

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	302	(W)	Press
B.P. No.			Mis.
Dated	5-2-		1876.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
5th February 1876.*

No. 41. Read the following letter from Colonel W. A. CROMMELIN, R.E., Deputy Secretary to the Government of India, Public Works Department, (Military Works,) to Major-General G. W. WALKER, R.E., Secretary to the Government of Madras, Public Works Department, dated Fort William, 22nd January 1876, No. 123 M.W. :—

I AM directed to acknowledge the receipt of your letter, No. 3,580, dated 21st December 1875, and with reference to the explanations and representations therein advanced to communicate the sanction of the Government of India to an expenditure

Two lakhs and eight thousand Rupees. of Rupees 2,08,000 upon the conversion of the Public Works Stores and Workshops at Madras into a Military Hospital, but I am at the same time to remark that the Government of India consider the project to be expensive and not altogether satisfactory.

2. This sanction is registered in this office as No. 108 M.W. of 1875-76, and the estimates and plans of your letter are returned.

No. 42. ORDER THEREON, 5th February 1876, No. 302.

MILITARY WORKS, No. 1.

COMMUNICATED to the Consulting Architect to Government and to the District Engineer, Presidency, who will take steps for utilizing the sum of Rupees 30,000 available for the work within the current official year. The transfer made in G.O., No. 3,510, of 11th December 1875, will be cancelled, and the additional sum of Rupees 15,000 required for the Wellington Barracks will be transferred from the allotment for the hospital at Poonamallee.

(True Extract.)

Major-General, R.E.,
Secretary to Government.

To the District Engineer, Presidency.

" " Chingleput.

" " Nilgiris.

" Controller of Public Works Accounts.

" Military Department.

Exd. E. C. Shunker.

Spare Copies

2

Converting the P.W. Workshop
into a Military Hospital.

Estimate. Rupees 187,270.0.0

477
20700

4802
M. 5045
11/75

Consulting Architects Office
1st June 1875.

M. 780/76413
7/12413
4
5
Recd. 5th Feb 76 B. 41

9/1875

Mr 7802/75

Converting the Public Works Workshop into a Military Hospital

Summary of Estimates

1	Converting the Main Building into a Male Hospital	96,593	.	.
2	Converting the Foundry into a Female Hospital and Matrons quarters	34,595	.	.
3	Converting the Smiths shed into Medical stores, Dispensary, sergeants quarters &c	24,231	.	.
4	Converting the Iron store into Purveyors store, Observation ward, Day room &c	22,237	.	.
5	Hospital Cook House and Covered way	2,976	.	.
6	General Latrine & Bath room, & covered way	4,529	.	.
7	Ambulance shed	10,75	.	.
8	Dead House	10,34	.	.

Total Rupees 1,87,270 . .

2720
1,60,000

Consultg archts Office
1st June 1875

R. L. Simpson
Capt R.E.

Offg Consultg Archt to Govt

Sub

Converting the Public Works Workshop into a Military Hospital

Estimate for converting the Main building into a
Male Hospital

Detailed quantities

Detail of work	No	L	B	D	Contents	Total
<u>Excavation for foundations</u>						
Front Verandah	2	122	0	7	0	11956
partitions	4	12	6	7	0	2450
	4	14	0	7	0	2744
	2	13	0	7	0	1274
Back Verandah	2	122	0	7	0	11956
partitions	2	6	0	7	0	588
	2	14	0	7	0	1372
	2	13	0	7	0	1274
Rooms North and South sides	4	61	0	7	0	11956
Towers	4	54	0	7	0	10584
Partitions North and South sides	2	5	0	7	0	490
Spirals	4	6	0	6	0	1008
					cubic feet	57652
					cubic yards	2135
<u>Concrete 12" thick</u>						
= $\frac{1}{7}$ of excavation =					cubic yards	305

Brickwork Superstructure lower story

Sides of entrance back and front	4	3	6	3	6	17	0	833
front	2	3	0	4	0	17	0	408
rear	2	3	6	3	6	17	6	429
Partitions front and rear	8	9	6	2	0	17	0	2584
Sides of entrance front	2	3	0	2	0	17	0	204
rear	2	11	3	2	0	17	0	765
Front walls returns	2	2	3	4	6	17	0	344
partitions	4	12	0	2	0	17	0	1632
adjoining Towers	2	1	9	2	3	17	0	134
Partitions in back verandah	2	8	0	2	0	17	0	544
"	2	6	0	2	0	17	0	408
Over archway sides of entrance front	2	11	6	2	0	3	0	138
Over stone columns front & rear	4	41	0	1	6	3	0	738
front	2	24	0	1	9	3	0	252
"	2	23	6	1	9	3	0	247
Back verandah wall adjoining								
Purveyor's medical stores	2	60	6	2	0	17	0	4114
Rooms north and south sides	4	61	0	2	0	17	0	8296
Partitions in passage	2	10	0	2	0	17	0	680
"	6	4	0	2	0	17	0	816
Towers	4	54	0	2	0	17	0	7344
" Angles	12	5	0	1	6	17	0	1530
Spirals	4	4	6	4	3	17	0	1301
"	4	2	9	4	3	17	0	795
Four 1/4 circles 8ft diam	1	56	9	area	17	0		965
Cisterns	2	8	6	4	0	2	6	170
Latrine partitions	2	9	0	0	6	8	0	72
"	6	3	0	0	6	8	0	72
Sides of doorways	47	1	6	0	6	28	0	987
"	1	2	0	2	0	28	0	112
								36,914

								Brought forward cubic ft	36,914
Deductions									
Verandah openings									
back and front	8	6	0	2	0	6	6	624	
"	4	7	0	2	0	6	6	364	
Openings in passage & d. sides	2	8	0	2	0	7	0	224	
"	6	4	0	2	0	7	0	336	
"	2	5	1/2	2	0	6	6	133	
Openings into store rooms	2	10	0	2	0	5	0	200	
into verandah west	2	5	6	2	0	6	6	143	
"	2	4	6	2	0	6	0	108	
Openwork	2	9	0	2	0	6	0	216	
Entrances to Latrines & baths	4	3	0	2	0	3	6	84	
" spirals	4	2	6	2	6	3	6	88	
North and south rooms, doors	8	3	6	2	0	6	0	336	
" windows	4	3	6	2	0	4	6	126	
Turret openings	12	9	0	2	0	8	0	1728	
									4710
								cubic feet	32,204
								cubic yards	1193

Brickwork Upper storey

Sides of entrance Arch									
back and front	4	3	6	3	6	29	6	1446	
Entrance Archway front and rear	2	20	0	2	0	29	6	2360	
Sides of do back	2	3	6	3	6	24	0	588	
front	2	3	0	4	0	24	0	576	
"	2	14	0	1	6	24	0	1008	
back	2	13	0	1	6	24	0	936	
								carried over	6,914

Cutstonework

Pillars for verandah	28	1	3	1	3	14	6	634
do	16	1	6	1	6	14	6	522
Turret window Piers	48	1	3	1	6	11	0	990
do	48	0	10	1	6	11	0	660
do upper	48	1	3	1	6	11	0	990
do do	48	0	9	1	6	1	6	81
Over lower piers	12	36	0	0	10	1	6	540
Over upper piers	12	28	0	0	10	1	6	420
Upper columns in domes	16	0	7	0	7	2	6	14
do do bases	16	1	3	1	3	0	9	19
do do Capitals	16	1	4	1	4	1	0	28
do do imposts	16	1	3	1	3	2	0	50
Arches over do	16	1	3	13	6	0	9	203
Lower verandah arches	24	5	6	0	9	5	6	545
do	12	5	6	1	0	5	6	363
do	2	7	0	1	0	5	6	77
do	2	11	0	1	0	6	0	132
Imposts for upper columns	16	1	6	1	6	4	0	144
do	28	1	3	1	3	4	0	175
Corbels for arches entrances	4	4	0	1	9	1	6	42
do sides	4	3	0	1	9	1	3	26
do do	4	2	6	1	6	1	0	15
Columns for Pinnacles over entrance	16	0	6	0	6	2	0	8
do bases	16	1	0	1	0	0	8	11
do Capitals	16	1	3	1	3	0	10	21
Slabs below columns	4	3	6	3	6	0	4	16
Brackets over do	16	2	6	0	4	1	9	23

Cubic feet 6749

Cutstone steps

North and south side	2	10	0	0	6	2	0	20
"	2	42	0	0	6	1	3	53
To staircase room	2	16	0	0	6	2	0	12

Cubic feet 85

Filling in basement Verandah front

	2	42	0	10	0	2	0	1680
	2	16	0	9	6	2	0	608
	2	7	0	2	9	2	0	77
	2	11	0	11	6	2	0	526
	2	36	6	9	0	2	0	1314
Back	2	54	0	10	0	2	0	2160
Stairs rooms	2	17	0	9	6	2	0	646
Passages west side	2	32	0	10	0	2	0	1280
Do North and south side	2	18	0	10	0	2	0	720
	2	19	3	4	0	2	0	308
	2	13	0	4	1	2	0	215
	2	13	0	5	1	2	0	267
Ablution rooms	4	12	6	12	6	2	0	1250
Baths and Latrines	4	12	0	12	0	2	0	1152

