00	Dismantling Indian W.C. including taking out base concrete as necessary.	2.000	Nos	50.90	102.00	Rupees One Hundred Two Only
33.00	Supplying, fitting and fixing bib cock or stop cock. PTMT (Polytetra Bib Cock / Stop Cock (Prayag or equivalent) 15 mm	11.000	Nos	174.20	1,916.00	Rupees One Thousand Nine Hundred Sixteen Only
34.00	Supplying, fitting and fixing E.W.C. in white glazed vitreous chinaware of approved make complete in position with necessary bolts, nuts etc. With 'P' trap.	1.000	Nos	1,607.44	1,607.00	Rupees One Thousand Six Hundred Seven 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 without vent.	1.000	Nos	3,482.96	3,483.00	Rupees Three Thousand Four Hundred EightyThree Only
36.00	Supplying, fitting and fixing Closet seat of approved make with lid and C.P. hinges, rubber buffer and brass screws complete.					
36.10	E.W.C. Plastic (hallow type) black.	1.000	Nos	341.62	342.00	Rupees Three Hundred FourtyTwo Only
36.20	Anglo Indian. Plastic (hallow type) black.	1.000	Nos	419.68	420.00	Rupees Four Hundred Twenty Only
37.00	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

<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>
38.00	Supplying, fitting and fixing of UPVC pipes (B Type) & fittings conforming to IS-13592-1992					
38.10	Double Socketed 0.60 Meter Length. 110 mm.	3.000	Meter	445.69	1,337.00	Rupees One Thousand Three Hundred ThirtySeven Only
38.20	Fittings.					
38.21	W.C. Connector (450 mm long) W / lipring 75 mm	2.000	Nos	313.34	627.00	Rupees Six Hundred TwentySeven Only
38.22	Door Tee, 110 mm	2.000	Nos	220.58	441.00	Rupees Four Hundred FourtyOne Only
38.23	Bend 87.5°, 110 mm	2.000	Nos	135.74	271.00	Rupees Two Hundred SeventyOne Only
38.24	Door Bend (T.S.), 110 mm	1.000	Nos	166.29	166.00	Rupees One Hundred SixtySix Only
38.25	110 X 110 S Trap, 75 mm	3.000	Nos	490.94	1,473.00	Rupees One Thousand Four Hundred SeventyThree Only
39.00	White washing including cleaning and smoothening surface thoroughly. All floors : Two coats.	2926.300	Sqm	20.52	60,048.00	Rupees Sixty Thousand FourtyEight Only
40.00	Washing and cleaning with oxalic acid powder using 33 gms./sq.m. Floor/ dado other than marble.	555.510	Sqm	6.24	3,469.00	Rupees Three Thousand Four Hundred SixtyNine 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 direction of Engineer in charge.	5.240	Sqm	187.78	984.00	Rupees Nine Hundred EightyFour Only
Total					2,00,739.00	

