

**WEST BENGAL MEDICAL SERVICES CORPORATION LTD.**

(Wholly Owned by the Government of West Bengal)

CIN: U85110WB2008SGC126373

Regd. Off. : Swasthya Sathi, GN-29, Sector-V, Salt Lake, Kolkata-700091

Telephone: (033) 40340300 | Fax: (033) 40340400

E-mail: info@wbmsc.gov.in | Website: www.wbmsc.gov.in

Memo No: HFW-41012(23)/1/2018-WBMSCL SEC-Dept. of H&FW/AAES-818/02140

Date: 01/02//2019

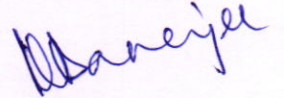
**ORDER**

Administrative Approval & Expenditure Sanction is hereby accorded for 'Renovation & upgradation of department of Anatomy Pharmacy Laboratory & physiology Laboratory at ground floor of Midnapore Homoeopathic Medical College & Hospital , Paschim Medinipore ' at an estimated cost of Rs 20,26,636.00 (Rupees Thirty One Lakh Ninety Nine Thousand Five Hundred Sixty Four) only approved vide AAFS no. 27 /HF/AYUSH/Samity-16/2015 dated 18.01.2019 of West Bengal AYUSH Samity, Department of Health & Family Welfare out of the Grants of National AYUSH Mission.

The details are as follows:

Sl. No.	Particulars	Amounts (in Rs.)
1	Renovation & upgradation of department of Anatomy Pharmacy Laboratory & physiology Laboratory at ground floor of Midnapore Homoeopathic Medical College & Hospital , Paschim Medinipore	19,77,206.00
3	Contingency @2.5%:	49,430.00
	<b>Total:</b>	<b>20,26,636.00</b>

The work will be executed by the Executive Engineer, PWD, Midnapur Division & Ex-Officio Executive Engineer, West Bengal Medical Services Corporation Limited as per norms stated in the order of the Health & Family Welfare Dept., M.S. Branch, vide no. HF/O/MS/384/W-39-12 dt. 01.06.2012 read with Notification No. 86-W(C)-1M-106/11 dt. 06.02.2012 and Memorandum no 37-W(C)-1M-106/11 dated 17.01.2012 of Public Works Department, Government of West Bengal.



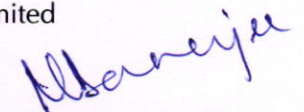
Managing Director

Memo No: HFW-41012(23)/1/2018-WBMSCL SEC-Dept. of H&FW/AAES-818/0240/1(8)

Date: 01/02//2019

Copy forwarded for information and necessary action to:

1. D G Ayush & Secretary & Member Secretary, Executive Committee, West Bengal Ayush Samity
2. Director, Homoeopathy & Ayurved, H& FW Dept
3. Principal, Midnapur Homoeopathic Medical College & Hospital, Paschim Medinipur.
4. Superintending Engineer, South Western Circle, PWD & Ex-Officio Superintending Engineer, West Bengal Medical Services Corporation Limited
5. Manager (Accounts), West Bengal Medical Services Corporation Limited
6. Executive Engineer, PWD, Midnapur Division & Ex-Officio Executive Engineer, West Bengal Medical Services Corporation Limited
7. Consultant Project Engineer (Civil), West Bengal Medical Services Corporation Limited
8. Office Copy



Managing Director

West Bengal AYUSH Samity  
Registration No S/M/1901 of 2014-15  
Health & Family Welfare Deptt.  
Swasthya Bhavan, GN-29, Sector-V,  
Salt lake city Kolkata-700091

No: 33 /HF/AYUSH/Samity-12/16

Date: 24.01.2019

From: DG AYUSH & Secretary  
&

Member Secretary  
Executive Committee  
West Bengal AYUSH Samity

To: Managing Director,  
West Bengal Medical Services Corporation Ltd.  
Swasthya Sathi Building  
GN-29, Sector-V, Salt Lake

in terms of F. No. R. 14030/05/2018 – NAM cell (part) dt. 03.10.2018 sanction of the Scheme of Construction work of Midnapore Homoeopathic Medical College & Hospital, Paschim Medinipore has been accorded by National AYUSH Mission (NAM), Ministry of AYUSH, Govt. of India. Now administrative approval & financial sanction of Rs. 20,56,294/- (Rupees twenty lakh fifty six thousand two hundred ninty four) only is hereby accorded in favour of West Bengal Medical Services Corporaton Ltd. (WBMSCL) for Construction work as per Scheme as shown below:-

Name of Scheme	Estimate drawn by	Estimated cost (Rs.)	Administrative charges of WBMSCL @ 4% (Rs.)	A A & F S accorded (Rs.)
Renovation & upgradation of Department of Anatomy, Pharmacy Laboratory & Physiology Laboratory	PWD Midnapore Division	19,77,206/-	79,088/-	20,56,294/-

Fund as sanctioned under approved activity SAAP 2018-19 will be released shortly.  
All concerned are being informed accordingly.

DG AYUSH & Secretary 24/01/19

&

Member Secretary  
Executive Committee  
West Bengal AYUSH Samity

Date: 24.01.2019

No: 33 /HF/AYUSH/Samity-12/16/1(6)

Copy forwarded for information and necessary action to:-

- (1) General Manager, WBMSCL. Copy of estimate is enclosed
- (2) J.S. AYUSH & AED, WBAS
- (3) D.OA & H & AED, WBAS
- (4) Principal (Acting) Midnapore Homoeopathic Medical College & Hospital
- (5) Consultant (Finance), WBAS
- (6) Accountant, WBAS

DG AYUSH & Secretary 24/01/19

&

Member Secretary  
Executive Committee  
West Bengal AYUSH Samity



सत्यमेव जयते

GOVERNMENT OF WEST BENGAL

OFFICE OF THE

MIDNAPORE HOMOEOPATHIC MEDICAL COLLEGE & HOSPITAL

P.O.: MIDNAPORE, DIST.: PASCHIM MEDINIPUR, PIN: 721101

✉: mhmch1945@gmail.com

☎: (03222) 275311

Memo no./MHMC&H/677/2018-19

Date: 10/01/2019

To

✓ The Director of Homoeopathy

Govt. of West Bengal

Swasthya Bhawan,

GN29, Salt Lake City, Kol. 91

Sub: PWD provided DPR for Ground Floor\*

Madam,

With due respect, I wish to inform you that, vide order no. 257/HF/AYUSH/Samity-49/2017 dated 15.11.2018; PWD had provided Detail Project Report (DPR) for the renovation and updation of the Dept. of Anatomy, Pharmacy Laboratory & Physiology Laboratory at Ground Floor of our college. I am submitting the same to you (copy attached).

I request you to grant necessary order for the same and oblige.

Enclosures:

DPR provided by PWD.

Your faithfully

  
(Dr. Srimanta Saha.)

Principal (Acting) &  
Administrator

Midnapore Homoeopathic  
Medical College & Hospital



***DETAILED PROJECT REPORT (DPR) FOR***  
**RENOVATION & UPGRADATION OF**  
**DEPARTMENT OF ANATOMY, PHARMACY**  
**LABORATORY & PHYSIOLOGY LABORATORY**  
**AT GROUND FLOOR OF MIDNAPORE**  
**HOMOEOPATHIC MEDICAL COLLEGE &**  
**HOSPITAL DURING THE YEAR 2017-18**

**ESTIMATED COST - RS. 20,36,522.00**

***PREPARED BY***

**MIDNAPUR DIVISION**  
**PUBLIC WORKS DIRECTORATE**  
**GOVT. OF WEST BENGAL**

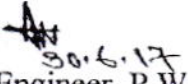
Name of Work: Renovation & Upgradation of Department of Anatomy, Pharmacy laboratory & Physiology laboratory at Ground Floor of Midnapore Homeopathic Medical College & Hospital during the year of 2017-18.