Cubic ft. 12183
Cubic yards 457

Doors and windows

Lower story								
Doors with circular heads	48	5	0	13	0			3120
Ablution room doors	8	3	6	12	0			336
Do windows	4	3	6	8	6			119
Bath room doors	4	3	0	7	0			84
Tower windows	36	1	6	11	6			621
Do Circular	36	1	6	1	6			81
Upper story								
Doors with circular heads	52	5	0	13	0			3380
Ablution room doors	8	3	6	12	0			336
Do windows	4	3	6	8	6			119
Bath room door	4	3	3	7	0			91
Tower windows	36	1	6	11	6			621
Circular do	36	1	6	1	6			81
Tower upper windows	32	1	6	7	0			336
Do Circular	16	1	6	1	6			36

Supl feet 9361

Seakwood wrought and put up including painting

Lower story

Ablution room joists	4	10	15	60	40	7	121
Latrines and baths joists	4	9	15	00	40	7	105
Passages North and south	2	13	13	00	40	6	56
Passage joists	2	16	6	60	30	4	17
Do beams	2	6	6	60	60	6	3
Do joists	2	12	8	00	30	4	16
Do joists	2	9	7	00	30	4	11
Back verandah and passage	2	59	13	00	40	6	256
Front verandah	2	6	12	00	40	6	24
	2	6	14	60	40	6	29
	2	30	13	00	40	6	130
	2	8	14	60	40	6	39
	2	8	11	60	40	6	31
	2	6	13	60	40	6	27
	2	12	11	60	40	6	46

Upper story

Ablution room joists	4	10	16	00	40	7	125
Latrines and baths joists	8	9	15	00	40	7	210
Passages North and south	2	10	13	00	40	6	43
Passage joists	2	23	6	60	30	4	25
Passage beam	2	13	00	60	9	10	10
Do	2	4	6	90	60	6	7
Passage joists	2	9	8	00	30	4	12
Do	2	9	7	00	30	4	11
Back verandah joists	2	6	13	00	40	6	277
Stairs room	2	12	12	60	40	6	50
Front verandah	2	6	12	00	40	6	24
Do	2	6	14	60	40	6	29
do	2	30	13	00	40	6	130
Front verandah joists	2	8	14	60	40	6	39
Do	2	8	12	00	40	6	32

Carried over left 1935

Sprought forward left 1935

Front verandah joists	2	6	14	00	40	6	28
do	2	12	12	00	40	6	48
Entrance front and back	2	13	14	60	40	6	63

Carryft 2074

Painting

Doors and windows	3	9361	Area	28083
			Squares	281

Plastering interior

Lower story

North and south wards interior	2	255	0	16	3	8288
Store rooms	2	72	0	16	3	2340
Ablution rooms	4	53	0	16	3	3445
Baths and Latrines	4	48	0	16	3	3120
Staircase rooms	2	54	0	16	3	1755
Verandah	2	213	0	16	3	6923
Partitions	2	16	0	16	3	520
	2	9	6	16	3	309
	2	12	0	16	3	390
	2	10	0	16	3	325
	4	12	6	16	3	813
	4	9	0	16	3	585
	8	10	0	16	3	1300
Passages North & South side	2	43	3	16	3	1406
	2	10	0	16	3	325
	2	115	0	16	3	3738
West side	2	50	0	16	3	1625

Carried over left 37207

Brought forward I. ft 37.207

sides & soffit of entrance	1 33.6	42.0	1407
Spirals	4 17.3	17.0	1173
above Piers in Verandah	4 41.0	8.0	1312
	4 24.0	8.0	768
<u>Upper story</u>			
North and south ward interior	2 96.0	25.6	4896
	2 30.0	8.6	510
	2 92.0	17.0	3128
Central ward D.	1 135.0	25.6	3443
D. Pillars D.	4 15.0	5.0	300
D. D. D.	4 6.0	19.0	456
Ablution rooms	4 56.0	17.0	3808
Baths and Latrines	4 48.0	26.0	4992
Staircase rooms	2 55.0	22.0	2420
Verandah front	2 56.0	22.0	2464
Partitions	4 12.6	17.0	857
	4 9.6	17.0	646
	2 10.0	17.0	340
Verandah back & front	4 91.0	17.0	6188
Back Verandah Partitions	2 10.6	17.0	357
Passages North & south sides	2 34.0	17.0	1156
	2 108.0	17.0	3672
D. in back verandah	2 66.0	17.0	2244
Spirals	4 17.3	32.0	2208
Inside domes in Turrets	4 50.0	8.0	1600
	2 531.0 Area		1062
over Columns in Verandahs	4 41.0	8.0	1312
D.	4 24.0	8.0	768
D.	2 7.0	8.0	112

Sft. 90799

Squares 908

Plastering exterior

Entrance back & front	2 57.0	48.0	5472
	4 20.0	23.0	1840
Sides of entrance front	2 20.0	44.0	1760
back	2 20.0	44.0	1760
Verandah front & back	4 41.0	40.0	6560
front	2 69.0	40.0	5520
back	2 16.0	40.0	1280
upper portions	2 28.0	13.0	728
	2 8.0	20.0	320
	2 9.0	23.0	414
East and west faces	2 42.0	40.0	3360
Spirals	4 9.0	57.0	1836
Towers	4 57.0	45.0	10260
de	4 64.0	8.0	2048
de over domes	2 804.3 area		1609
de Pinnacles	16 12.0	10.0	1920
Raised portions of roof sides	2 138.0	10.0	2760
D Pinnacles	8 8.0	9.0	576
D Central portion	1 147.0	10.0	1470
Pinnacles over entrances	4 14.0	13.0	728

Supt ft 52221

Squares 522 1/4

Terracing

Finish floor	2 41.0	12.6	1025
Front Verandah	2 17.0	10.6	357
	2 8.0	3.0	48
	2 13.0	14.6	377
	2 12.9	11.6	293
	2 8.0	13.0	208
	2 18.0	11.6	414

Carried over Supt ft 2722

Brought forward S. ft. 2722

Back Verandah	2 41 . 0	12 . 6	1025
Do.	2 47 . 0	11 . 0	1034
Do.	2 18 . 0	11 . 0	396
Passages north and south sides	2 16 . 0	11 . 0	352
Do.	2 33 . 3	5 . 0	333
Do.	2 13 . 0	5 . 6	143
Do.	2 17 . 6	6 . 0	210
Do.	2 5 . 0	5 . 0	50
Ablution rooms	4 15 . 0	13 . 6	810
Baths and Latrines	4 13 . 0	13 . 0	676
Terrace			
Over entrances front & rear	2 19 . 0	13 . 6	513
Front verandah	2 17 . 0	11 . 0	374
Do.	2 8 . 0	3 . 0	48
Do.	2 41 . 0	12 . 6	1025
Do.	2 13 . 0	14 . 6	377
Do.	2 12 . 9	11 . 6	293
Do.	2 8 . 0	13 . 0	208
Do.	2 18 . 6	11 . 6	426
Back verandah	2 41 . 0	12 . 6	1025
Do.	2 53 . 0	11 . 0	1166
Passages north & south sides	2 18 . 0	11 . 0	396
Do.	2 14 . 9	11 . 0	326
Do.	2 33 . 0	5 . 0	330
Do.	2 13 . 0	5 . 6	143
Ablution rooms	4 15 . 9	14 . 3	898
Baths and Latrines	4 13 . 0	13 . 0	1352

Suplft 16820
Squares 168 1/4

Flooring with Asphalt 3/4 thick

Basement floor			
Ablution rooms	4 12 . 6	12 . 6	625
Baths and Latrines	4 12 . 0	12 . 0	576

Carried over S. ft. 1201

Brought forward S. ft. 1201

Staircase room	2 17 . 0	10 . 0	340
Verandah front	2 16 . 0	9 . 6	304
Do.	2 3 . 0	7 . 0	42
Do. front & back	4 41 . 0	12 . 0	1968
Do. front	2 2 . 6	10 . 0	50
Do.	2 11 . 0	14 . 0	308
Do.	2 12 . 0	11 . 0	264
Do.	2 7 . 0	12 . 6	175
Do.	2 17 . 0	11 . 0	374
Back verandah & passage	2 44 . 6	10 . 0	890
Passages north & south sides	2 16 . 0	10 . 0	320
Do.	4 16 . 6	4 . 0	264
Do.	2 19 . 0	5 . 12	195
Do.	2 12 . 6	5 . 12	128
Door pieces	54 4 . 6	1 . 6	365
Do.	8 3 . 6	2 . 0	56
Do.	4 3 . 0	2 . 0	24
Do.	4 2 . 6	6 . 0	60
Archways	4 7 . 0	2 . 0	56
Do.	8 6 . 0	2 . 0	96
Do.	2 11 . 0	2 . 0	44
Do.	2 8 . 0	2 . 0	32
Upper floor			
Ablution rooms	4 14 . 9	13 . 3	782
Latrines	4 12 . 0	12 . 0	576
Stairs room	2 17 . 0	10 . 6	357
Verandah front and back	4 41 . 0	12 . 0	1968
Do.	2 16 . 0	10 . 0	320
Do.	2 3 . 0	7 . 0	42
Do.	2 2 . 6	10 . 0	50
Do.	2 11 . 0	14 . 0	308
Do.	2 12 . 0	11 . 0	264
Do.	2 7 . 0	12 . 0	168
Do.	2 17 . 0	11 . 0	374

Carried over Supl ft. 12765

Cast Iron Columns — 28 — in No.