Rupees Two Lakh Seven Hundred ThirtyNine Only



Executive Engineer
Kolkata south-I Division
Housing directorate

SL.NO. 09

Probable items of specific priced schedule with approximate quantities in connection with the repair and maintenance work for new allotment & others flats at Baburam Ghosh Road RHE, 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	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.	63.104	Sqm	101.81	6,424.00	Rupees Six Thousand Four Hundred TwentyFour Only
2.00	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	63.104	Sqm	99.55	6,282.00	Rupees Six Thousand Two Hundred EightyTwo Only
3.00	Cement concrete (1:1.5:3) with graded stone chips 5.6 mm size with hexagonal square mesh wire netting, I.R.C. fabric mesh or X.P. M. fitted and fixed after tying the existing reinforcement on concrete without distributing the same and with proper scarping and cleaning the reinforcement and disturbed concrete with wire brush etc. after applying a coat of cement including the cost of wire netting I.R.C or X. P. M. & cost of all handling and scaffolding complete as per direction of Engineer-in -charge. 25 mm thick.	63.104	Sqm	355.20	22,414.00	Rupees TwentyTwo Thousand Four Hundred Fourteen 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.	84.860	Sqm	21.49	1,824.00	Rupees One Thousand Eight Hundred TwentyFour Only
5.00	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per drawing and direction. For works in foundation, basement and upto roof of ground floor/upto 4 m. Tor steel/Mild Steel. Other than SAIL/ TATA/RINL.	0.044	M.T	63,093.81	2,776.00	Rupees Two Thousand Seven 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>
6.00	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in first floor as per relevant IS codes. Pakur Variety.	0.281	Cum	6,627.53	1,862.00	Rupees One Thousand Eight Hundred SixtyTwo Only
7.00	Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works. 25 mm to 30 mm thick wooden shuttering as per decision & direction of Engineer-In-Charge. in first floor.	1.500	Sqm	378.95	568.00	Rupees Five Hundred SixtyEight Only
8.00	Plaster (to wall, floor, ceiling etc.) with sand and cement mortarm including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary.					
8.10	With 1:6 cement mortar, 20 mm thick plaster					
8.12	In First Floor.	10.240	Sqm	193.44	1,981.00	Rupees One Thousand Nine Hundred EightyOne Only
8.13	In Second Floor.	38.200	Sqm	197.96	7,562.00	Rupees Seven Thousand Five Hundred SixtyTwo Only
8.14	In Third Floor.	36.420	Sqm	202.48	7,374.00	Rupees Seven Thousand Three Hundred SeventyFour Only
8.20	With 1:4 cement mortar, 10 mm thick plaster					
8.21	In First Floor.	6.050	Sqm	150.45	910.00	Rupees Nine Hundred Ten Only
8.22	In Second Floor.	33.030	Sqm	154.97	5,119.00	Rupees Five Thousand One Hundred Nineteen Only
8.23	In Third Floor.	24.030	Sqm	159.50	3,833.00	Rupees Three Thousand Eight Hundred ThirtyThree 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.					

<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>
9.10	In Ground Floor	4.860	Sqm	56.56	275.00	Rupees Two Hundred SeventyFive Only
9.20	In Second Floor.	4.250	Sqm	70.13	298.00	Rupees Two Hundred NinetyEight Only
10.00	Artificial stone in floor, dado, staircase etc with cement concrete (1:2:4) with stone chips, laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (1:2) including smooth finishing and rounding off corners including raking out joints or roughening of concrete surface and application of cement slurry before flooring works using cement @ 1.75 kg/sq.m all complete including all materials and labour. In ground floor. 3 mm. thick topping (High polishing grinding on this item is not permitted with ordinary cement). Using grey cement. 25 mm. thick.					
10.10	In Ground Floor	4.860	Sqm	304.29	1,479.00	Rupees One Thousand Four Hundred SeventyNine Only
10.20	In Second Floor.	4.250	Sqm	313.42	1,332.00	Rupees One Thousand Three Hundred ThirtyTwo Only
11.00	Neat cement punning about 1.5mm thick in wall,dado>window sill,floor etc.	1.080	Sqm	38.46	42.00	Rupees FourtyTwo Only
12.00	Iron socket bolt of approved quality fitted and fixed complete. 225mm long x 10mm dia bolt.	6.000	Nos	87.10	523.00	Rupees Five Hundred TwentyThree Only
13.00	Iron door handle of approved quality fitted and fixed complete:150mm x 5.5mm.	5.000	Nos	56.56	283.00	Rupees Two Hundred EightyThree Only
14.00	Taking out old iron higes and fitting, fixing the same with new steel screws. 100mm. Long butt hinge.	35.000	Nos	18.10	633.00	Rupees Six Hundred ThirtyThree 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.	1.080	Sqm	134.61	145.00	Rupees One Hundred FourtyFive Only
16.00	Wood work in door and window frame fitted and fixed in position complete including a protective coat of painting at the contact surface of the frame exluding cost of concrete, Iron Butt Hinges and M.S clamps. Sal : Local. In Fourth Floor.	0.005	Cum	88,766.40	444.00	Rupees Four 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>
17.00	Styles and rails of wooden shutters fitted and fixed complete. For 25mm. Thick shutter. Sishu, Gamar, Champ.	0.576	Sqm	1,985.26	1,144.00	Rupees One Thousand One Hundred FourtyFour Only
18.00	Taking out door and window shutters and rehangng the same with old fittings. With new iron screws.	25.200	Sqm	88.23	2,223.00	Rupees Two Thousand Two Hundred TwentyThree Only
19.00	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark. 100mm. X 58mm. X 1.90mm.	36.000	Nos	53.17	1,914.00	Rupees One Thousand Nine Hundred Fourteen Only
20.00	Easing door and windows.	36.000	Nos	19.23	692.00	Rupees Six Hundred NinetyTwo Only
21.00	Supplying fitting and fixing P.V.C. door shutter of approved quality & shade in position, the style & rail of the P.V.C. door shutter will be made of rigid P.V.C. multicavity hollow chamber of 59 mm x30 mm section with 2.0 mm (+/-0.2 mm) wall thickness.Horizontal & vertical section shall be fixed to each other by self tapping screws...	1.140	Sqm	2,406.06	2,743.00	Rupees Two Thousand Seven Hundred FourtyThree Only
22.00	Washing & cleaning the wall surface & ceiling by soft detergent powder & soft water & render the surface free of dust, stain etc.	1172.520	Sqm	9.05	10,611.00	Rupees Ten Thousand Six Hundred Eleven Only
23.00	White washing including cleaning and smoothening surface thoroughly. All floors : Two coats.	1172.520	Sqm	20.52	24,060.00	Rupees TwentyFour Thousand Sixty Only
24.00	Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	5.620	Sqm	42.99	242.00	Rupees Two Hundred FourtyTwo Only
25.00	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 timber or plastered surface : With super gloss (hi-gloss) -Two coats (with any shade except white)	118.250	Sqm	91.63	10,835.00	Rupees Ten Thousand Eight Hundred ThirtyFive Only
26.00	Washing and cleaning with oxalic acid powder using 33 gms./sq.m. Floor/ dado other than marble.	415.550	Sqm	6.24	2,595.00	Rupees Two Thousand Five Hundred NinetyFive Only
27.00	Door stopper.(Brass)	1.000	Nos	132.35	132.00	Rupees One Hundred ThirtyTwo Only
28.00	Hydraulic door closer of approved quality as per I.S.I. standard fitted and fixed complete. Godrej Hydraulic door closer fitted and fixed complete. Medium type.	2.000	Nos	1,883.45	3,767.00	Rupees Three Thousand Seven Hundred SixtySeven Only