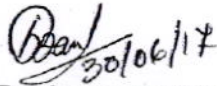
## REPORT

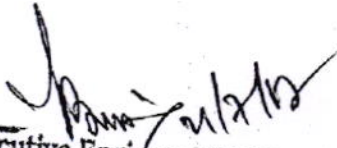
This estimate has been framed to meet up the probable cost of expenditure for the above noted work. This estimate has been prepared as per requisition vide Memo no-MHMCH/06/H/17-18 dated-03/04/2017 of Principal, Midnapore Homeopathic Medical College & Hospital considering the necessary following items according to requirement College & Hospital authority such as artificial stone flooring, stripping off worn out, Plastering, Vitrified tiles, Ceramic tiles, Acrylic Distemper, Brick work, Aluminium work, Cement concrete work & Priming & Painting work etc.

This items are taken from P.W.D., West Bengal, Schedule of Rates for building works from 1<sup>st</sup> December' 2015 along with up to date Corrigendum and Addendum.

Thus, the estimated cost of the works stands to: Rs.20,36,522.00.00 (Rupees twenty Lakh thirty six thousand five hundred twenty two) only including 3% contingency.

  
30.6.17  
Junior Engineer, P.W.D.  
Mohanpur Section  
Midnapur Sub- Division.

  
30/06/17  
Assistant Engineer, P.W.D.  
Midnapur Sub- Division.

  
Executive Engineer (P.W.D.)  
Midnapur Division

1843-36

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GOVERNMENT OF WEST BENGAL  
OFFICE OF THE

MIDNAPORE HOMOEOPATHIC MEDICAL COLLEGE & HOSPITAL

P.O.: Midnapore, Dist.: Paschim Medinipur, PIN: 721101

E-mail: mhmc\_hospital@in.com

Phone: (+91)(03222)275311

Memo No: MHMCH/06/H/17-18.

Date: 03.04.2017

To  
The Executive Engineer  
PWD Midnapore  
Paschim Medinipur

Sub: Estimate for renovation of the Ground Floor of the College Building with interior decoration of Pharmacy, Physiology & Anatomy Department & also Library in the first floor.

Sir,

This is for your kind information that the condition of the Ground Floor and different departmental room of the ground floor and Library section of 2<sup>nd</sup> floor of our institution are in very poor condition. Now this is our earnest request to you that kindly prepare an estimate for the renovation and interior decoration of the first floor of the college building and Library so that we can submit it to the Department of Health & Family Welfare, Govt. of West Bengal for sanction of required fund.

35.04.17  
AE Midnapore  
N. w. please.

03/04/17  
Executive Engineer (P.W.D.)  
Midnapore Division

105-108/MC  
17-11-17  
J.E./Midnapore  
Pls. N.A.  
04/04/17

Thanking you.

Yours' faithfully

*(Signature)* 03/04/2017

Dr. N. K. Kisku  
Principal

Midnapore Homoeopathic  
Medical College & Hospital  
Principal  
Midnapore Homoeopathic  
Medical College & Hospital

Name of Work :- Renovation & Upgradation of Department of Anatomn, Pharmacy laboratory & Phisiology laboratory at ground floor of Midnapore Homeopathic Medical College & Hospital during the year of 2017-18.

Sl. No.	Description of Items	Qty	Unit	Rate		Amount	
				Rs.	P.	Rs.	P.
1	<p><u>Page No. -9/ Item No. - 6</u></p> <p>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.</p> <p>a) In ground floor including roof.</p> <p>Anatomy Deptt.</p> <p>Disecton Hall                    1    x   12.20    x   5.30    =    64.66    Sqm</p> <p>anatomy Hall                    1    x   9.80    x   9.75    =    95.55    Sqm</p> <p>Anatomy Room                    1    x   7.00    x   3.40    =    23.80    Sqm</p> <p>Ano.Histolo.Sec                    1    x   5.20    x   3.30    =    17.16    Sqm</p> <p>Pharmacy lab.                    1    x   11.00    x   7.40    =    81.40    Sqm</p> <p>Physiology lab                    1    x   11.40    x   7.00    =    79.80    Sqm</p> <p style="text-align: right;">=    362.37    Sqm</p>	362.37	Sqm	50.00		18,119.00	
2	<p><u>Page No. -9 / Item No. - 10</u></p> <p>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.</p> <p>For wall tiles</p> <p>Anatomy                    2    x   9.80    x   2.30    =    45.08    Sqm</p> <p>                                  2    x   9.75    x   2.30    =    44.85    Sqm</p> <p>Ano.Histolo. Sec                    2    x   5.20    x   2.30    =    23.92    Sqm</p> <p>                                  2    x   3.30    x   2.30    =    15.18    Sqm</p> <p>Pharmacy lab.                    2    x   11.00    x   2.30    =    50.60    Sqm</p> <p>                                  2    x   7.40    x   2.30    =    34.04    Sqm</p> <p>Physiology lab                    2    x   11.40    x   2.30    =    52.44    Sqm</p> <p>                                  2    x   7.00    x   2.30    =    32.20    Sqm</p> <p style="text-align: right;">Marked-A.    =    298.31    Sqm    298.31    Sqm</p> <p>Renewing plaster</p> <p>Anatomy                    2    x   7.10    x   1.20    =    17.04    Sqm</p> <p>                                  2    x   3.40    x   1.20    =    8.16    Sqm</p> <p>Histology sec                    2    x   5.20    x   1.20    =    12.48    Sqm</p> <p>                                  2    x   3.30    x   1.20    =    7.92    Sqm</p> <p>Pharmacy lab                    2    x   11.00    x   1.20    =    26.40    Sqm</p> <p>                                  2    x   7.40    x   1.20    =    17.76    Sqm</p> <p>Physiology lab                    2    x   11.40    x   1.20    =    27.36    Sqm</p> <p>                                  2    x   7.00    x   1.20    =    16.80    Sqm</p> <p>Anatomy Displan                    2    x   9.80    x   1.20    =    23.52    Sqm</p> <p>                                  2    x   9.75    x   1.20    =    23.40    Sqm</p> <p style="text-align: right;">Marked-B    =    180.84    Sqm    180.84    Sqm</p> <p>Renew Plns Ceiling</p> <p>Anatomy                    9.80    x   9.75    =    95.55    Sqm</p> <p>Room                    7.10    x   3.40    =    24.14    Sqm</p> <p>Disecton Hall                    12.20    x   5.30    =    64.66    Sqm</p> <p>Histology sec                    5.20    x   3.30    =    17.16    Sqm</p> <p>Pharmacy lab                    11.00    x   7.40    =    81.40    Sqm</p> <p>Physiology lab                    11.40    x   7.00    =    79.80    Sqm</p> <p style="text-align: right;">=    362.71    Sqm</p> <p>Considering % of qty.    =    362.71    x   20 %    Marked-C    =    72.54    Sqm</p> <p style="text-align: right;">=    551.69    Sqm</p>	551.69	Sqm	19.00		10,482.00	
3	<p><u>Page No. -38 / Item No. -56</u></p> <p>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.</p> <p>Phar. &amp; Phio.                    4    x   11.00    x   0.15    =    6.60    Sqm</p>	6.60	Sqm	96.00		634.00	
4	<p><u>Page No. -38 / Item No. -57</u></p> <p>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] [Mode of measurement: The affected surface area of reinforcement shall be considered for payment]</p>						