Over entrances	2	58	0	116
Do sides	4	33	0	132
Over central ward	2	48	0	96
Do North & South	2	140	0	280
Over verandah front	2	108	0	216
Do rear	2	102	0	204
ends	2	58	0	116
Over Towers	4	80	0	320
				1480

Cornice

Cornice			
Lower string front	2	116.0	212
Do back	3	45.0	90
Entrances front sides	2	46.0	92
Do sides	4	20.0	80
North and south ends	3	58.0	116
Towers	4	56.0	224
			Linear ft. 814

244.0 7.6 96 Linft

Over front verandah	2 108.00	216
Do. back do.	2 102.00	204
end	2 42.00	84
Over raised ward north & south	2 140.00	280
		Total 784

Projecting windows_____ 2. in Number

Staircases _____ 2 in Number

Findings for closet: _____ 12 in Number

Basins for ablution room - 12 in Number

Patent Urinals	4	in Number
Gilded finials for Towers	4	in Number
Do. for Spirals	4	in Number
Minarets on entrance	4	in Number
Small Minarets	8	in Number
Do. over Towers	16	in Number
Lift	1	in Number
Air Shafts	8	in Number

Converting the Public Works Workshop into a Military Hospital

Estimate for converting the Main building into a Male Hospital

Abstract

Quantity	Item	Rate Per	Amount
2135	Excavation for foundations	2.00	266 14
305	Concrete	4.00	1220
768	Brickwork in foundations	5.00	3840
216 1/2	Do. in basement	5.00	1082 8
1193	Do. in Superstructure	6.00	7158
1634	Do. Lower story	6.80	10621
167	Do. Upper story	12.00	2004
486	Do. in domes	6.00	182 4
486	Openwork with square tiles	3.00	855
285	Lft. Iron railings	2.12	1855 12
6749	Lft. Cut stonework	1.12	148 12
85	Do. for steps	2.00	56 6
457	Lft. Filling in basement	1.40	11701 4
9361	Lft. Doors and windows	3.40	6740 8
2074	Lft. Teakwood wrought and put up including painting	4.12	1334 12
281	sq. Painting doors and windows	4.80	4086
908	Plastering interior	5.00	2611 4
522 1/4	Do. exterior	27.80	4626 14
168 1/4	Terracing	20.00	3055
162 1/4	Flooring additions with asphalt 3/4 inch thick over jelly	90.00	2520
28	No. Cast iron columns	3.00	4440
1480	Lft. Main cornice with Cuddapah slabs	6.00	305 4
814	Lower cornice		

Carried over Rs. 87415 6

96	Lft	Mouldings in Towers	"	8	Lft	48
784	"	Ornamental Parapet	"	1	8	1176
2	No	Projecting windows complete	200	"	each	400
2	"	Staircases complete	350	"	"	700
12	"	Fittings for closets	7	"	"	84
12	"	Basins for ablution room	10	"	"	120
4	"	Patent Urinals	30	"	"	120
4	"	Gilded finials for Towers	75	"	"	300
4	"	Do for Spirals	40	"	"	160
4	"	Minarets over entrance	30	"	"	120
8	"	Small Minarets	25	"	"	200
16	"	Do Do over Towers	25	"	"	400
1	"	Lift				150
8	"	Air shafts	50	"	"	400
		Dismantling Brickwork & removing windows &c				200

91993 6
4599 10

Total Rupees. 96,593 - -

Consultg archt's Office
1st June 1875

1st June 1875

W. L. Thompson Capt. R.E.
Offg. Consulting Archt. to Govt.

Offg Consulting Archt: to Govt.

Converting the Public Works Workshops at Chepauk into a Military Hospital

Estimate for converting the Foundry into a Female Hospital
and Matrons quarters.

Detailed quantities.

Excavation for foundations

Longitudinal wall

Partition walls

L.

22

6

Steps

1	109	3.7	0.7	0	5353
2	20	6.7	0.7	0	2109
2	20	6.6	0.7	0	1722
1	8	6.6	0.7	0	357
2	18	0.7	0.7	0	1764
1	25	0.8	0.2	0	400

Subst. 11605

Cubic yards 430

Concrete 12" thick

Concrete 12" thick
Excavation $\div 7$

Subie yards $61\frac{1}{2}$ V

Brickwork in foundations
Footings

Footings

Longitudinal wall

Partitions

1	109	. 33	. 62	. 6	956	✓	
2	22	. 33	. 62	. 6	389	✓	
2	18	. 03	. 62	. 6	315	✓	
2	22	. 33	. 02	. 6	334	✓	
1	10	. 33	. 02	. 6	77	✓	
Carried over					66	2071	✓

Carried over b/f 2071

Brought forward 2071

Above footings to ground level

Longitudinal wall
Partitions

1	119	.3	2	.0	3	.6	765
2	23	.0	2	.0	3	.6	322
2	18	.0	2	.0	3	.6	252
2	23	.0	1	.6	3	.6	242
1	11	.0	1	.6	3	.6	58
1	25	.0	8	.0	1	.9	350

Steps

Cubic feet 4060

Cubic yards 150 1/2

Brickwork in basement

Longitudinal walls
Partitions

1	109	.3	2	.0	4	.0	874
2	23	.0	2	.0	4	.0	368
2	18	.0	2	.0	4	.0	288
2	23	.0	1	.6	4	.0	276
1	11	.0	1	.6	4	.0	66

Steps

1	19	.0	4	.0	4	.0	304
---	----	----	---	----	---	----	-----

2176

Deduct cut stone in steps

250

Cubic feet 1926

Cubic yards 71 1/3

Brickwork Superstructure

Lower story

Longitudinal wall
Partitions

1	109	.3	2	.0	19	.0	4152
2	23	.0	2	.0	19	.0	1748
2	18	.0	2	.0	19	.0	1368
2	23	.0	1	.6	19	.0	1311
1	11	.0	1	.6	19	.0	314

Pilasters east side

Do

Do

Band over do
Filling Archway

Do Circles

Do

Do Circles

Do

Do Circles

Do

Do Circles

Do

Do Circle

Gaps in walls

6	1	.9	0	.6	23	.0	121
2	2	.6	0	.6	23	.0	58
2	3	.0	0	.6	23	.0	69
2	113	.0	0	.6	2	.6	283
6	8	.9	2	.0	14	.0	1470
3	60	.0	area	2	.0		360
8	7	.9	2	.0	14	.0	1736
4	47	.3	area	2	.0		378
1	9	.1 1/2	2	.0	14	.0	256
1/2	65	.4	area	2	.0		65
2	7	.9	2	.0	14	.0	434
1	47	.3	area	2	.0		95
1	6	.6	2	.0	14	.0	182
1/2	33	.3	area	2	.0		33
20	1	.6	1	.6	23	.0	1035

15468

Deductions

Store room doors

Doors

Windows

Do

Do

Archway

Do

Ventilators

Cut stone

2	6	.0	2	.0	5	.0	120
16	5	.0	2	.0	5	.0	800
4	5	.0	2	.0	3	.6	140
3	4	.0	2	.0	3	.6	288
3	4	.0	2	.0	3	.6	84
4	2	.6	2	.0	3	.6	70
1	8	.0	1	.6	7	.0	84
2	4	.0	2	.0	6	.0	96
18	3	.6	2	.0	1	.0	126

130

1650

Cubic feet 13813

Cubic yards 512

Brickwork upper story

Longitudinal walls	2	113	31	619	9	6710
do	2	113	01	614	0	4746
Gross walls	4	24	01	619	9	2844
do	4	18	61	614	0	1564
do	2	11	61	614	0	483
						<u>16337</u>

Deductions

Doorways	16	5	01	65	0	600
Windows	4	5	01	63	6	105
Arches in Verandah	36	4	01	64	6	972
Openings	2	10	61	619	9	622
Ventilators	18	3	61	64	0	378
Cutstonework						<u>105</u>
						2937