Sl. No.	Description of Item.	Quantity	Unit	Rate/Unit (Rs.)	Amount (Rs.)	
					In Figure	In Ward
29.00	Spplying profiles of required section made of Aluminium Alloy Extrusions conforming to IS 733-1983 and Is: 1285- 1975; Annodized (with required film thickness and specified color / natural) matt finished conformating 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					
29.10	2- track sliding window					
29.11	Bottom frame	4.720	Meter	246.60	1,164.00	Rupees One Thousand One Hundred SixtyFour Only
29.12	Top and side frame., top	9.560	Meter	220.58	2,109.00	Rupees Two Thousand One Hundred Nine Only
29.20	Shutter for all track sliding window .					
29.21	Bottom & Top member	9.480	Meter	132.35	1,255.00	Rupees One Thousand Two Hundred FiftyFive Only
29.22	Style side member.	4.840	Meter	134.61	652.00	Rupees Six Hundred FiftyTwo Only
29.23	Interlock member.	4.840	Meter	167.42	810.00	Rupees Eight Hundred Ten Only
29.24	Glazing cleap.	14.280	Meter	56.56	808.00	Rupees Eight Hundred Eight Only
30.00	Labour charge for fabrication and installation of composite door , window , partition made from annodized extruded alloy aluminium section for Glazed aluminium window made of extruded and annodized alloy aluminium sections, fabrication including cutting to proper shaped and size, drilling and aligning of window shutter faramd fitted with in built locking arrangements etc, etc.	2.675	Sqm	787.32	2,106.00	Rupees Two Thousand One Hundred Six Only
31.00	supplying PVC rollers for sliding window as per direction of Engineer -in -Charge	16.000	Nos	15.84	253.00	Rupees Two Hundred FiftyThree Only
32.00	Supplying maruti lock (100 mm)	4.000	Pair	52.04	208.00	Rupees Two Hundred Eight Only
33.00	Supplying EPDM gasket of approved make and brand as per direction of Engineer - in - Charge. For sliding windows, 'U' shaped EPDM gasket for frames.	14.280	Meter	16.97	242.00	Rupees Two Hundred FourtyTwo 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 bubble free float glass of approved make and brand conforming to IS:2835 - 1987. 4mm thick clear glass.	2.350	Sqm	450.22	1,058.00	Rupees One Thousand FiftyEight Only
35.00	Supplying, Aluminium Grill with F channel frame of approved make and brand having ultimate tensile strength of 19 Kg/Sq.m. and modulus of elasticity 7000 kg/ sq.m., with 15 micron anodised fitted & fixed with necessary screws etc. complete as per direction of Engineer-in-charge. Grill made with 10 mm wide and 5.2 mm thick aluminium sheet having expansion width of 66.00 mm and weight not less than 3.26 Kg/Sq.m.	2.680	Sqm	1,777.12	4,763.00	Rupees Four Thousand Seven Hundred SixtyThree Only
36.00	Labour for dismantling G.I. pipe with fittings.					
36.10	15 mm	104.600	Meter	6.79	710.00	Rupees Seven Hundred Ten Only
36.20	20 mm	100.000	Meter	6.79	679.00	Rupees Six Hundred SeventyNine Only
36.30	40 mm	19.200	Meter	9.05	174.00	Rupees One Hundred SeventyFour Only
37.00	Refixing G.I. pipe with fittings after cleaning where necessary.					
37.10	15 mm	60.850	Meter	6.79	413.00	Rupees Four Hundred Thirteen Only
37.20	20 mm	58.800	Meter	6.79	399.00	Rupees Three Hundred NinetyNine Only
37.30	40 mm	19.200	Meter	10.18	195.00	Rupees One Hundred NinetyFive Only
38.00	Removing chokage in G.I. pipe including cleaning pipe.					
38.10	15 mm	60.850	Meter	7.92	482.00	Rupees Four Hundred EightyTwo Only
38.20	20 mm	58.800	Meter	7.92	466.00	Rupees Four Hundred SixtySix Only
38.30	40 mm	19.200	Meter	10.18	195.00	Rupees One Hundred NinetyFive Only
39.00	Opening out leaky water supply pipe and making the joints water tight. Upto 40 mm dia.	9.000	Nos	66.74	601.00	Rupees Six Hundred One Only
40.00	Cutting out pipe and making threads. Upto 20 mm dia.	15.000	Nos	10.18	153.00	Rupees One Hundred FiftyThree Only
41.00	Supplying fitting and fixing of G.I. pipes of TATA make including necessary sockets. 15 mm dia. Light quality .	0.900	Meter	188.91	170.00	Rupees One Hundred Seventy Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
42.00	Supplying fitting and fixing of long screw (150 mm long) of TATA make with sockets.					
42.10	20 mm	6.000	Nos	58.82	353.00	Rupees Three Hundred FiftyThree Only
42.20	40 mm	4.000	Nos	122.17	489.00	Rupees Four Hundred EightyNine Only
43.00	Supplying fitting and fixing of G.I. short piece of TATA make (Above 50mm & upto150 mm)					
43.10	15 mm	1.000	Nos	59.95	60.00	Rupees Sixty Only
43.20	20 mm	5.000	Nos	64.48	322.00	Rupees Three Hundred TwentyTwo Only
43.30	40 mm	4.000	Nos	126.69	507.00	Rupees Five Hundred Seven Only
44.00	Supplying fitting and fixing of galvanised iron socket with I.S.I. mark.					
44.10	15 mm	5.000	Nos	24.89	124.00	Rupees One Hundred TwentyFour Only
44.20	20 mm	5.000	Nos	32.80	164.00	Rupees One Hundred SixtyFour Only
44.30	40 mm	5.000	Nos	79.18	396.00	Rupees Three Hundred NinetySix Only
45.00	Supplying fitting and fixing of G.I. plain equal elbow of approved brand and make.					
45.10	15 mm	7.000	Nos	26.02	182.00	Rupees One Hundred EightyTwo Only
45.20	20 mm	5.000	Nos	37.33	187.00	Rupees One Hundred EightySeven Only
46.00	Supplying fitting and fixing of G.I. reducing elbow. 20 mm X 15 mm	5.000	Nos	39.59	198.00	Rupees One Hundred NinetyEight Only
47.00	Supplying fitting and fixing of G.I. plain tee of approved brand and make.					
47.10	15 mm	2.000	Nos	36.20	72.00	Rupees SeventyTwo Only
47.20	20 mm	5.000	Nos	54.30	271.00	Rupees Two Hundred SeventyOne Only
48.00	Supplying fitting and fixing of G.I. reducing tee of approved brand and make					
48.10	20 mm X 15 mm	5.000	Nos	58.82	294.00	Rupees Two Hundred NinetyFour Only
48.20	40 mm X 20 mm	5.000	Nos	159.50	797.00	Rupees Seven Hundred NinetySeven Only