Sl. No.	Description of Items	Qty	Unit	Rate		Amount	
				Rs.	P.	Rs.	P.
	4 x 11.00 x 0.15 = 6.60 Sqm	6.60	Sqm	915.00		6,039.00	
5	<u>Page No. -39 / Item No. 58</u> Applying epoxy based reactive joining agent for joining the old concrete with fresh concrete to be applied within manufacturer's specified time as per manufacturers specification. (0.4 Kg / m <sup>2</sup> of concrete surface). Qty Same As Sl.No-3 i.e. = 6.60 Sqm	6.60	Sqm	356.00		2,350.00	
6	<u>Page No. -15 / Item No. -7</u> 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. (i) Pakur Variety Lintel 4 x 11.00 x 0.15 x 0.075 = 0.495 Cum	0.495	Cum	6798.76		3,365.00	
7	<u>Page No. -39 / Item No. -62</u> Removing corroded worn out portion of reinforcement (when the area of bar is damaged by more than 25%) by cutting and replacing the same by a new plain round bar of requisite diameter by binding with required lap / welding with old bar, including cost of reinforcement, complete in all respect including removing unserviceable materials from site as per direction of the Engineer - in - charge. Note : Payment on weight (Kg.) of new reinforcement. 1.25% of item No-6 0.495 x 1.25 % x 7850 kg = 48.57 kg	48.57	kg	102.00		4,954.00	
8	<u>Page No. -27 / Item No. -12</u> Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm thick approved quality ply board shuttering in any concrete work Lintel 4 x 11.00 x 0.15 = 6.60 Sqm 4 x 11.00 x 0.15 = 6.60 Sqm 13.20 Sqm	13.20	Sqm	389.00		5,135.00	
9	<u>Page No. -164 / Item No. -2</u> Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary (Ground floor).[Excluding cost of chipping over concrete surface] (i) With 1:6 cement mortar (b) 20 mm thick plaster Qty Same as Sl.No-2, Mkd-B i.e. = 180.84 Sqm (ii) With 1:4 cement mortar (c) 10 mm thick plaster Qty Same as Sl.No-2, Mkd-C i.e. = 72.54 Sqm	180.84	Sqm	166.01		30,021.00	
10	<u>Page No. -48 / Item No. -16</u> Supplying and laying true to line and level vitrified tiles of approved brand (size not less than 600 mm X 600 mm X 10 mm thick) in floor, skirting etc. set in 20 mm sand cement mortar (1:4) and 2 mm thick cement slurry back side of tiles using cement @ 2.91Kg./sqM or using polymerised adhesive (6 mm thick layer applied directly over finished artificial stone floor/Mosaic etc without any backing course) laid after application slurry using 1.75 Kg of cement per sqM below mortar only, joints grouted with admixture of white cement and colouring pigment to match with colour of tiles / epoxy grout materials of approved make as directed and removal of wax coating of top surface of tiles with warm water and polishing the tiles using soft and dry cloth upto mirror finish complete including the cost of materials, labour and all other incidental charges complete true to the manufacturer's specification and direction of Engineer-in-Charge.(White cement, synthetic adhesive and grout material to be supplied by the contra conc						



Sl. No.	Description of Items	Qty	Unit	Rate Rs. P.	Amount Rs. P.
	(1) With application slurry @1.75 kg/ Sq.m, 20 mm sand cement mortar (1:4) & 2 mm thick cement slurry at back side of tiles. 0.2 kg/ Sq.m white cement for joint filling with pigment (B) Light Colour Qnty Same as Sl.No-1 i.e. = 362.37 Sqm	362.37	Sqm	1455.00	527,248.00
11	<u>Page No. - 54 / Item No. -30</u> 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. (B) 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. (b) Area of each tile above 0.09 Sq.m (i) Coloured decorative Qnty Same As sl.No-2,Mkd-A i.e. = 298.31 Sqm	298.31	Sqm	1261.00	376,169.00
12	<u>Page No. -175 / Item No. - 5(b)</u> (b) Rendering the surface of walls and ceiling with white cement based wall putty of approved make and brand(1.5mm thick) Qnty Same As Sl.No-1(Ceiling) = 362.37 Sqm Qnty Same As Sl.No-,Mkd-B i.e. = 180.84 Sqm = 543.21 Sqm	543.21	Sqm	122.00	66,272.00
13	<u>Page No. -176/ Item No. -6(a)</u> (a)Cleaning the walls and ceiling by scraping, sand papering and smoothening down the surface including putting. Ceiling area - renewing plaster ( 362.71 - 72.54 ) = 290.17 Sqm	290.17	Sqm	18.00	5,223.00
14	<u>Page No. -171/ Item No. -10</u> 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 Qnty Same as Sl.No-12 i.e. = 543.21 Sqm	543.21	Sqm	76.00	41,284.00
15	<u>Page No. -107/ Item No. -72</u> Labour for taking out door and window frame including shutter for repair or replacement of different parts of the frame & refixing the same including mending good all damaes complete. (Concrete and brick work for mending damage will be paid separately) (a) Upto area 2.5 Sq.m Door (Disec) 1 x 1.20 x 2.30 = 2.76 Sqm 1 x 1.60 x 2.30 = 3.68 Sqm Window (Disec) 1 x 1.50 x 1.65 = 2.48 Sqm 1 x 1.20 x 1.65 = 1.98 Sqm Anatomy 6 x 1.00 x 1.65 = 9.90 Sqm Anato. Room 1 x 1.00 x 1.65 = 1.65 Sqm Histologic 2 x 1.00 x 1.65 = 3.30 Sqm Pharmacy&Phis. 16 x 1.00 x 1.65 = 26.40 Sqm (ii) 550 mm X 400 mm size = 52.15 Sqm	52.15	Sqm	121.00	6,310.00
16	<u>Page No. -78/ Item No. -10(a)</u> (a) M.S.or W.I. Ornamental grill of approved design joints continuously welded with M.S, W.I. Flats and bars of windows, railing etc. fitted and fixed with necessary screws and lugs in ground floor. (ii) Grill weighing above 16 Kg/sq.mtr and above Window 1 x 1.50 x 1.65 = 2.48 Sqm 1 x 1.20 x 1.65 = 1.98 Sqm 25 x 1.00 x 1.65 = 41.25 Sqm 45.71 = 45.71 x 18.00 kg = 8.23 Qntl	8.23	Qntl	8053.00	66,276.00
17	<u>Page No. -30/ Item No. -22</u> Brick work with 1st class bricks in cement mortar (1:6) (b) In superstructure, ground floor 4 x 7.00 x 0.25 x 3.40 = 23.80 Cum	23.80	Cum	5728.03	136,327.00