Cubic feet 13400

Cubic yards 496 $\frac{2}{3}$

Filling in basements

	102	3	23	01	0	2352
	103	3	18	01	0	1859
	108	0	11	01	0	1188

Cubic feet 5399

Cubic yards 201

Cut stone Ashlar

Imposts upper Verandah

Arches	48	15	61	62	0	81
Slabs under beams	6	3	01	30	6	11
do	6	2	61	30	4	46
do	8	2	01	30	4	47
do	4	3	01	90	6	11
do	5	2	61	90	4	7
do	7	2	01	60	4	7

Cubic feet 130

Cut stone steps

front and rear

2 200 01 30 6 250 cubft

Doors and windows

Lower story

Store room doors	2	6	0	10	0	120
doors	16	5	0	10	0	800
Windows	4	5	0	7	0	140
do	3	4	0	7	0	84
do	4	2	6	7	0	70
Ventilators	18	3	6	2	0	126

Upper story

Doors

	17	5	0	10	0	850
	2	4	0	10	0	80

Windows

	4	5	0	7	0	140
	2	4	0	7	0	56
	4	2	6	7	0	70

Ventilators

	18	3	6	4	0	252
--	----	---	---	---	---	-----

Supplft 2788

Teakwood wrought & put up & painted

Lower story beams	4	26	01	21	6	182
do	5	21	00	10	2	102
do	7	14	00	70	9½	45
do joints	128	13	00	40	6	377
do	16	18	00	40	8	64
Joints - for verandah	13	122	00	40	6	264
do	8	122	00	40	6	163
Upper story						
Beams	6	30	01	21	6	315
do	6	22	60	10	1	131
do	8	15	30	70	9½	56
Short beams at ends	10	2	60	70	9½	12
do	10	2	60	10	1	24
do	14	3	01	21	6	74
Joints	22	121	00	40	6	444
do	13	121	00	40	6	262
do	8	121	00	40	6	161

Cubics ft 2576

Painting doors & windows

3 2788

8364 Lft

Squares 83¾

Plastering interior

Upper story

Plastering exterior

Terracing

Lower story

Upper story

1	89	0	18	3	1624
1	89	6	18	3	1633
1	76	0	18	3	1387
1	66	0	18	3	1205
1	114	0	18	3	2081
2	57	0	18	3	2081
1	279	6	18	3	5701
1	237	6	18	3	4334
1	172	0	19	0	3268
1	73	0	19	0	1387
1	91	6	19	0	1739
1	243	0	13	3	3220
1	325	0	13	3	4306
2	27	0	19	0	1026
Suplft 34392					Squares 3444
2	113	3	43	0	9740
2	60	0	43	0	5760
Suplft 14900					Squares 149
1	107	0	24	0	2568
1	107	0	19	0	2033
1	107	0	12	0	1284
1	107	0	30	0	3480
1	116	0	19	6	2145
1	110	0	12	6	1375
1	110	0			
Suplft 12885					Squares 129

Flooring with Asphalte
over jelly.

Lower story.

1 102.3 23.0 2352 ✓

1 103.9 18.0 1868 ✓

1 107.9 11.0 1185 ✓

Door pieces.

2 6.0 2.0 24 ✓

16 5.0 2.0 160 ✓

2 4.0 2.0 16 ✓

Archways.

13 7.6 2.0 195 ✓

4 9.0 2.0 72 ✓

2 8.0 1.6 24 ✓

Upper story.

1 105.9 24.0 2562 ✓

1 85.9 18.6 1586 ✓

1 111.3 11.6 1279 ✓

Door pieces.

16 5.0 1.6 120 ✓

2 4.0 1.6 12 ✓

1 5.0 0.6 3 ✓

Passages.

2 10.6 1.6 32 ✓

Suplft 11490 ✓

Squares 115 ✓

Cast Iron Columns

18 in Number

Iron Railing

13 7.6 97 ✓

2 8.9 18 ✓

Linealft 115 ✓

Cornice
Exterior

2 113.0 226 ✓

2 33.0 66 ✓

292 Linealft

Mouldings over Piers

4 11.0 44 ✓

4 10.0 40 ✓

9 9.6 86 ✓

1 28.0 28 ✓

1 18.0 18 ✓

2 60.0 120 ✓

Linealft 336 ✓

Ornamental Parapet

2 113.0 226 ✓

2 33.0 66 ✓

Linealft 292 ✓

Spaced partition

1 24.0 19.0 456 ✓

Deduct

1 5.0 10.0 50 ✓

Linealft 406 ✓

Stair cases

2 in Number.

8 38.0 304 Linealft

Zinc fall pipes

Converting the Public Works Workshop at Chepauk into a Military Hospital

Estimate for converting the Foundry into a Female Hospital
and Matrons quarters.

Abstract

Quantity	Item	Rate	Per	Amount
430	Excavation for foundations	2	by	53 12
61 1/2	Concrete	4		246
150 1/2	Brickwork in foundations	5		752 8
71 1/3	D° in basement	5		356 10 8
512	D° in Superstructure	6		3072
496 1/3	D° Lower storey	6 8		3226 2 8
200	D° Upper storey	2		25
130	Filling in basement	2 12	by	357 8
250	cut stone ashlar	1 12		437 8
2788	D° steps	1 4	by	3485
2576	Doors and windows	3 4	by	8372
83 1/2	Teakwood wrought and put up including painting	4 12	by	397 13
344	Painting doors and windows	4 8		1548
149	Plastering interior	5		745
129	D° exterior	27 8		3547 8
115	Terracing	20		2300
18	Flouring with Asphalte over jelly	65	sacks	1170
115	Cast iron columns	3	by	345
292	Iron railing	1		292
336	Cornice	8		168
	Mouldings over Piers			
Carried over				30897 6 4

Brought forward Rs. 30,897.64

292	Sq. Ornamental Parapet	18	Sq.	438	-
304	" Zinc fall pipes	8	"	152	-
406	" Framed Partition	18	"	609	-
2	" Staircases	350	sack	710	-
	Dismantling portions of existing building and removing windows			150	-

Contingencies at 5 percent

Total Rupees 34,595

Consulting Archt. Office
1st June 1875

Sub

R. E. Symonds
Captain R.E.
Offs. Cons. Archt. to Govt.

40787

3.

Converting the Public Works Workshop into a Military Hospital

Estimate for converting the Smiths shed into medical stores,
Dispensary, Sergeants quarters &c.

Detailed quantities

Detail of work.	N	L	B	D	Contents	Total
<u>Excavation</u>						
Longitudinal wall	1	114	67	07	0	5611
	1	73	67	07	0	3602
Between Piers	15	10	4 1/2	7	07	7626
Retaining wall for Verandah	1	170	05	67	0	6545
Partitions	3	21	66	07	0	2709
"	3	15	66	07	0	1953
"	2	9	65	67	0	732
"	1	7	66	07	0	315
Steps	3	14	03	02	0	252
						Cubic ft. 29,345
						Cubic yds. 1087

Concrete 12" thick
Excavation : 7 = Cubic yards 155

Brickwork in foundations

Longitudinal walls.	1	114	63	62	6	1645	
	1	73	63	62	6		
Between Piers	15	10	4 1/2	3	62	6	1362
Partitions	3	23	33	02	6	984	
	3	17	33	02	6		
	1	9	93	02	6		
	2	11	32	92	6	1323	
	1	170	02	92	6		
Retaining wall for Verandahs						5314	
						Carried over left	

Doors and windows

Doors	30	4	6	10	0	1350
Windows	4	2	6	6	0	80
Large door	1	10	0	10	0	100
Ventilators	30	4	6	5	6	743
Doors	3	3	0	7	0	63
Windows	2	3	0	4	0	24
						<u>Suplft 2340</u>

Teakwood wrought & put up including painting

Beams	5	31	61	21	6	276
	3	25	60	10	1	74
Joists	23	119	00	40	6	456
	18	77	00	40	6	231
Verandah Joists	49	16	60	40	6	135
do	76	10	60	30	4	67
do rafters	125	13	00	30	4	135
Store room Joists	28	14	00	40	6	65
Bread summer	1	206	00	8	0	92
Eaves boards	1	190	00	60	1	8
						<u>Cubic ft 1539</u>

Painting doors & windows

3 2340 7020

Squares 70 1/4

Plastering interior

Medical stores	1	124	0	24	3	3007
Dispensary	1	119	0	24	3	2884
Operating room	1	96	0	24	3	2328
Store room	1	70	0	24	3	1698
Bed room & sitting room	3	82	0	24	3	5966
Doaths	2	45	0	17	3	1553
Verandah	1	121	0	17	3	2087
						<u>Carried over 19523</u>

Verandah

do
Cook & store room

Brought forward Suplft 19523

1	238	0	17	3	4106
1	194	0	16	0	3104
2	62	9	17	3	2165

Suplft 28898

Squares 289

Plastering exterior

North side

do

South side

do

do

Pillars

Basement

1	237	0	20	0	4740
7	193	0	7	0	1357
6	188	6	8	0	1508
1	22	9	20	0	455
1	12	0	27	0	324
16	5	0	11	0	880
1	197	6	2	0	395