Sl. No.	Description of Item.	Quantity	Unit	Rate/Unit (Rs.)	Amount (Rs.)	
					In Figure	In Ward
49.00	Supplying fitting and fixing of G.I. plug					
49.10	15 mm	5.000	Nos	19.23	96.00	Rupees NinetySix Only
49.20	20 mm	5.000	Nos	29.41	147.00	Rupees One Hundred FourtySeven Only
49.30	40 mm	5.000	Nos	73.53	368.00	Rupees Three Hundred SixtyEight Only
50.00	Supplying fitting and fixing C.I. clamp for pipe including cutting hole in wall etc. and mending good all damages with cement concrete(4:2:1) with jhama chips and cement plaster (6:1) to match with and curing.					
50.10	15 mm	5.000	Nos	26.93	135.00	Rupees One Hundred ThirtyFive Only
50.20	20 mm	21.000	Nos	31.24	656.00	Rupees Six Hundred FiftySix Only
51.00	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. 450 mm X 300 mm size	2.000	Nos	2,238.64	4,477.00	Rupees Four Thousand Four Hundred SeventySeven Only
52.00	Best quality sink in mosaic in silver grey colour with C.P. waste and other fittings, rubber plug and chain, C.I. heavy brackets with two coats of approved paint. 600 mm X 450 mm X 200 mm.	2.000	Nos	934.37	1,869.00	Rupees One Thousand Eight Hundred SixtyNine Only
53.00	Supplying,fitting and fixing approved brand 32 mm dia.P.V.C. waste pipe,n with PVC coupling at one end fitted with necessary clamps. 900 mm long.	27.000	Nos	84.84	2,291.00	Rupees Two Thousand Two Hundred NinetyOne Only
54.00	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.	15.000	Nos	121.04	1,816.00	Rupees One Thousand Eight Hundred Sixteen Only
54.10	600 mm long.	15.000	Nos	121.04	1,816.00	Rupees One Thousand Eight Hundred Sixteen 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>
54.20	900 mm long.	6.000	Nos	166.29	998.00	Rupees Nine Hundred NinetyEight Only
55.00	Supplying, fitting and fixing pillar cock of approved make. PTMT Pillar Cock - 15 mm. (Prayag or equivalent).	10.000	Nos	251.13	2,511.00	Rupees Two Thousand Five Hundred Eleven Only
56.00	Supplying, fitting and fixing PVC pipes of approved make of (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.					
56.10	15 mm	43.750	Meter	69.00	3,019.00	Rupees Three Thousand Nineteen Only
56.20	20 mm	41.200	Meter	93.89	3,868.00	Rupees Three Thousand Eight Hundred SixtyEight Only
56.30	40 mm	7.500	Meter	234.16	1,756.00	Rupees One Thousand Seven Hundred FiftySix Only
57.00	Supplying, fitting and fixing PVC pipes for underground work 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 including cost of all materials, jointing materials, cutting pipes, making threads, cutting trenches upto 1.5 metre below surface in all sorts of soil and refilling the same as directed complete in all respect.					
57.10	PVC Pipes (Dia). 25 mm	1.200	Meter	216.06	259.00	Rupees Two Hundred FiftyNine Only
57.20	Nipple (150 mm long), 25 mm	1.000	Nos	31.67	32.00	Rupees ThirtyTwo Only
57.30	Threaded Adopter					
57.31	15 mm	12.000	Nos	12.44	149.00	Rupees One Hundred FourtyNine Only