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Sl. No.	Description of Items	Qty	Unit	Rate		Amount	
				Rs.	P.	Rs.	P.
18	Page No. -32/ Item No. -29 125 mm. thick brick work with 1st class bricks in cement mortar (1:4) in ground floor. 3 x 7.40 x 2.30 = 51.06 Sqm	51.06	Sqm	759.01		38,755.00	
19	Page No. -206/ Item No. -1(A) Supplying profiles of required section made of Aluminium Alloy Extrusions conforming to IS: 732-1983 and IS: 1285- 1975; Anodized (with required film thickness and specified colour / natural) matt finished conforming to IS: 1868-1983 for fabrication of composite door, sliding & casement windows, partitions, formed of basic sections of any ISI embossed / certified make and brand as per direction of Engineer - In-Charge. (Payment will be made on finished length of the work). (A) In 10-12 Micron thickness Anodizing film I) Natural white (a) 2- track sliding window (i) Bottom frame						
	25 x 1.00 = 25.00 Mtr	25.00	Mtr	257.00		6,425.00	
	ii) Top and side frame. 25 x 2 x 1.35 = 67.50 Mtr						
	92.50 Mtr	92.50	Mtr	229.00		21,183.00	
	b) 3- track sliding window j) Bottom frame 1 x 1.50 = 1.50 Mtr 1 x 1.20 = 1.20 Mtr 2.70 Mtr						
	2.70 Mtr	2.70	Mtr	366.00		988.00	
	ii) Top and side frame. Qty Same as bottom Side 2 x 2 x 1.35 = 5.40 Mtr						
	8.10 Mtr	8.10	Mtr	317.00		2,568.00	
	d) Shutter for all track sliding window. (i) Bottom & Top member. For 3 track 2 x 1.45 = 2.90 Mtr 2 x 1.15 = 2.30 Mtr 2 track 2 x 25 x 0.95 = 47.50 Mtr 52.70 Mtr						
	52.70 Mtr	52.70	Mtr	138.00		7,273.00	
	ii) Style side member. 2 x 27 x 1.35 = 72.90 Mtr 1 x 2 x 1.35 = 2.70 Mtr 75.60 Mtr						
	75.60 Mtr	75.60	Mtr	140.00		10,584.00	
	iii) Interlock member. 2 x 27 x 1.35 = 72.90 Mtr 1 x 2 x 1.35 = 2.70 Mtr 75.60 Mtr						
	75.60 Mtr	75.60	Mtr	176.00		13,306.00	
	g) Fixed glazing. (i) Top, bottom and side member. 2 x 1.50 = 3.00 Mtr 2 x 0.30 = 0.60 Mtr 2 x 1.20 = 2.40 Mtr 2 x 0.30 = 0.60 Mtr 25 x 2 x 1.00 = 50.00 Mtr 25 x 2 x 0.30 = 15.00 Mtr 71.60 Mtr						
	71.60 Mtr	71.60	Mtr	382.00		27,351.00	
	iii) Glazing clip. 2 x 2 x 1.50 = 6.00 Mtr 2 x 2 x 0.30 = 1.20 Mtr 2 x 2 x 1.20 = 4.80 Mtr 2 x 2 x 0.30 = 1.20 Mtr 25 x 2 x 2 x 1.00 = 100.00 Mtr 25 x 2 x 2 x 0.30 = 30.00 Mtr 143.20 Mtr						
	143.20 Mtr	143.20	Mtr	50.00		7,160.00	


Sl. No.	Description of Items								Qty	Unit	Rate		Amount	
											Rs.	P.	Rs.	P.
	j) Fixed partitions. (Unsupported length of vertical member more than 1.5 mtr. or both ends of vertical member restrained but panels more than 0.9 Sq.m) (i) Top, bottom & side member.													
	2	x	2	x	7.00	=	28.00	Mtr						
	2	x	2	x	4.00	=	16.00	Mtr						
			22	x	2.10	=	46.20	Mtr						
							90.20	Mtr	90.20	Mtr	568.00	51,234.00		
	ii) Intermediate member.													
			2	x	7.00	=	14.00	Mtr						
			2	x	4.00	=	8.00	Mtr						
							22.00	Mtr	22.00	Mtr	571.00	12,562.00		
	iii) Glazing clip.													
	12	x	4	x	1.10	x	2	=	105.60	Mtr				
	12	x	4	x	1.00	x	2	=	96.00	Mtr				
	6	x	4	x	1.25	x	2	=	60.00	Mtr				
	6	x	4	x	1.00	x	2	=	48.00	Mtr				
							309.60	Mtr	309.60	Mtr	46.00	14,242.00		
	k) Movable door shutter. (i) Door frame. (Top & sides).													
			4	x	0.80	=	3.20	Mtr						
			4	x	1.20	=	4.80	Mtr						
	2	x	2	x	4	x	2.10	=	33.60	Mtr				
							41.60	Mtr	41.60	Mtr	376.00	15,642.00		
	ii) Shutter : Top rail.													
			4	x	0.75	=	3.00	Mtr						
			4	x	1.15	=	4.60	Mtr						
							7.60	Mtr	7.60	Mtr	361.00	2,744.00		
	Bottom rail.													
	Qty same as Top rail i.e.													
							7.60	Mtr	7.60	Mtr	534.00	4,058.00		
	Lock rail													
	Qty same as Top rail i.e.													
							7.60	Mtr	7.60	Mtr	446.00	3,390.00		
	Door vertical.													
	2	x	2	x	4	x	2.05	=	32.80	Mtr	32.80	Mtr	395.00	12,956.00
	Glazing clip.													
	2	x	4	x	2	x	0.90	=	14.40	Mtr				
	2	x	4	x	2	x	0.65	=	10.40	Mtr				
	2	x	4	x	2	x	0.80	=	12.80	Mtr				
	2	x	4	x	2	x	0.65	=	10.40	Mtr				
	2	x	4	x	2	x	0.90	=	14.40	Mtr				
	2	x	4	x	2	x	1.05	=	16.80	Mtr				
	2	x	4	x	2	x	0.80	=	12.80	Mtr				
	2	x	4	x	2	x	1.05	=	16.80	Mtr				
							108.80	Mtr	108.80	Mtr	50.00	5,440.00		
20	Page No. -214/ Item No. -2													
	Labour charge for fabrication and installation of composite door, window, partitions made from anodized extruded alloy aluminium sections for the following units:-													
	(A) 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. The rate includes the hire charge of all tools and plants, including all incidental charges, adhesive, joineries such as screw, cleat angle etc. but excluding the cost of extruded aluminium sections, glass, neoprene / EPDM gasket, locking arrangement and rollers. (i) 2 track sliding window.													
	25	x	1	x	1.35	=	33.75	Mtr	33.75	Sqm	703.00	23,726.00		

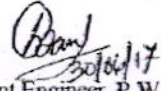
Sl. No.	Description of Items	Qty	Unit	Rate		Amount	
				Rs.	P.	Rs.	P.
	ii) 3/4 track sliding window.	1 x 1.50 x 1.35 = 2.03 Mtr 1 x 1.20 x 1.35 = 1.62 Mtr 3.65 Mtr	3.65	Sqm	950.00		3,463.00
	iv) Fixed glazing.	25 x 1.00 x 0.30 = 7.50 Mtr 1 x 1.50 x 0.30 = 0.45 Mtr 1 x 1.20 x 0.30 = 0.36 Mtr 8.31 Mtr	8.31	Sqm	776.00		6,449.00
	(B) 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 sping placed in the floor with mending damages, with top pin assembly of approve 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 block) fixing them with glazing clips as per drawing, specification and direction of Engineer in charge.	4 x 0.80 x 2.10 = 6.72 Mtr 4 x 1.20 x 2.10 = 10.08 Mtr 16.80 Mtr	16.80	Sqm	1294.00		21,739.00
	(D) Partly glazed and partly panelled partition or fixed glazing made of extruded and anodised alloy aluminium sections, fabrications after cutting to proper shape and size, drilling and aligning fitted with inbuilt locking arrangement cutting the glass / board (prelaminated / particle /block) to requisite shape and size moulding the edges fitted and fixed glazing clips and dry set neoprine /EPDM gasket, along with all other necessary arrangements for fixing the partition to walls, floors, beams, columns polysulphide sealant for water proofing if necessary complete in all respect as per drawing and specifications and direction of the EIC (I) For partitions using section of size: b) 101.50mm x 44.45 mm	2 x 7.00 x 2.10 = 29.40 Mtr 2 x 4.00 x 2.10 = 16.80 Mtr 46.20 Mtr	46.20	Sqm	899.00		41,534.00
21	<u>Page No. -216/ Item No. -6</u> Supplying PVC rollers for sliding windows as per direction of Engineer in charge.	= 112 Nos	112	Each	15.00		1,680.00
22	<u>Page No. -216/ Item No. -7</u> Supplying maruti lock (100mm)	= 27 Pair	27	Each	56.00		1,512.00
23	<u>Page No. -216/ Item No. -8</u> Supplying EPDM gasket of approved make and brand as per direction of Engineer in charge. (i) For sliding windows a) 'T' shaped EPDM gasket for frames.	3 x 25 x 2 x 1.00 = 150.00 Mtr 3 x 25 x 2 x 1.35 = 202.50 Mtr 4 x 1 x 2 x 1.20 = 9.60 Mtr 4 x 1 x 2 x 1.35 = 10.80 Mtr 1 x 4 x 2 x 1.50 = 12.00 Mtr 1 x 4 x 2 x 1.35 = 10.80 Mtr 395.70 Mtr	395.70	Mtr	13.00		5,144.00
	b) 'U' shaped EPDM gasket for frames.	2 x 25 x 2 x 0.42 = 42.00 Mtr 2 x 25 x 2 x 1.28 = 128.00 Mtr 1 x 1 x 2 x 0.45 = 0.90 Mtr 1 x 1 x 2 x 1.28 = 2.56 Mtr 1 x 1 x 2 x 0.35 = 0.70 Mtr 1 x 1 x 2 x 1.28 = 2.56 Mtr 1 x 27 x 2 x 1.00 = 54.00 Mtr 1 x 27 x 2 x 0.30 = 16.20 Mtr 246.92 Mtr	246.92	Mtr	15.00		3,704.00