Suplft 9653

Squares 96 1/2

Terracing

Verandah

Cook room & stores

1	114	6	31	6	3607
1	73	6	25	6	1874
1	73	6	16	0	1176
1	114	6	10	0	1145
1	30	0	24	0	720

Suplft 8522

Squares 85 1/4

Slope Terrace

Verandah

1	189	0	12	0	2268
---	-----	---	----	---	------

Suplft
Squares 22 3/4

Flooring with Asphalt

Medical stores	1	38	0	24	0	
Dispensary	1	35	6	24	0	
Operating room	1	24	0	24	0	2604
Store room	1	11	0	24	0	
Hospital Sergeants quarters	1	69	0	18	0	1242
Verandah	1	69	0	12	0	828
D.	1	113	0	6	0	678
D.	1	188	6	9	0	1697
Door pieces	30	4	6	2	0	270
Archways	13	8	0	2	0	20
				2	0	208

Suplft 7547

Square 75 1/2

Flooring with 8" sq tiles

Sergeants store & Cook room	2	11	4 1/2	20	0	455
Door pieces	3	3	0	1	3	11

Suplft 466

Squares 4 3/4

Zinc guttering

3 186 0

558 Lmalt

Zinc fall pipes

6 14 0

6 20 0

84

120

204 Lmalt

Converting the Public Works Workshop at Chepauk into a Military Hospital

Estimate for converting the Smiths shed into Medical stores, Dispensary, Sergeants quarters &c.

Abstract

Quantity	Item	Rate	Per	Amount
1087 bft	Excavation for foundations	2	bft	135 14
155	Concrete	4		620
352	Brickwork in foundations	5		1760
91	Do in basement	5		455
798	Do Superstructure	6		4788
376	Filling in basement	2		47
115 bft	Cut stone steps &c	1 12	bft	201 4
2340 Sft	Doors and windows	1 14	Sft	2925
1539 bft	Teakwood wrought and put up including painting	3 4	bft	5001 12
70 1/2 sqs	Painting Doors and windows	4 12	sqs	333 11
289	Plastering interior	4 8		1300 8
96 1/2	Do exterior	5		482 8
85 1/2	Terracing	27 8		2344 6
22 1/2	Slope Terrace	12		273
75 1/2	Flooring with Asphalt 3/4" over jelly	20		1510
4 1/2	Flooring with 8" sq tiles	9		42 12
558 Lft	Zinc guttering	8		279
204 Lft	Zinc fall pipes	8		102
	Finishing the chimney as a Minaret			300
	Carried over			22877 11

Consultg Archts Office
1st June 1875

R. S. Compton Capt. R. E.
 Offg Consulting Archt. to Govt.

Estimate for converting the Iron store into Purveyors store,
Observation ward, Day room &c.

No	L	B	D	Contents	Total
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Longitudinal wall	1	186	37	07	0	9126
Partitions	6	21	66	07	0	5418
Retaining wall for verandah	1	165	05	67	0	6353
Steps	3	114	03	02	0	252

Subst 21149.

Cubic yards 783

Concrete 12" thick

Excavation ÷ 7

cubic yards 112

Longitudinal wall	1	186.33.62.6	1630
Partitions	6	23.33.02.6	1046
Retaining wall for Verandah	1	165.02.92.6	1134

Subst. 3810

Cubic yards 141

Longitudinal wall	1 186.32.12.0	745
Between piers	15 10.42.02.0	623

Carried over Lft. 1368

Brought forward cft 1368

Partitions	6	24	.01	.62	.0	432
Retaining wall for verandah	1	165	.01	.32	.0	413
Steps	3	12	.02	.01	.6	108

Cubieft 2321
Cubie yards 86

Brickwork in Superstructure

Longitudinal wall	1	186	.32	.024	.6	9126
Between piers	15	10	.42	.2	.07	2179
do	7 1/2	84	.6	Area	2	1268
Partitions	6	24	.01	.624	.6	5292
Additional height of walls	1	186	.32	.011	.0	4098
do	1	36	.02	.011	.0	792
do	1	186	.32	.02	.6	931
						<u>23686</u>

Deductions						
Doors	2	7	.02	.05	.0	144
cut stone	29	4	.62	.05	.0	1305
						<u>115</u>
						<u>1560</u>

Cubie feet 22126
Cubie yards 820

Filling in basements

Room	1	177	.324	.01	.6	6381
Verandah	1	186	.07	.61	.6	2093
do	1	186	.06	.01	.6	1674

Cubieft 10148
Cubie yards 376

251

cut stone in Steps &c
Steps

3	42	.01	.30	.6	79
16	3	.01	.60	.6	36

Cubieft 115

Doors and windows

Doors	2	7	.0	10	.0	140
	29	4	.6	10	.0	1305
	1	10	.0	10	.0	100
Windows	2	4	.0	6	.0	48
Ventilators	30	4	.6	5	.6	743

Suplft 2336

Teakwood wrought & put up
including painting

Beams	8	31	.61	.21	.6	441
Joints	23	194	.00	.40	.6	744
Do in Verandah	125	10	.60	.30	.4	109
Rafters	125	13	.00	.30	.4	135
Breastsummer	1	206	.00	.80	.8	92
Eaves board	1	190	.00	.60	.1	8

Cubieft 1529

Painting Doors and
windows.

3	2336	.0				7008
---	------	----	--	--	--	------

Squares 70

Plastering interior

Purveyors store	1	96.0	24.3	
Legner room	1	70.0	24.3	
Observation ward	1	126.0	24.3	
Passage	1	66.0	24.3	
Day room	1	146.6	24.3	16745
Ward	1	86.0	24.3	
do	1	100.0	24.3	
Verandah	1	186.0	16.0	2976
do	1	384.0	17.3	6624

Suplft 26345

Squares - 263½

Plastering exterior

Pillars

1	194.3	20.0	3885
2	186.3	7.0	2608
1	28.0	27.0	756
16	6.0	11.0	1056

Suplft 8305

Squares - 83

Tenacing

Room
Verandah

1	188.0	31.6	5922
1	188.0	10.0	1880

Suplft 7802

Squares 78

Slope Terrace

Verandah

1	188.0	12.0	2256	Sft
---	-------	------	------	-----

Squares 22½

Flooring with Asphalt

Rooms

Verandah

Door pieces

do

Archways

do

do

1	177.3	24.0	4254
1	186.0	13.6	2511
2	7.0	2.0	28
29	4.6	2.0	261
15	8.0	2.0	240
15	10.6	1.6	236
1	10.0	2.0	20

Suplft 7550

Squares 75½

Zinc fall pipes

204 Linear ft.

Zinc guttering

558 Linear ft.

Converting the Public Works Workshop into a Military Hospital

Estimate for converting the Iron store into Purveyors store
Observation ward, Day room &c.

Abstract.

Quantity	Item	Rate	Per	Amount
783 <i>by</i>	Excavation for foundations	2	<i>by</i>	97 14
112	Concrete	4		448
141	Brickwork in foundations	5		705
86	Brickwork in basement	5		430
820	Brickwork in Superstructure	6		4920
376	Filling in basement	2		47
115 <i>lft</i>	cut stone in steps &c	1 12	<i>lft</i>	201 4
2336 <i>lft</i>	Doors and windows	1 4	<i>lft</i>	2920
1529 <i>lft</i>	Teakwood wrought and put up including painting	3 4	<i>lft</i>	4969 4
70 <i>sq</i>	Painting Doors and windows	4 12	<i>sq</i>	332 8
263 1/2	Plastering interior	4 8		1185 12
83	Do exterior	5		415
73	Terracing	27 8		2145
22 1/2	Slope Terrace	12		270
75 1/2	Flooring with Asphalte	20		1510
2014 <i>lft</i>	Zinc fall pipes	8	<i>lft</i>	102
558	Zinc guttering	8		279
	Dismantling portions of existing building			200
				21177 10
	Contingencies at 5 per cent			1059 6
	Total Rupees			22237

Consultg. Archt. Office
1st June 1875
Lusk

R. B. Thompson
Captain R.B.
Consultg. Archt. to Genl.

5.

