

PREPARING OF CBNAAT LAB AT MURARAI RH UNDER RAMPURHAT HEALTH DISTRICT, BIRBHUM.

Sl No	Item No	Description	No	Length	Breadth	Height	Quantity	Unit	Total Quantity	Rate	Amount
1	B-2	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.	1	4.2	3.5		14.7				
	Page-10	Total					14.7	Cum	14.70	19.00	279
2		250 mm thick Brick work with 1st class bricks in cement mortar (1:6) (b)									
		In superstructure, ground floor	1	1.2	0.25	1	0.3				
3		Door Closing	2	8	0.25	0.3	1.2				
		Drain					1.5	Cum	0.30	4,420.81	1,326
4		Ordinary Cement Concrete (mix-1:1.5:3) with graded stone chips (20mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes.									
		(i) With	1	3.2	0.6	0.1	0.192				
		Slab	1	1.2	0.25	0.1	0.03				
		window sill	1	3.2	2.5	0.1	0.8				
5		Floor					1.022	Cum	1.02	5,302.38	5,419
		Hire and labour charges for shuttering with centering and necessary staging upto 4m 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 work (upto roof of ground floor) (a)									
5		25mm to 30mm thick wooden shuttering as per decision & direction of engineer-in-charge.									
		Slab	1	3.2	0.7		2.24	Sqm	1.14	328.00	735
5		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. (a) For works in foundation, basement and upto roof of ground floor/ upto 4m.									
		1.2% of volume of concrete	1		1.2 % of 1.02		0.02	MT	0.10	54,405.84	5,223

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Sl No	Item No	Description	Nos	Length	Breadth	Height	Quantity	Unit	Total Quantity	Rate	Amount
1	B-2 Page-10	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 7.5m as directed. Total	1	4.2	3.5		14.7	Cum	14.70	19.00	279
2		250 mm thick Brick work with 1st class bricks in cement mortar (1:6) (b) In superstructure, ground floor Door Closing Drain	1 2	1.2 8	0.25 0.25	1 0.3	0.3 1.2				
3		Ordinary Cement Concrete (mix-1:1.5:3) with graded stone chips (20mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. (i) With Slab window sill Floor	1 1 1	3.2 1.2 3.2	0.6 0.25 2.5	0.1 0.1 0.1	0.192 0.03 0.8				
4		Hire and labour charges for shuttering with centering and necessary staging upto 4m 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 work (upto roof of ground floor) (a) 25mm to 30mm thick wooden shuttering as per decision & direction of engineer-in-charge.	1	3.2	0.7		2.24	Sqm	1.14	328.00	735
5		Slab 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. (a) For works in foundation, basement and upto roof of ground floor/ upto 4m.	1			1.2 % of 1.02	0.02	MT	0.10	54,405.84	5,223
		1.2% of volume of concrete									

Sl No.	Item No.	Description	Nox	Length	Breadth	Height	Quantity	Unit	Total Quantity	Rate	Amount
6		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.	1	3.6	2.8		10.08	Sqm	10.08	1,257.00	12,671
		Floor									
	J-8(b) Page No- 196	Applying Exterior grade Acrylic primer of approved quality and brand on plastered or concrete surface old or new surface to receive decorative textured (mat finish) or smooth finish acrylic exterior emulsion paint including scraping and preparing the surface thoroughly, complete as per manufacturer's specification and as per direction of the EIC.	2	7.5		4.2	63				
7		Two Coats	2	6.5		4.2	54.6				
							117.6	SqM	117.6	45.1	5303.76
	J-17(b) Page No- 197	Protective and Decorative Acrylic exterior emulsion paint of approved quality, as per manufacturer's specification and as per direction of Engineer-in-Charge to be applied over acrylic primer as required. The rate includes cost of material, labour, scaffolding and all incidental charges but excluding the cost of primer.									
8		Premium 100% Acrylic Emulsion					117.6	SqM	117.6	84	9878.4
	D-23, Page-50	Supplying fittings and fixing Marble slabs/tiles of 15mm to 18mm thickness in floor, lobby, stair, landing & tread etc. over 20mm (av.) thick base of cement mortar (1:2) laid with white cement slurry @ 4 Kg/Sq m before placing marble & jointed with white cement slurry @ 2.0 kg/Sq m with necessary pigment including grinding and Granite polishing as per Direction of Engineer - in - charge in Ground floor. (White cement and pigment to be supplied by the Agency)									
9		(a) With Makrana plain pink/Adraniga Pink / Garbh Gubbi / Udaypur pink / Udaypur Green / Black Blasiana (iv) Area of each Slab/tiles exceeding 1.00sq.m.									
		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.	1	4	0.85		3.4	Sq.M	3.40	2,129.00	7,239
10	J-10 Page- 196	(ii) Two coats Lab Room	2	3.2		1.2	7.68				
			2	2.5		1.2	6				