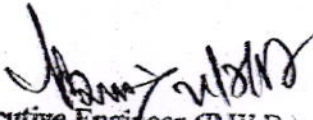
Sl. No.	Description of Items	Qty	Unit	Rate Rs. P.	Amount Rs. P.
	iii) weather gasket / wool pile for door vertical. 8 x 2.00 x 2.05 = 32.80 Mtr	32.80	Mtr	19.00	623.00
24	<u>Page No. -216/ Item No. -9</u> Supplying bubble free float glass of approved make and brand conforming to IS: 2835-1987. (iv) 5mm thick coloured / tinted / smoke glass.				
	Window 25 x 0.42 x 1.28 = 13.44 Sqm 1 x 0.45 x 1.28 = 0.58 Sqm 1 x 0.35 x 1.28 = 0.45 Sqm Fixed glazing 27 x 1.00 x 0.30 = 8.10 Sqm Fixed partit. 4 x 6 x 1.10 x 1.00 = 26.40 Sqm 6 x 2 x 1.25 x 1.00 = 15.00 Sqm Door 2 x 4 x 0.90 x 0.65 = 4.68 Sqm = 68.64 Sqm	68.64	Sqm	698.00	47,911.00
25	<u>Page No. -218/ Item No. -12</u> Supplying 4 lever mortice lock or any approved make and brand as per direction of the Engineer- in -Charge. (ii) 100 mm. = 8 Nos	8	Each	252.00	2,016.00
26	<u>Page No. -218/ Item No. -13C</u> (C) Supplying Heavy Duty Aluminium Handle (EBCO Type) (Natural White) 8 x 2 = 16 Nos	16	Each	114.00	1,824.00
	(D) Supplying Aluminium casted body Butt Hinge (KOBRA type). (Natural white) 8 x 4 = 32 Nos	32	E/Set	68.00	2,176.00
27	<u>Page No. -136/ Item No. -120(c)</u> Providing, fitting and fixing in position, medium density fibre board conforming to IS: 12406-1988 for plain and IS: 14587-1998 for prelaminate made of wood fibre bonded with Urea formaldehyde for interior grade and Phenol Formaldehyde for exterior grade conforming to per IS:848-1974 as per approved make and brand as per direction of Engineer-in-Charge. (C) Both side decorative lamination (II) Interior Grade (i) 8mm Partition 4 x 6 x 1.10 x 1.00 = 26.40 Sqm 6 x 2 x 1.25 x 1.00 = 15.00 Sqm Door 2 x 4 x 0.80 x 0.65 = 4.16 Sqm = 45.56 Sqm	45.56	Sqm	908.00	41,368.00
28	<u>Page No. -142/ Item No. -139</u> Supplying fitting and fixing I.R.C. fabric mesh with covering battens including cost of screws etc complete (excluding the cost of battens). In ground floor. (i) 25mm x 25mm x 2.7mm x 2.7mm. Window 25 x 1.00 x 1.65 = 41.25 Sqm 1 x 1.20 x 1.65 = 1.98 Sqm 1 x 1.50 x 1.65 = 2.48 Sqm = 45.70 Sqm	45.70	Sqm	350.00	15,995.00
29	<u>Page No. -176/ Item No. -7(a)</u> (a) Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc. Door 2 x 1.6 x 2.30 x 2.60 = 19.14 Sqm 8 x 1.2 x 2.30 x 2.60 = 57.41 Sqm = 76.54 Sqm	76.54	Sqm	41.00	3,138.00
	(b) Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc. Window 1 x 1.5 x 1.65 x 1.00 = 2.48 Sqm 1 x 1.2 x 1.65 x 1.00 = 1.98 Sqm 25 x 1 x 1.65 x 1.00 = 41.25 Sqm = 45.71 Sqm IRC Netting same area grill = 1 x 45.71 x 0.50 = 22.86 Sqm				
	Total Qty. = 45.71 + 22.86 = 68.57 Sqm	68.57	Sqm	31.00	2,126.00

Sl. No.	Description of Items	Qty	Unit	Rate		Amount	
				Rs.	P.	Rs.	P.
30	<u>Page No. -176/ Item No. -8(A)</u> (A) Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary : (a) On timber or plastered surface : With super gloss (hi-gloss) - (iv) Two coats (with any shade except white) Qty same as sl.no-29(a) = 76.54 Sqm	76.54	Sqm	89.00		6,812.00	
	(b) On steel or other metal surface : With super gloss (hi-gloss) - (iv) Two coats (with any shade except white) Qty same as sl.no-29(b) = 68.57 Sqm	68.57	Sqm	86.00		5,897.00	
31	<u>Page No. -10/ Item No. -13</u> 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 Qty same as sl.No-1 362.37 x 0.05 = 18.119 Cum Qty same as sl.No-2 551.69 x 0.02 = 11.034 Cum = 29.152 Cum = 29.152 x 1.150 = 33.525 Cum	33.525	Cum	168.00		5,632.00	
	<u>Page No. -10/ Item No. -19(i)</u> 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, longscrew, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, making threads, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials and two coats of painting with approved paint in any position above ground. (Payment will be made on the centre line measurements of total pipe line including all specials. No separate payment will be made for accessories, specials. Payment for painting will be made separately) (a) For Exposed Work PVC Pipes 15 mm 20 x 2.40 = 48.00 Mtr 20 mm 20 x 2.40 = 48.00 Mtr 25 mm 20 x 7.40 = 148.00 Mtr 40 mm 2 x 11.00 = 22.00 Mtr 2 x 7.40 = 14.80 Mtr = 36.80 Mtr	48.00 48.00 148.00 22.00 14.80 36.80	Mtr	106.00 136.00 186.00 308.00		5,088.00 6,528.00 27,528.00 11,334.00	
33	<u>Page No. -5/ Item No. -7</u> Supplying, fitting and fixing bib cock or stop cock. (b) (i) Chromium plated Stop Cock (Equivalent to Code No. 513(A) & 513(B) & Model - Tropical / Sumthing Special of ESSCO or similar = 10 Nos	10	Each	629.00		6,290.00	
	Supplying, fitting and fixing bib cock or stop cock. (a) (i) Chromium plated Bib Cock short body (Equivalent to Code No. 511 & Model - Tropical / Sumthing Special of ESSCO or similar brand). = 8 Nos	8	Each	689.00		5,512.00	
34	<u>Page No. -41/ Item No. -19</u> Supplying, fitting and fixing pillar cock of approved make. a) (i) CP Pillar Cock - 15 mm. (Equivalent to Code No. 507 & Model - Tropical / Sumthing Special of ESSCO or similar brand). = 6 Nos	6	Each	713.00		4,278.00	
	Supplying, fitting and fixing pillar cock of approved make. f) CP Pillar Cock with 200 mm extended Lever Handle (Equivalent to Code No. 5031 & Model - FLORENTINE of JAQUAR or similar brand). = 8 Nos	8	Each	1641.00		13,128.00	
35	<u>Page No. -4/ Item No. -5</u> Supplying, fitting and fixing gunmetal wheel valve of approved brand and make tested to 2 kg per sq. cm. (for water lines only). 40 mm dia = 6 Nos	6	Each	2014.00		12,084.00	
	25 mm dia = 6 Nos	6	Each	963.00		5,778.00	