<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
57.32	20 mm	4.000	Nos	16.97	68.00	Rupees SixtyEight Only
57.40	Socket					
57.41	15 mm	20.000	Nos	11.31	226.00	Rupees Two Hundred TwentySix Only
57.42	20 mm	20.000	Nos	15.84	317.00	Rupees Three Hundred Seventeen Only
57.43	25 mm	2.000	Nos	26.02	52.00	Rupees FiftyTwo Only
57.44	40 mm	1.000	Nos	47.51	48.00	Rupees FourtyEight Only
57.45	50 mm	1.000	Nos	59.95	60.00	Rupees Sixty Only
57.50	Elbow					
57.51	15 mm	40.000	Nos	14.71	588.00	Rupees Five Hundred EightyEight Only
57.52	20 mm	20.000	Nos	20.36	407.00	Rupees Four Hundred Seven Only
57.53	40 mm	2.000	Nos	78.05	156.00	Rupees One Hundred FiftySix Only
57.60	Flange, 40 mm.	1.000	Nos	148.19	148.00	Rupees One Hundred FourtyEight Only
57.70	Tee					
57.71	15 mm	20.000	Nos	15.84	317.00	Rupees Three Hundred Seventeen Only
57.72	20 mm	20.000	Nos	26.02	520.00	Rupees Five Hundred Twenty Only
57.80	Reducing Tee (mm X mm), 20 X 15	20.000	Nos	41.85	837.00	Rupees Eight Hundred ThirtySeven Only
57.90	Threaded End Cap, 20 mm	10.000	Nos	15.84	158.00	Rupees One Hundred FiftyEight Only
57.91	Solvent Cement	4.000	Nos	147.06	588.00	Rupees Five Hundred EightyEight Only
58.00	Supply, Fitting & Fixing of Polythene Coupling - (Nipple & Nut) 32 mm size	10.000	Nos	32.80	328.00	Rupees Three Hundred TwentyEight Only
59.00	Supplying, fitting and fixing shower of approved brand and make. PTMT overhead shower (Prayag or equivalent). 75 mm round. 75 mm round.	5.000	Nos	202.48	1,012.00	Rupees One Thousand Twelve Only
60.00	Dismantling and refixing shower rose after cleaning.	20.000	Nos	13.57	271.00	Rupees Two Hundred SeventyOne Only