S/No	Item No	Description	Nox	Length	Breadth	Height	Quantity	Unit	Total Quantity	Rate	Amount
			1	3.2	2.5		8		21.68	₹ 70.00	₹ 1,518
	K-7(a) Page- 176	(a) Priming one coat on timber or plastered surface with synthetic oil based primer of approved quality including smoothening surfaces by sand papering etc.	1	5.88			5.88	Sq M			
	K- 8(A)(b), (iv) Page- 176/177	approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary: (a) With on timber or plastered surface super gloss/ Hi- gloss) Two coats (with any shade except white).	1				5.88			₹ 41.00	₹ 241
12							5.88	Sq M	5.88	₹ 78.00	₹ 459

Sl No	Item No	Description	Qty	Unit	Total Quantity	Rate	Amount
17	B(1)-1(b) Page-56	Supplying, fitting and fixing cast iron soil pipe (conforming to IS. 3989/1970 and IS. 1729/1964 with bobbins, nails etc. including making holes in the wall, floor etc. and cutting trenches etc. in any floor through masonry concrete, if necessary, and mending good damages with necessary jointing materials and painting two coats to the exposed surface with approved paint complete. (Measurement will be made along the center line of the total pipe line in fitted condition including specials, payment for specials & painting will however be paid separately).	3.00	Meter	3.00	₹ 685.00	₹ 2,064
18	A(V)-6, Page-42	Supplying, fitting and fixing stainless steel sink complete with waste fittings and two coats of painting of C.I. brackets.	1.00		1.00	₹ 5,006.00	₹ 5,006
ALUMINIUM WORKS							
19	R-1, Page-232	Supplying profiles of required section made (A) In 10-12 micron thickness Anodizing film					
		i) Natural white					
		a) 2-track sliding window	2.40	Mtr	2.40	₹ 218.00	₹ 523
		i) Bottom Frame	9.60	Mtr	9.60	₹ 195.00	₹ 1,872
		ii) Top and Side Frame					
		d) Shutter for all track sliding window	4.80	Mtr	4.80	₹ 117.00	₹ 562
		i) Bottom and Top Member	9.60	Mtr	9.60	₹ 119.00	₹ 1,142
		ii) Style and stile Member					
		k) Movable door shutter.					
		i) Door frame (Top & sides)	5.40	Meter	5.40	₹ 315.00	₹ 1,701
		ii) Shutter...					
		Top rail	1.20	Meter	1.20	₹ 304.00	₹ 365
		Bottom rail	1.20	Meter	1.20	₹ 448.00	₹ 538
		Lock rail	1.20	Meter	1.20	₹ 377.00	₹ 452
		Door vertical	4.20	Meter	4.20	₹ 332.00	₹ 1,394
		Glazing cleap	12.80	Meter	12.80	₹ 50.00	₹ 640
20	R-2, Page-239	Labour charge for fabrication and installation (A), 1) 2 track sliding window.	1.73	Sq.M	1.73	₹ 696.00	₹ 1,203
		(C) Fully glazed single leaf roomless swing	2.52	Sq.M	2.52	₹ 1,501.00	₹ 3,783
21	R-6,	Supplying PVC roller for sliding windows as per direction of	4.20	Each	4.20	₹ 14.00	₹ 59
22	R-7,	Supplying manut lock (100 mm)	4.00	Pair	4.00	₹ 46.00	₹ 184
23	G-23,	Supplying hydraulic door closer fitted and fixed complete	1.00	Set	1.00	₹ 2,064.00	₹ 2,064
24	R-8, Page-242	Supplying EPDM gasket of approved make and brand as per i) For sliding window.					
		b) U shaped EPDM gasket frames.					
		ii) weather gasket / wood pile for door					
25	R-9, Page-243	Supplying bubble free float glass of approved make and brand i) 4mm thick coloured/ tinted/ smoke Glass.	16.20	Meter	16.20	₹ 15.00	₹ 243
		ii) 8mm thick coloured/ tinted/ smoke Glass	4.20	Meter	4.20	₹ 19.00	₹ 80
26	R-12, Page-	Supplying 4 lever mortise lock or any approved make and i) 150mm.	2.40	Sq.M	2.40	₹ 468.00	₹ 1,123
			2.10	Sq.M	2.10	₹ 907.00	₹ 1,905
			1	Each	1	₹ 378.00	₹ 378