Sl. No.	Description of Items	Qty	Unit	Rate		Amount		
				Rs.	P.	Rs.	P.	
36	<p><u>Page No. -37/ Item No. -2</u></p> <p>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.</p> <p>(iii) 630 mm X 450 mm size = 5 Nos</p>	5	Each	3873.00		19,365.00		
37	<p><u>Page No. -38/ Item No. -5(c)</u></p> <p>Supplying, fitting and fixing White Vitreous China Sink in position on C.I. Brackets including two coats of painting of brackets.</p> <p>(c) Laboratory table sink including cutting of laboratory table as required. 450 mm X 300 mm X 150 mm = 15 Nos</p>	15	Each	2812.00		42,180.00		
Total							1,977,206.00	
Add 3% for Contingency							59,316.00	
Grand Total							2,036,522.00	

  
 30.6.17  
 Junior Engineer, P.W.D.  
 Mohanpur Section

  
 30.6.17  
 Assistant Engineer, P.W.D.  
 Midnapur Sub-Division

  
 Executive Engineer (P.W.D.)  
 Midnapur Division

(20)

**RATES ANALYSIS OF DIFFERENT TYPE OF CEMENT & STEEL WORKS.**  
**STEEL & CEMENT SUPPLY BY CONTRACTOR**

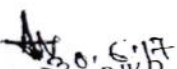
Description of Items with Analysis	Rates
<b>Ref: 6th Corrigenda Page -3, Items - 2</b>	
Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc initial straightening and removal of loose rust (if necessary),..	
(i) Tor steel / Mild Steel SAIL/TATA/RINL	
<b><u>CARRIAGE COST FOR STEEL FROM KOLKATA.</u></b>	
Kolkata to Ulubaria	= 42.00 Km.
Ulberia to Midnapore Medical College & Hospital	= 89.00 Km.
Lead from Kolkata to Work site (Midnapore Medical College & Hospital)	= 131.00 Km.
Carriage up to 5.00 Km.	= Rs. 82.00 / M.T.
5.00 Km. to 10.00 Km. = 5.00 Km. @ Rs. 7.30 /Km.	= Rs. 36.50 / M.T.
10.0 Km. to 20.00 Km. = 10.00 Km. @ Rs. 6.70 /Km.	= Rs. 67.00 / M.T.
20.00 Km. to 50.00 Km. = 30.00 Km. @ Rs. 6.30 /Km.	= Rs. 189.00 / M.T.
50.00 Km. to 100.0 Km. = 50.00 Km. @ Rs. 5.60 /Km.	= Rs. 280.00 / M.T.
100.0 Km. to 131.0 Km. = 31.00 Km. @ Rs. 5.30 /Km.	= Rs. 164.30 / M.T.
	Rs. 818.80 / M.T.
Loading + unloading + stacking	96.00 / M.T.
	Rs. 914.80 / M.T.
<b>i) Schedule Rate considering Departmental Supply</b>	
ii) Less departmental Issue Rates x 1.05 i.e.	Rs. 49,900.00 / M.T. x 1.05 = Rs. -52,395.00 / M.T.
iii) Add Basic Rates at outlet x 1.05 i.e.	Rs. 44,310.00 / M.T. x 1.05 = Rs. 46,525.50 / M.T.
iv) Add contractor's profit @ 10% of Basic Rates at outlet i.e.	Rs. 44,310.00 / M.T. @ 10% = Rs. 4,431.00 / M.T.
v) Add cost of Carriage from outlet (Kolkata) to site at Midnapore with necessary loading, unloading and stacking charges for 1.05 M.T. Steel	Rs. 914.80 / M.T. x 1.05 = Rs. 960.54 / M.T.
	<b>Rs. 69,005.04 / M.T.</b>
<b>II. Other than SAIL/TATA/RINL</b>	
<b>i) Schedule Rate considering Departmental Supply</b>	
ii) Less departmental Issue Rates x 1.05 i.e.	Rs. 44,300.00 / M.T. x 1.05 = Rs. -46,515.00 / M.T.
iii) Add Basic Rates at outlet x 1.05 i.e.	Rs. 39,200.00 / M.T. x 1.05 = Rs. 41,160.00 / M.T.
iv) Add contractor's profit @ 10% of Basic Rates at outlet i.e.	Rs. 39,200.00 / M.T. @ 10% = Rs. 3,920.00 / M.T.
v) Add cost of Carriage from outlet (Kolkata) to site at Midnapore with necessary loading, unloading and stacking charges for 1.05 M.T. Steel	Rs. 914.80 / M.T. x 1.05 = Rs. 960.54 / M.T.
	<b>Rs. 62,012.54 / M.T.</b>
<b>Ref: Page - 164, Item - 02</b>	
Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding / staging where necessary (Ground floor). [Excluding cost of chipping over concrete surface]	
(i) With 1:6 Cement mortar	
(b) 20 mm. thick plaster.	
<b>a) In ground floor ie within 4.00 mtr height</b>	
Schedule Rate considering Departmental Supply	Rs. 166.00 / Sqm
Deduct cost of cement = (Quantity of cement) x (Issue rate of cement)	0.5714 M.T. / % Sqm @ Rs. 8,100.00 / M.T. Rs. -46.28 / Sqm
	Rs. 119.72 / Sqm
Add cost of cement supplied by Contractor including 10% Profit = 1.1 x (Quantity of cement) x ( Basic price of cement )	1.10 x 0.5714 M.T. / % Sqm @ Rs. 7,364.00 / M.T. Rs. 46.29 / Sqm
	Rs. 166.01 / Sqm