Converting the Public Works Workshop into a Military Hospital

Estimate for a Hospital Cook House and Covered way
Detailed quantities

Detail of work.	No	L	B	D	Contents	Total.
<u>Excavation</u>						
Outer walls	1	145.6	4	6 4	0	2619
Partition	1	37.9	4	0 4	0	604
do	1	11.0	4	0 4	0	176
Under posts	1	37.9	2	0 4	0	302
Fuel stone wall	1	10.1	2	0 4	0	162
Covered way walls	2	27.6	3	0 4	0	660
					Cubic ft	4523
					Cubic yards	168
<u>Concrete 12" thick</u>						
Excavation $\div 4$					Cubic yards	42
<u>Brick work in foundations</u>						
and basement						
Footings						
Outer walls	1	145.6	2	3 1	0	327
Partitions	1	40.3	2	0 1	0	81
do	1	13.3	2	0 1	0	27
do	1	9.0	2	0 1	0	18
Above footings						
Outer wall	1	145.6	1	6 4	0	873
Partition	1	41.0	1	3 4	0	205
					Carried over	1531

		<u>Brought forward bft.</u>						1531
Partition	1	14	0	1	3	4	0	70
do	1	9	0	1	3	4	0	45
Wall under posts	1	41	0	1	0	5	0	205
Covered way walls	2	29	0	1	0	5	0	290
do under joists extra	6	1	0	1	0	5	0	30
Cubft.								2171
Cubic yards								80½

Brick work Superstructure

Outer wall	1	115	0	1	3	10	0	1438
Partition	1	14	0	1	3	13	0	228
Fuel stove	1	25	6	1	3	8	0	255
Enclosure wall	1	45	0	1	3	2	6	141
do	1	45	0	0	6	1	3	28
do	1	45	0	1	0	1	0	45
							2135	
<u>Deductions</u>								
Doors	5	4	0	1	3	3	6	88
do	2	3	0	1	3	3	6	26
Windows	2	2	0	1	3	3	0	15
door	1	2	6	1	3	3	6	11
							140	
					<u>Cubic ft.</u>	1995		
					<u>Cubic yards</u>	74		

Filling in basement

1	39	9	14	0	2	0	1113
1	41	0	4	0	2	0	328
					<u>Cubic ft.</u>	1441	
					<u>Cubic yards</u>	53½	

Stones under Posts & Trusses 19 in Number

Doors and windows

Doors	5	4	0	7	0	140
	2	3	0	7	0	42
	1	2	6	7	0	18
Windows	2	2	0	3	0	12
					<u>Suplft</u>	212

Teakwood wrought & put up including painting & small ironwork

2 Trusses 14 ft span	Tie beam		2	16	6	0	40	6	6
	Principal Rafters		4	9	6	0	40	4	4
	Struts		4	4	6	0	30	3	41
	Purlins		2	12	0	0	40	6	14
	2 ^o wall		1	115	0	0	30	3	7
	Ridge		1	28	0	0	30	6	4
	Rafters		32	17	0	0	2½	0	28
	2 ^o		32	12	0	0	2½	0	21
	Hip Rafters		4	15	0	0	3	0	5
	Rafters for fuel stove		14	6	0	0	3½	0	46
	Collars		7	8	0	0	2½	0	3
	Posts		15	8	0	0	5	0	21
	Breastsummers		2	30	0	0	5	0	10
	do		1	43	0	0	4	0	5
	Rafters for covered way		40	7	0	0	2½	0	15
	Collars		20	5	0	0	2½	0	5
	Eaves board		1	156	0	0	1	0	56

Cubic feet 160

Painting doors & windows

3	212	0	636
			<u>Squares</u> 6½

Plastering
interior
exterior

2	67-9	10-0	1355
1	120-0	12-0	1440
1	23-0	8-0	184
2	30-0	2-0	120
1	25-6	10-0	255
1	45-0	13-0	585

Suplft 3939
Squares 39 3/4

Tiling with flat & pan tiles
including teak reapers & Chumam borders

Book house
Fuel store
Covered way

1	48-0	30-0	1440
1	12-0	12-0	144
1	29-0	14-0	406

Suplft 1990
Squares 20

Flooring with Sq. pavement tiles

Covered way
Book house
Verandah
Door pieces
do
do
do

1	30-0	9-0	270
2	19-10 1/2	14-0	557
1	41-0	5-0	205
5	4-0	1-3	25
2	3-0	1-3	8
2	4-0	1-3	10
1	2-6	1-3	3

Suplft 1078
Squares 10 3/4

Gravel flooring
Cook House yards

1 40-0 9-0 360 Suplft
Squares 37 5/8

Cooking range
Tables

3 in Number.

Converting the Public Works Workshop into a Military Hospital

Estimate for a Hospital Cook House and
Covered way.

Abstract.

Quantity	Item	Rate	Per	Amount
168	Excavation for foundations	2	670	21
42	Concrete	4		168
80 1/2	Brickwork in foundations	5		402 8
74	Superstructure	6		444
53 1/2	Filling in basement	2		6 11
19	Stems under Posts & Trusses.	1	each	19
212	Doors and windows	1 1/4	Sft.	265
160	Teakwood wrought and put up including painting and small ironwork	3 1/4	Sft.	520
6 1/2	Painting Doors and windows	4 1/2	sq.	30 1 1/4
39 3/4	Plastering	4 8		177
20	Tiling with flat and pan tiles including Teak reapers and Chumam borders.	20	sq.	400
10 3/4	Flooring with square tiles	9		96 12
3.75	Gravel flooring	2 8		9 6
	Cooking range			200
3	Tables	25	each	75
				2834 6 4
Contingencies at 5 per cent				141 9 8
Total Rupees				2976

Consulting Architect's Office
1st June 1875

Robert Thompson
Capt. R.E.
Off. Consulting Archt. to Govt.

6. Converting the Public Works Workshop into a Military Hospital

Estimate for Constructing a General Latrine Bath Rooms
and Covered way

Detailed quantities

Detail of work. No. L O D contents Total

Excavation for foundations

Outer walls	7	171	0	4	6	4	0	3078
Partitions	2	8	9	4	0	4	0	280
do	1	27	6	4	0	4	0	440
do	1	5	0	4	0	4	0	80
Thin partitions	1	40	9	2	0	4	0	326
do	4	3	0	2	0	4	0	96
Covered way pillars	26	4	6	4	6	4	0	2106
Retaining walls	24	5	6	2	0	4	0	1056

Cubft. 7462

Cubic yards 276

Concrete 12" thick
excavation 7 4

Cubic yards 69

Brickwork in foundations

Outer walls	7	171	0	2	3	1	0	386
Partitions	2	11	3	2	0	1	0	45
do	1	29	6	2	0	1	0	59
do	1	7	0	2	0	1	0	14

Carried over left. 503

Brought forward left 503

Thin partitions	1 42.91.61.0	64
do	4 4.01.61.0	24
Covered way Pillars	26 2.32.31.0	132
Above footings to floor level		

Outer walls	1 171.01.64.0	1026
partitions	2 12.01.34.0	120
do	1 30.31.34.0	151
do	1 7.91.34.0	39
Thin partitions	1 48.61.04.0	174
do	4 4.01.04.0	64
Covered way Pillars.	26 1.61.64.0	234
D. Retaining walls	24 8.61.05.0	1020

Cubic ft. 3557

Cubic yards 132

Brickwork in Superstructure

Outer walls	1 171.01.310.0	2138
Partitions	2 12.01.313.0	390
do	1 30.31.312.0	454
do	1 7.91.312.0	116
Latrines for Natives	1 12.01.615.6	27
Thin partitions	1 43.60.67.0	152
do	4 4.00.67.0	56
Cisterns	3 7.03.63.0	221
Covered way pillars	26 1.61.66.0	357

3905

Deductions

Openwork

3 8.61.310.0 319

Carried over cubic ft. 319 3905

Brought forward cubic ft. 319 3905

Openwork

	6 7.61.310.0	563
	2 6.61.310.0	163
	1 4.01.310.0	50
Archways	2 5.01.34.3	53
Doors	3 2.00.63.3	110
Archways	3 3.01.34.3	80
Windows	2 2.01.32.0	10
		1248

Cubic ft. 2657

Squares 98 1/2

Filling in basement

Latrines and Baths
Covered way

1 68.012.02.0 1632
1 116.07.62.0 1740

Cubic ft. 3372

Cubic yards 125

Stones under beams

8 in Number

Panel Doors & windows

Doors for Bath rooms
Windows for European

7 2.0 6.6 91
2 2.0 4.0 16

Supplft 107

Teakwood including painting
and small ironwork

4 Trusses 12 ft span	14	14	60	40	4	7
	8	8	60	30	4	6
Principal rafters	8	4	00	30	3	2
Struts	2	70	00	40	5	19
Purlins	1	172	00	40	4	19
Do wall	1	60	00	30	6	8
Ridge	100	10	60	2 1/2	0	3
Rafters	24	14	00	30	4	5
Hip rafters	1	170	00	60	1	7
Eaves board	1	230	00	50	5	40
Breastsummer for covered way	78	21	00	2 1/2	0	3
Couples	1	230	00	50	1	8
Eaves board						

Subt 261

Painting doors & windows

2 107.0 214

Plastering

exterior
interior

1	176	0	10	0	1760
1	84	0	10	0	840
1	82	0	10	0	820
2	30	3	12	0	726
2	7	9	12	6	194
2	21	0	7	0	294
3	7	6	7	0	158
4	8	0	7	0	224
1	230	0	2	0	460
26	6	0	6	0	936

Squares 2 1/4

suplt 64 1/2

Squares 64 1/4

Tiling with flat & pantiles
including Teak reapers
and chumam border

Latrines & Baths
covered way

1	76	6	22	0	1683
1	115	0	14	0	1610

Suplt 3293

Squares 33

Flooring with Asphalte

Latrines & Baths
Do
Do
covered way

1	38	3	12	0	459
1	30	3	3	0	91
1	29	3	7	9	226
1	115	0	10	6	1208

Suplt 1984

Squares 20

Openwork with 12" sqre tiles

3	8	6	10	0	255
6	7	6	10	0	450
2	6	6	10	0	130
1	4	0	10	0	40

Suplt 875

Basins

3 in Number

Glazet fittings

4 in Number

34 6 Converting the Public Works Workshop into a Military Hospital

Estimate for constructing a General Latrine, Bath rooms and covered way.