<u>Sl. No.</u>	<u>Description of Item.</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate/Unit (Rs.)</u>	<u>Amount (Rs.)</u>	
					<u>In Figure</u>	<u>In Ward</u>
61.00	Supplying, fitting and fixing bib cock or stop cock. PTMT (Polytetra Bib Cock / Stop Cock (Prayag or equivalent). 15 mm	27.000	Nos	174.20	4,704.00	Rupees Four Thousand Seven Hundred Four Only
62.00	Dismantling and refixing bib cock or stop cock. 15 mm.	25.000	Nos	13.57	339.00	Rupees Three Hundred ThirtyNine Only
63.00	Renewing brass spindle and valve of stop cock/bib cock/push cock/pillar. 15 mm.	5.000	Nos	83.71	419.00	Rupees Four Hundred Nineteen Only
64.00	Supplying, fitting and fixing Waste fittings complete.					
64.10	C.P. over brass. 32 mm.	4.000	Nos	214.93	860.00	Rupees Eight Hundred Sixty Only
64.20	Polythene, 32 mm.	10.000	Nos	49.77	498.00	Rupees Four Hundred NinetyEight Only
65.00	Supplying, fitting and fixing C.I. bracket including two coats of painting.					
65.10	Wash basin, Dental spitton	4.000	Nos	152.71	611.00	Rupees Six Hundred Eleven Only
65.20	Sink, Drain board	4.000	Nos	168.55	674.00	Rupees Six Hundred SeventyFour Only
66.00	Dismantling wash basin with brackets with or without waste fittings.	8.000	Nos	39.59	317.00	Rupees Three Hundred Seventeen Only
67.00	Refixing wash basin with brackets with or without waste fittings.	8.000	Nos	79.18	633.00	Rupees Six Hundred ThirtyThree Only
68.00	Dismantling sink with brackets with or without waste fittings. Above 450 mm and upto 600 mm length.	9.000	Nos	58.82	529.00	Rupees Five Hundred TwentyNine Only
69.00	Refixing sink with brackets with or without waste fittings. Above 450 mm and upto 600 mm length.	9.000	Nos	85.97	774.00	Rupees Seven Hundred SeventyFour Only
70.00	Dismantling pillar cock of wash basin.	22.000	Nos	10.18	224.00	Rupees Two Hundred TwentyFour Only
71.00	Refixing pillar cock of wash basin.	22.000	Nos	10.18	224.00	Rupees Two Hundred TwentyFour Only
72.00	Fixing brackets for wash basin/ sink/ drain board/ cistern.	18.000	Nos	28.28	509.00	Rupees Five Hundred Nine Only
73.00	Supplying, fitting & fixing Aluminium domical grating. 100 mm.	16.000	Nos	55.43	887.00	Rupees Eight Hundred EightySeven Only
74.00	Supplying, fitting and fixing in position R.C.C. Manhole/ pit cover of approved make with rim of approved make (Heavy type)					