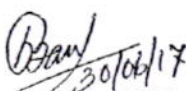


Description of Items with Analysis	Rates																											
<p><b>B</b> (i) With 1:6 Cement mortar (c) 15 mm. thick plaster. a) In ground floor ie within 4.00 mtr height Schedule Rate considering Departmental Supply Deduct cost of cement = (Quantity of cement) x (Issue rate of cement)      0.429    M.T. / % Sqm @    Rs. 8,100.00    / M.T. Add cost of cement supplied by Contractor including 10% Profit = 1.1 x (Quantity of cement) x ( Basic price of cement )      1.10    x    0.429    M.T. / % Sqm @    Rs. 7,364.00    / M.T.</p>	<p>Rs. 144.00 / Sqm Rs. -34.75 / Sqm Rs. 109.25 / Sqm Rs. 34.75 / Sqm Rs. 144.00 / Sqm</p>																											
<p><b>C</b> (i) With 1:4 Cement mortar (c) 10 mm. thick plaster. a) In ground floor ie within 4.00 mtr height Schedule Rate considering Departmental Supply Deduct cost of cement = (Quantity of cement) x (Issue rate of cement)      0.429    M.T. / % Sqm @    Rs. 8,100.00    / M.T. Add cost of cement supplied by Contractor including 10% Profit = 1.1 x (Quantity of cement) x ( Basic price of cement )      1.10    x    0.429    M.T. / % Sqm @    Rs. 7,364.00    / M.T.</p>	<p>Rs. 132.00 / Sqm Rs. -34.75 / Sqm Rs. 97.25 / Sqm Rs. 34.75 / Sqm Rs. 132.00 / Sqm</p>																											
<p><b>Ref:- page12. Items-5.</b></p>																												
<p>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. In ground floor (A) [Pakur Variety] (a) 1:2:4 proportion. Cost of labour &amp; Cement Deduct cost of cement = (Quantity of cement) x (Issue rate of cement)      0.314    mt /m<sup>3</sup>    @    Rs. 8100.00    / M.T. Add cost of cement supplied by Contractor including 10% Profit = 1.1 x (Quantity of cement) x ( Basic price of cement )      1.10    x    0.314    mt /m<sup>3</sup>    @    Rs. 7,364.00    / M.T.</p> <p>Cost of Stone chips</p> <table border="1" data-bbox="63 1388 1276 1568"> <thead> <tr> <th>Stone Aggregates</th> <th>Carriage Cost</th> <th>Lodd / Unload</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1800.00</td> <td>124.00</td> <td>58.00</td> <td>20 mm Nominal size</td> <td>0.660</td> <td>Cum / Cum</td> <td>@</td> <td>Rs. 1,982.00</td> <td>/ Cum</td> </tr> <tr> <td>1633.00</td> <td>124.00</td> <td>58.00</td> <td>10 mm Nominal size</td> <td>0.220</td> <td>Cum / Cum</td> <td>@</td> <td>Rs. 1,815.00</td> <td>/ Cum</td> </tr> </tbody> </table>	Stone Aggregates	Carriage Cost	Lodd / Unload							1800.00	124.00	58.00	20 mm Nominal size	0.660	Cum / Cum	@	Rs. 1,982.00	/ Cum	1633.00	124.00	58.00	10 mm Nominal size	0.220	Cum / Cum	@	Rs. 1,815.00	/ Cum	<p>Rs. 4,352.00 / Cum Rs. -2,543.40 / Cum Rs. 1,808.60 / Cum Rs. 2,543.53 / Cum Rs. 4,352.13 / Cum Rs. 1,308.12 / Cum Rs. 399.30 / Cum Rs. 6,059.55 / Cum</p>
Stone Aggregates	Carriage Cost	Lodd / Unload																										
1800.00	124.00	58.00	20 mm Nominal size	0.660	Cum / Cum	@	Rs. 1,982.00	/ Cum																				
1633.00	124.00	58.00	10 mm Nominal size	0.220	Cum / Cum	@	Rs. 1,815.00	/ Cum																				
<p><b>Ref: Page -15, Item - 7</b></p>																												
<p>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. Using Pakur Variety stone chips Schedule Rate considering Departmental Supply Deduct cost of cement = (Quantity of cement) x (Issue rate of cement)      0.409    M.T. / Cum @    Rs. 8,100.00    / M.T. Add cost of cement supplied by Contractor including 10% Profit = 1.1 x (Quantity of cement) x ( Basic price of cement )      1.10    x    0.409    M.T. / Cum @    Rs. 7,364.00    / M.T.</p> <p>Cost of Stone chips</p> <table border="1" data-bbox="63 1971 1276 2161"> <thead> <tr> <th>Stone Aggregates</th> <th>Carriage Cost</th> <th>Lodd / Unload</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1800.00</td> <td>124.00</td> <td>58.00</td> <td>20 mm Nominal size</td> <td>0.573</td> <td>Cum / Cum</td> <td>@</td> <td>Rs. 1,982.00</td> <td>/ Cum</td> </tr> <tr> <td>1633.00</td> <td>124.00</td> <td>58.00</td> <td>10 mm Nominal size</td> <td>0.287</td> <td>Cum / Cum</td> <td>@</td> <td>Rs. 1,815.00</td> <td>/ Cum</td> </tr> </tbody> </table>	Stone Aggregates	Carriage Cost	Lodd / Unload							1800.00	124.00	58.00	20 mm Nominal size	0.573	Cum / Cum	@	Rs. 1,982.00	/ Cum	1633.00	124.00	58.00	10 mm Nominal size	0.287	Cum / Cum	@	Rs. 1,815.00	/ Cum	<p>Rs. 5,142.00 / Cum Rs. -3,312.90 / Cum Rs. 1,829.10 / Cum Rs. 3,313.06 / Cum Rs. 5,142.16 / Cum Rs. 1,135.69 / Cum Rs. 520.91 / Cum Rs. 6,798.76 / Cum</p>
Stone Aggregates	Carriage Cost	Lodd / Unload																										
1800.00	124.00	58.00	20 mm Nominal size	0.573	Cum / Cum	@	Rs. 1,982.00	/ Cum																				
1633.00	124.00	58.00	10 mm Nominal size	0.287	Cum / Cum	@	Rs. 1,815.00	/ Cum																				

Sl. No.	Description of Items with Analysis	Rates
5	<p><u>Ref:- page- 32 , Items-29.</u>                      125 mm. thick brick work with 1st class bricks in cement mortar (1:4) in ground floor                      Cost of labour &amp; Cement                      Deduct cost of cement = (Quantity of cement) x (Issue rate of cement)      0.013      mt /m<sup>2</sup>      @      8100.00      Cum      =</p> <p>Add cost of cement supplied by Contractor including 10% Profit = 1.1 x (Quantity of cement) x ( Basic price of cement )      1.10      x      0.013      mt /m<sup>2</sup>      @      7364.00      Cum      =</p>	<p>Rs. 759.00 / Sqm                      Rs. -105.76 / Sqm                      Rs. 653.24 / Sqm                      Rs. 105.77 / Sqm                      Rs. 759.01 / Sqm</p>
6	<p><u>Ref: Page - 30, Items - 22.</u>                      Brick work with 1st class bricks in cement mortar (1:6)  <b>(a) In foundation and plinth</b>                      Schedule Rate considering Departmental Supply                      Deduct cost of cement = (Quantity of cement) x (Issue rate of cement)      0.079      M.T. /Cum      @      Rs. 8,100.00      / M.T.</p> <p>Add cost of cement supplied by Contractor including 10% Profit = 1.1 x (Quantity of cement) x ( Basic price of cement )      1.10      x      0.079      M.T. /Cum      @      Rs. 7,364.00      / M.T.</p>	<p>Rs. 5,503.00 / Cum                      Rs. -636.43 / Cum                      Rs. 4,866.57 / Cum                      Rs. 636.46 / Cum                      Rs. 5,503.03 / Cum</p>
	<p><b>(b) In superstructure, ground floor</b>                      Schedule Rate considering Departmental Supply                      Deduct cost of cement = (Quantity of cement) x (Issue rate of cement)      0.079      M.T. /Cum      @      Rs. 8,100.00      / M.T.</p> <p>Add cost of cement supplied by Contractor including 10% Profit = 1.1 x (Quantity of cement) x ( Basic price of cement )      1.10      x      0.079      M.T. /Cum      @      Rs. 7,364.00      / M.T.</p>	<p>Rs. 5,728.00 / Cum                      Rs. -636.43 / Cum                      Rs. 5,091.57 / Cum                      Rs. 636.46 / Cum                      Rs. 5,728.03 / Cum</p>
7	<p><u>Ref: Page - 54, Items - 30.</u>                      Supplying, fitting &amp; fixing 1st quality Ceramic tiles in walls and floors to match with the existing work &amp; 4 nos. of key stones (10mm) fixed with araldite at the back of each tile &amp; 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 &amp; grout materials etc. <b>(A) Floor</b>                      With Sand Cement Mortar (1:4) 20 mm thick &amp; 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg/Sq.m &amp; joint filling using white cement slurry @ 0.20kg/Sq.m.  <b>(a) Area of each tile upto 0.09 Sq.m</b>                      (i) Coloured decorative                      Cement (1:4) 20mm thick      Slurry @ 2.91Kg/Sqm.      =      Cum/Sqm      M.T. /Sqm                      0.006      0.002      =      0.008      0.0115</p> <p>Schedule Rate considering Departmental Supply                      Deduct cost of cement = (Quantity of cement) x (consumption rate of cement as per calculation)      0.0115      M.T. / Sqm.      @      Rs. 8,100.00      / M.T.</p> <p>Add cost of cement supplied by Contractor including 10% Profit = 1.1 x (Quantity of cement) x ( Basic price of cement )      1.10      x      0.0115      M.T. / Sqm.      @      Rs. 7,364.00      / M.T.</p>	<p>Rs. 828.00 / Sqm                      Rs. -93.15 / Sqm                      Rs. 93.15 / Sqm                      Rs. 828.00 / Sqm</p>
	<p><b>(b) Area of each tile above 0.09 Sq.m</b>                      (i) Coloured decorative                      Schedule Rate considering Departmental Supply                      Deduct cost of cement = (Quantity of cement) x (consumption rate of cement as per calculation)      0.0115      M.T. / Sqm.      @      Rs. 8,100.00      / M.T.</p> <p>Add cost of cement supplied by Contractor including 10% Profit = 1.1 x (Quantity of cement) x ( Basic price of cement )      1.10      x      0.0115      M.T. / Sqm.      @      Rs. 7,364.00      / M.T.</p>	<p>Rs. 1,025.00 / Sqm                      Rs. -93.15 / Sqm                      Rs. 93.15 / Sqm                      Rs. 1,025.00 / Sqm</p>