Abstract

Quantity	Item	Rate Per	Amount
276	by Excavation for foundations	2 . bjt	34 8 .
69	Concrete	4 . " "	276 . .
132	Brickwork in foundations and basement	5 . " "	660 . .
98½	Brickwork Superstructure	6 . " "	591 . .
125	Filling in basement	2 . " "	15 10 .
8	sq Stones under Trusses	1 . . sq	8 . .
107	sq Panel doors and windows	14 . sq	133 12 .
261	bf Teakwood including painting and small ironwork	34 . bf	848 4 .
2¼	sq Painting doors and windows	42 . sq	10 11 .
64¼	Plastering	48 . " "	289 2 .
33	Tiling with flat & pan tiles including Teak reapers and chumam borders	20 . . .	660 . .
20	Flooring with Asphalt over jelly	20 . . .	400 . .
875	sq Openwork with 12 inches square tiles	6 . " "	328 2 .
3	sq Basins with supports	10 . . sq	30 . .
4	Closest fittings	7 . " "	28 . .

4,313 1 .

Contingencies at 5 per cent 215 15 .

Total Rupees 4,529 . .

Consulting Archt's Office
1st June 1875

E. S. B.

W. H. P. M. P.

Capt. R. E.

Offr Consulting Archt to Govt

7.
Converting the Public Works Workshop into a Military Hospital

Estimate for an Ambulance shed

Detailed quantities

<u>Detail of work</u>	M	L	B	Contents	Total
<u>Excavation for foundations</u>	1	77	04	64	00
					1386
					lbf.
					<u>cubic yards 52</u>
<u>Concrete 12" thick</u>					
Excavation ÷ 4					
					<u>cubic yards 13</u>
<u>Brickwork in foundations</u>					
and basement					
footings	1	77	02	31	00
					173
Above footings	1	77	01	62	00
					231
Do	1	67	01	62	00
					201
					<u>lbf. 605</u>
					<u>cubic yards 22½</u>
<u>Brickwork in superstructure</u>					
Gables	1	77	01	310	00
					963
Deductions	2	14	06	133	50
					109
Doorway	1	10	01	35	00
					63
Windows	4	14	00	132	6
					50
					113
					<u>959</u>
					<u>lbf.</u>
					<u>cubic yards 35½</u>

Stones under Trusses 4 in Number

Doors & windows

Door	1	10.0	10.0	100
Windows	4	4.0	5.0	80

Suplft 180

Teakwood wrought & put up including painting & small iron work.

	Tie beam	2	14	60	140	4	3	
2 Trusses 12 ft span.	{ Principal rafters	4	8	60	30	4	3	
		4	4	00	30	3	1	
	Stents	4	4	00	30	3	1	
	Purlins	2	31	00	40	5	9	
	Dr. wall	2	31	00	30	3	4	
	Ridge	1	31	00	30	6	4	
	Rafters	42	10	60	22	0	3	23
	Barge board	2	11	00	90	12	2	
	Eaves board	2	31	00	50	1	2	

Cubefth 51

Painting doors & windows

2 1/2 180.0

459 Sft

Squares 4 1/2

Plastering interior

1 72.0
1 82.0

12 2.0 864
12 2.0 984

Suplft 1868
Squares 18 1/2

Plastering exterior

Tiling with flat & pan tiles including Teak reapers & small iron work.

1 30.0

12.0 660 suplft

Squares 6 3/4

Flooring with gravel

1 12.0

18.0 216 suplft

Squares 2 1/4

Converting the Public Works Workshop into a Military Hospital
Estimate for constructing an Ambulance Shed

Abstract

Quantity	Item	Rate	Per	Amount
52	byr Excavation for foundations	" 2"	byr	6 8 "
13	" Concrete	4 "	"	52 " "
22½	" Brickwork in foundations and basement	5 "	"	112 8 "
35½	" Br. in Superstructure	6 "	"	213 " "
4	sq Stones under Trusses	1 "	sq	4 " "
180	suppl Doors and windows	1 ¼ "	suppl	225 " "
57	lft Teakwood wrought and put up including painting and small ironwork	3 4 "	lft	165 12 "
4½	sqrs Painting doors and windows	4 12 "	sqrs	21 6 "
18½	" Plastering	4 8 "	"	83 4 "
6¾	" Tiling with flat gran tile including teak reapers and chumam borders	20 "	"	135 " "
2½	" Flooring with gravel	2 8 "	"	5 10 "
				1024 " "
	Contingencies at 5 per cent.			51 " "
	Total Rs.			1075 " "

Consulting Architect's Office
 1st June 1875
Enc 6

W. H. Thompson Capt. R. E.
 Offg Consulting Archt. to Government

3/31 Pk
 8 11 3
 1 1 1

Converting the Public Works Workshop into a Military Hospital

Estimate for a Dead House

Detailed quantities

Details of work.	No.	L.	P.	D.	Contents	Total
<u>Excavation for foundations</u>	1	65	04	64	00	1170 bft.
					<u>Cubic yards</u>	<u>44</u>
Concrete 12" thick						
Excavation $\div 4 =$					<u>Cubic yds</u>	<u>11</u>
Brickwork in foundations & basement						
footings	1	65	02	31	00	146
basement	1	65	01	64	00	390
steps	1	6	03	02	00	36
					<u>Cubft.</u>	<u>572</u>
					<u>Cubic yds</u>	<u>21</u>
Brickwork in Superstructure	1	65	01	310	00	813
					<u>Carried over</u>	<u>bft. 813</u>

Brought forward left 813			
Deductions			
Door	1	5 . 0 1 . 3 4 . 0	25
Windows	3	5 . 0 1 . 5 2 . 6	47
			72
			Cubic ft. 741
			Cubic yards 27½
Stones under Trusses			
	4	in Number	
Cut stone steps			
	3	6 . 0 1 . 3 0 . 6	11 bft
Doors & windows.			
Doors	1	5 . 0	8 . 0
Windows	3	5 . 0	5 . 0
			40
			75
		Suplft	115
Glazed shutters without frames			
	3	4 . 9	4 . 9
			68 suplft
Teakwoods.			
Tie Beams	2	14 . 6 0 . 4 0 . 4	3
2 Trusses 12 ft span	4	8 . 6 0 . 3 0 . 4	3
Principal rafters	2	4 . 0 0 . 3 0 . 3	1
Struts	2	24 . 0 0 . 4 0 . 5	7
Purlins			
		Carried over	14

Brought forward left 14			
Purlins wall	1	66 . 0 0 . 3 0 . 3	4
Ridge	1	6 . 0 0 . 3 0 . 6	1
Rafters	32	10 . 6 0 . 2 1/2 0 . 3	18
Hip Rafters	4	14 . 6 0 . 3 0 . 4	5
Eaves board	1	83 . 0 0 . 5 0 . 1	3
			Cubft 45
Painting doors & windows			
	2 1/2	115 . 0	288
	2	68 . 0	136
			Suplft 424
			squares 14 1/4
Plastering			
interior	1	60 . 0	10 . 0
exterior	1	70 . 0	12 . 0
			600
			840
		Suplft	1440
			squares 14 1/2
Flooring with Asphalt 3/4" over jelly			
	1	18 . 0	12 . 0
	1	5 . 0	1 . 3
			216
			6
		Suplft	222
			Squares 2 1/4
Door piece			

Tiling with flat & pan tiles
including Teak Reapers
and small iron work

1 24 - 0

22 - 0 528

Suppl. 528
Squares 5 1/4

Sink 3' x 2' x 3' lined
with lead

1 in Number

Converting the Public Works Workshop into a Military Hospital

Estimate for a Dead House

Abstract

Quantity	Item	Rate	Per	Amount
44	Excavation for foundations	2	by	58
11	Concrete	4		44
21	Brickwork in foundations and basement	5		105
27 1/2	Brickwork in Superstructure	6		165
4	No Stones under trusses	1	No	4
11	Cut stone steps	1 1/2	lft	19 1/2
115	Doors and windows	1 1/4	sft	143 1/2
68	Glazed shutters exclusive of frames	1 1/2		76 8
45	Teakwood wrought and put up including painting and small ironwork	3 1/4	lft	146 1/4
4 1/2	Painting doors and windows	4 1/2	sft	20 3
14 1/2	Plastering	4 8		65 4
2 1/4	Flooring with asphalt 3/4" over jelly	20		45
5 1/4	Tiling with flat & pan tiles including teak reapers & Chumam borders	20		105
1	No Sink lined with lead	40	No	40

984 11

49 5

Contingencies at 5 per cent

Total Rupees 1034

Consultg Archt's Office
1st June 1875

W. R. Thompson Capt. R.E.
Offg. Consultg Archt. to Govt.

Current No. 780

From

The Govt of India

No. 123 M.H.