Sl No	Item No	Description	Nos	Length	Breadth	Height	Quantity	Unit	Total Quantity	Rate	Amount
27	R-13. Page-	(B) Supplying 125 mm. Dia acrylic handle for (a) Natural Colour						Each	2	₹ 181.00	₹ 362
28	F-18. Page106	Collapsible gate with 40mm x 40mm x 6mm Tee as top and in ground floor.						Sq.M	3.15	₹ 3,402.00	₹ 10,716
TOTAL											₹ 1,05,606
Add 12% GST											₹ 12,673
Total											₹ 1,18,279
Add 1% Labour Welfare Cess											₹ 1,183
Say:											₹ 1,19,462



 02/12/20

ELECTRICAL ESTIMATE

NAME OF WORK :-Electrical Installation for CBNAAT Room at Murarai BPHC under Rampurhat HD

Sl. No		ITEMS	QNTY	Unit	RATE (Rs)	AMOUNT (Rs)
SITC OF AC Machines						
1	Non-Schedule item	SITC of 1 Ton split type A.C machine having the following specification & features. a) Cooling capacity nominal (BTU/HR) - 5120 b) Star Rating - 3 star c) Rated Voltage-220 v \pm 5%, Frequency - 50 Hz d) Compressor Type-High EER Rotary e) Refrigerant Gas R-22 (Outdoor unit to be fixed on wall by S & F necessary iron base support and iron frame protection on wall if required and must be copper base condenser, and also evaporate & condense pipe line copper base) [Make :- HITACHI/ CARRIER (N.S)] (Brand as per choice of EIC)	1	set	41,600	41,600.00
2	Non-Schedule item	AC machine Outdoor Unit installation bracker iron base chair. [N/S]	1	nos.	850.00	850.00
3	Non-Schedule item	S&F 15.88mm & 6.35mm copper pipe with keno foam insulation & 3 core 2.5 sqmm & 4 core 1.5 sqmm copper unarmoured cable. [for connection of plug socket to out door unit & out door to indoor unit] [N/S]	15	Mtr.	800.00	12,000.00
4	Non-Schedule item	S&F 15 mm PVC flexible drain pipe [N/S]	10	Mtr	103.00	1,030.00
5	Non-Schedule item	Havells DBOXX MCB Protected Socket 25 A MCB DBOXX COMBO DP (With Sheet Steel Enclosure) [N/S]	1	nos.	750.00	750.00
Distribution wiring						
6	E11 item no. 2	Distribution wiring in 1.1 KV grade 2x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire (Finlex / Mescab) in suitable size PVC casing-capping (Precision make) with 1x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire for ECC. Incl. ney. PVC clips, fittings etc. to light/fan/call bell point with piano key type switch (Anchor make) fixed on sheet steel fabricated switch board with Perspex/bakelite top cover on wall incl. ney. connections and making earthing attachment and mending good damages to building works [PVC casing capping and Switch board both on surface] Avg run 8 mtr.	10	pt.	835.80	8,358.00



14	Non-Schedule item	S&F of 4ft 18watt Single LED tube (Line) light fittings complete with all accessories [PHILIPS/Compton make]	2	set	680	1360
					Rs	97501.90
					Add. @ 12% GST	11700
					Rs	109202
					Add Labour Cess@1%	1092
					Add Contingency @ 3%	3276
					Total RS	113570
One Lakh Thirteen Thousand Five Hundred Seventy Rupess Only						


07/12/20

Assistant Engineer
National Health Mission
District Health & Family Welfare Samiti/
Health & Family Welfare Department
Govt. of West Bengal