It.	Description of Items with Analysis	Rates					
	<p>(B) Wall With Sand Cement Mortar (1:3) 15 mm thick &amp; 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg/Sq.m &amp; joint filling using white cement slurry @ 0.20kg/Sq.m (b) Area of each tile above 0.09 Sq.m (i) Coloured decorative</p> <table border="0" style="width: 100%;"> <tr> <td style="text-align: center;">Cement (1:3) 15mm thick 0.006</td> <td style="text-align: center;">Slurry @ 2.91Kg/Sqm. 0.002</td> <td style="text-align: center;">=</td> <td style="text-align: center;">Cum/Sqm 0.008</td> <td style="text-align: center;">M.T. / Sqm 0.0115</td> </tr> </table> <p>Schedule Rate considering Departmental Supply Deduct cost of cement = (Quantity of cement) x (consumption rate of cement as per calculation) 0.0115 M.T. / Sqm. @ Rs. 8,100.00 / M.T. Add cost of cement supplied by Contractor including 10% Profit = 1.1 x (Quantity of cement) x ( Basic price of cement ) 1.10 x 0.0115 M.T. / Sqm. @ Rs. 7,364.00 / M.T.</p>	Cement (1:3) 15mm thick 0.006	Slurry @ 2.91Kg/Sqm. 0.002	=	Cum/Sqm 0.008	M.T. / Sqm 0.0115	<p style="text-align: right;">Rs. 1,261.00 / Sqm</p> <p style="text-align: right;">Rs. -93.15 / Sqm</p> <p style="text-align: right;">Rs. 93.15 / Sqm</p> <hr/> <p style="text-align: right;">Rs. 1,261.00 / Sqm</p>
Cement (1:3) 15mm thick 0.006	Slurry @ 2.91Kg/Sqm. 0.002	=	Cum/Sqm 0.008	M.T. / Sqm 0.0115			
8	<p><b>6th Corrigenda (New) Page: 8 It. 87</b> Supplying and laying true to line and level Double charge vitrified tiles of approved brand (size not less than 800 mm X 800 mm X 10.2 mm thick) in floor, skirting etc. set in 20 mm sand cement mortar (1:4) and 2 mm thick cement slurry back side of tiles using cement @ 2.91Kg./sqM or using polymerised adhesive (6 mm thick layer applied directly over finished artificial stone floor/Mosaic etc without any backing course) laid after application slurry using 1.75 Kg of cement per sqM below mortar only, joints grouted with admixture of white cement and colouring (1) With application slurry @ 1.75 kg/ Sq.m, 20 mm sand cement mortar (1:4) &amp; 2 mm thick cement slurry at back side of tiles, 0.2 kg/ Sq.m white cement for joint filling with pigment.</p> <table border="0" style="width: 100%;"> <tr> <td style="text-align: center;">Cement (1:4) 20mm thick 0.006</td> <td style="text-align: center;">Slurry @ 1.75 Kg/Sqm. 0.001</td> <td style="text-align: center;">=</td> <td style="text-align: center;">Cum/Sqm 0.007</td> <td style="text-align: center;">M.T. / Sqm 0.0103</td> </tr> </table> <p>Schedule Rate considering Departmental Supply Deduct cost of cement = (Quantity of cement) x (consumption rate of cement as per calculation) 0.0103 M.T. / Sqm. @ Rs. 8,100.00 / M.T. Add cost of cement supplied by Contractor including 10% Profit = 1.1 x (Quantity of cement) x ( Basic price of cement ) 1.10 x 0.0103 M.T. / Sqm. @ Rs. 7,364.00 / M.T.</p>	Cement (1:4) 20mm thick 0.006	Slurry @ 1.75 Kg/Sqm. 0.001	=	Cum/Sqm 0.007	M.T. / Sqm 0.0103	<p style="text-align: right;">Rs. 2,942.00 / Sqm</p> <p style="text-align: right;">Rs. -83.43 / Sqm</p> <p style="text-align: right;">Rs. 83.43 / Sqm</p> <hr/> <p style="text-align: right;">Rs. 2,942.00 / Sqm</p>
Cement (1:4) 20mm thick 0.006	Slurry @ 1.75 Kg/Sqm. 0.001	=	Cum/Sqm 0.007	M.T. / Sqm 0.0103			
9	<p><b>Ref: Page - 51, Items - 24.</b> Supplying, fitting, fixing marble slab/tiles, 15 mm. to 18 mm. thick in dado / wall in 15 mm thick [avg] cement mortar (1:2) including making suitable arrangements to hold the stones properly by brass / copper hooks applying white cement slurry @ 4.4 kg/ sq.m at the back side of marble &amp; pointing in cement mortar (1:2) (1 cement, 2 marble dust) with admixture of pigment matching the stone shades including polishing all complete as per direction of the Engineer-in-charge including cost of materials, labours, scaffolding, staging, curing complete. [White cement, Pigment to be supplied by the Agency] (b) With Chawk Dungri (ii) Area of each Slab/tile exceeding 0.3 sq.m. but not exceeding 0.6 sq.m.</p> <table border="0" style="width: 100%;"> <tr> <td style="text-align: center;">Cement (1:2) 15mm thick 0.008</td> <td style="text-align: center;">Slurry @ 4.4 Kg/Sqm. 0.003</td> <td style="text-align: center;">=</td> <td style="text-align: center;">Cum/Sqm 0.011</td> <td style="text-align: center;">M.T. / Sqm 0.0158</td> </tr> </table> <p>Schedule Rate considering Departmental Supply Deduct cost of cement = (Quantity of cement) x (consumption rate of cement as per calculation) 0.0158 M.T. / Sqm. @ Rs. 8,100.00 / M.T. Add cost of cement supplied by Contractor including 10% Profit = 1.1 x (Quantity of cement) x ( Basic price of cement ) 1.10 x 0.0158 M.T. / Sqm. @ Rs. 7,364.00 / M.T.</p>	Cement (1:2) 15mm thick 0.008	Slurry @ 4.4 Kg/Sqm. 0.003	=	Cum/Sqm 0.011	M.T. / Sqm 0.0158	<p style="text-align: right;">Rs. 2,243.00 / Sqm</p> <p style="text-align: right;">Rs. -127.98 / Sqm</p> <p style="text-align: right;">Rs. 127.99 / Sqm</p> <hr/> <p style="text-align: right;">Rs. 2,243.01 / Sqm</p>
Cement (1:2) 15mm thick 0.008	Slurry @ 4.4 Kg/Sqm. 0.003	=	Cum/Sqm 0.011	M.T. / Sqm 0.0158			

  
Junior Engineer, P.W.D.  
Mohanpur Section

  
Assistant Engineer, P.W.D.  
Midnapur Sub-Division