<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>
74.10	450 mm dia.	5.000	Nos	312.21	1,561.00	Rupees One Thousand Five Hundred SixtyOne Only
74.20	560 mm dia.	5.000	Nos	438.91	2,195.00	Rupees Two Thousand One Hundred NinetyFive Only
75.00	Supplying, fitting and fixing in position reinforced cement polymer concrete manhole /gully pit cover with matching frame.As per I.S-12592(M.D)					
75.10	5 MT load bearing capacity round manhole cover provided with two lifter hooks fitted with matching frame of size Cover: 565 mm X 65 mm, Frame: 665 mm X 125 mm, opening: 470mm, Weight: 90 kg (approx)	2.000	Nos	2,920.76	5,842.00	Rupees Five Thousand Eight Hundred FourtyTwo Only
75.20	3 MT load bearing capacity round manhole cover provided with two lifter hooks fitted with matching frame of size , Cover: 450 mm X 50 mm, Frame: 540 mm X 100 mm, opening: 370mm, Weight: 46 kg (approx)	2.000	Nos	1,492.05	2,984.00	Rupees Two Thousand Nine Hundred EightyFour Only
76.00	Dismantling ball cock and refixing the same after repair including straightening lever and renewing split pin. 15 mm	17.000	Nos	31.67	538.00	Rupees Five Hundred ThirtyEight Only
77.00	Rewashing stop cock/ bib cock/ push cock/ pillar cock including gland. 15 mm.	45.000	Nos	14.71	662.00	Rupees Six Hundred SixtyTwo Only
78.00	Supplying, fitting and fixing low-down cistern parts. Internal fittings for cistern complete of approved make.					
78.10	Intlet Assembly	5.000	Nos	72.40	362.00	Rupees Three Hundred SixtyTwo Only
78.20	Brackets (pair)	2.000	Nos	343.88	688.00	Rupees Six Hundred EightyEight Only
79.00	Renewing bolts and nuts for cistern.	12.000	Nos	45.25	543.00	Rupees Five Hundred FourtyThree Only
80.00	Changing the lather only of syphon of automatic cistern including taking out and refixing necessary parts.	27.000	Nos	44.12	1,191.00	Rupees One Thousand One Hundred NinetyOne Only
81.00	Renewing polythene ball of approved quality for pipe of dia.:15 mm.	8.000	Nos	48.64	389.00	Rupees Three Hundred EightyNine Only
82.00	Renewing 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

<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>
83.00	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 perdirection of Engineer in charge.	4.690	Cum	187.78	881.00	Rupees Eight Hundred EightyOne Only

Total 2,22,925.00

Rupees Two Lakh TwentyTwo Thousand Nine Hundred TwentyFive Only



Executive Engineer
Kolkata south-I Division
Housing directorate