Dated 22nd

Recd. 31st

Jan'y.

1876.

Subject:-

Sanctioning conversion of P.W. workshops into a Military Hospital.

ENCLOSURES.

5 plans & 3 sets.

From

to

"

"

"

"

GO. No 302. "S. 2. 75

Orders and Proceedings in file.

Depart- ment.	No.	Date.	ENDORSEMENTS.		
			Depart- ment.	No.	Dated.
P.W.D.	3579	21/12/75			
	3580	21/12/75			
	1846	1/5/76			
	with origl Chg	22/5/74.			
	2364	1/8/75			
	2365				
	3570	11/12/75			
	3571	11/12/75			
	62	12/1/76.			

Estimate.

Rupces—47,780..0..0

Converting the Public Works Workshop into a Military Hospital

7802
M. 780/2/75

Office of Consulting Architect to Government
26th July 1875.

M 780/8/76

12413
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5

Pro: 5th Feb'y 76 B N 41

Converting the Public Works Workshops at Chepauk into a Military Hospital
Estimate for a Latrine and Bath room & covered way for the Female Hospital

Detailed quantities

Description of work.	No.	2	03	2	Contents	Total
Excavation for foundations						
Latrine & bath outer wall		59	04	64	0	1062
cross wall		8	94	04	0	140
thin partitions	3	3	02	03	0	54
Covered way pillars	10	4	64	64	0	810
Retaining wall	8	5	62	04	0	352
					<u>Cubft 2418</u>	
					<u>Cubic yds 90</u>	
Concrete 12" thick						
Excavation 4" =						
						<u>Cubic yards 22 1/2</u>

<u>Brickwork in foundations & basement</u>						
Outer walls		59	02	31	0	133
partition		11	02	01	0	22
thin partitions	3	4	01	02	0	27
Covered way pillars	10	2	32	31	0	57
Outer walls above footings		59	01	64	0	354
partition		12	01	34	0	60
Covered way pillars	10	1	61	64	0	90
retaining walls	8	8	61	05	0	340
					<u>Cubft 1077</u>	
					<u>Cub yards 40</u>	

<u>Brickwork in Superstructure</u>						
Latrine bath & outer walls		59	01	310	0	738
partition		12	01	31	0	225
thin partitions	3	4	30	68	0	51
Gables	2	17	61	32	6	109
					<u>Carries over</u>	<u>1123</u>

Covered way pillars
Cistern

Brought forward 1123
10 1.6 1.6 6.0 135
1 6.6 3.6 2.0 46
1304

Deductions
Door
Open work

2 3.0 1.5 3.6 26
2 5.0 1.5 3.0 25
2 9.0 1.5 3.0 225
376
Cubft 928
Cub yds 34 1/2

Filling in basement
Latrine and Bath
Covered way

2 6.6 12.0 2.0 312
1 41.0 7.6 2.0 615
Cubft 927
Cub yds 34 1/2

Panel doors

2 3.0 0.7 7.0 42
3 2.6 6.0 45
Suplft 87
2 87.0 174 Sft
Squares 12 1/2

Painting doors

Teakwood including painting
Pressumers over openwork

2 11.0 0.5 0.6 5
2 7.0 0.5 0.4 2
8 10.0 0.5 0.6 17
24 11.5 0.25 0.3 31
25 21.0 0.25 0.3 31
Cubft 70

Rafters for covered way
Couplers for covered way

Plastering

Bath and Latrine interior 2 37.0 12.0 888
Small partitions 3 8.6 8.0 204
Covered way sides exterior 2 41.0 2.0 164
pillars 9 6.0 6.0 324
Latrine and bath exterior 1 61.6 10.0 615
Gables 2 17.6 3.0 105

Suplft 2300
Squares 282 1/2

Tiling with flat & pan tiles including repairs

Bath and Latrine 1 17.0 24.0 408
Covered way 1 41.0 14.0 574
Suplft 982
Squares 10 1/2

Flooring with Asphalte

Bath and Latrines 2 62.6 12.0 156
Covered way 1 41.0 10.6 431
Suplft 587
Squares 6

Openwork 12" sq. tiles.

2 9.0 10.0 180
2 5.0 10.0 100
Suplft 280

Block fittings — 3 in Number

Converting the Public Works Workshop at Chepauk into a Military Hospital
 Estimate for a Latrine and Bath room for the female Hospital

Quantity	Item	Rate	Per	Amount
90	Excavation for foundations	2	Co	11 4
22	Concrete	4		90
40	Brickwork foundations & basement	5		200
34 1/2	Superstructure	6		207 5
34	Felling in basement	2		68
87	Spl. Panel doors	1		87
1 1/2	Spl. Painting doors	4 1/2		8 5
70	Spl. Teakwood including painting	3 1/4	Co	227 8
23	Spl. Plastering	4 8	Spl	103 8
10	Tiling with flat and pan tiles including teak reapers &c	20		200
6	Flooring with asphalt over jelly	20		120
280	Spl. Openwork with 12" sq tiles	6	Spl	105
3	Latrine fittings	7	Each	21
				1384 13
Contingencies at 5 per cent				69 3
				<u>Rupees 1454</u>

[Signature]
 Captain R. E.
 Offg. Consultg. Architect
 to Govt.

Office of Consultg. Archt.
 to Government
 26th July 1875
 Sub

Converting the Public Works Workshop at Chepauk into a Military Hospital

Estimate for converting the late Office of Controller of P. W.
 Accounts into Medical Officers quarters.

Detailed quantities

Description of work	No	L	B	D	contents	Total
<u>Excavation for foundations</u>						
Porch walls	61	04	65			1373
Spiral	8	08	05	0		320
						Cub. ft. 1693
						Cubic yds 63
<u>Concrete 12" thick</u>						
Excavation : 5						Cubic yds 12 1/2
<u>Brickwork in foundations</u>						
footings	61	02	61	6		229
Porch walls	7	07	01	6		74
Spiral	6	07	01	6		74
Above footings to ground level	6	07	01	6		267
Porch walls	6	66	62	6		106
Spiral						Cub. ft. 676
						Cubic yds 25
<u>Brickwork in basement</u>						
Porch walls	61	01	92	0		214
Spiral	6	66	62	0		85
						299

[Signature]
 Captain R. E.
 Offg. Consultg. Architect
 to Govt.

		Brought forward 3078		
Lower Storey Venetian doors	3/2 6 . 0	9 . 0	324	
Windows	3/1 15 . 0	9 . 6	428	
Glass doors	3/2 4 . 6	6 . 6	176	
Windows	3/1 4 . 0	3 . 0	36	
Glass doors	2/16 4 . 6	9 . 6	1368	
Windows	2/1 15 . 0	9 . 6	288	
Windows	2/2 4 . 6	6 . 6	117	
Upper Storey Venetian doors	3/6 4 . 6	10 . 0	810	
Windows	3/10 4 . 6	8 . 0	1080	
Spiral door	3/4 6 . 6	7 . 6	585	
Partition door	2/1 2 . 0	6 . 0	24	
Wooden partition	2/1 3 . 6	7 . 0	49	
Wooden partition	2/1 28 . 6	14 . 9	841	
Lower Storey Drawing room beam	2/1 11 . 0	14 . 9	325	
Joists	1 31 . 6	2 . 6	79	
Ceiling	22 14 . 0	1 . 3	385	
Joists	25 11 . 6	1 . 0	288	
Dining room beams	1 31 . 0	11 . 6	357	
Joists	2 19 . 6	3 . 0	117	
Ceiling	15 29 . 0	1 . 3	644	
Room adjoining Dining room beam	1 19 . 6	31 . 0	605	
Joists	1 19 . 6	3 . 0	59	
Ceiling	15 23 . 0	1 . 3	431	
Room	1 24 . 6	19 . 6	478	
Joists	10 11 . 6	1 . 6	178	
Ceiling	9 11 . 0	1 . 0	99	
Joists	1 11 . 0	11 . 0	121	
Ceiling	24 11 . 0	1 . 0	264	
Joists	1 30 . 0	11 . 0	330	
Ceiling	43 11 . 6	1 . 0	495	
Joists	1 11 . 0	54 . 6	610	
Ceiling	11 11 . 0	1 . 3	157	

		Feet		Cubits		Brought forward		15, 102	
Room	Joists	18	11	0	1	0	0	198	
	Ceilings	2	11	0	11	0	0	242	
	Joists	6	11	6	1	3	86		
Verandah	Joists	9	5	0	0	9	41		
Back verandah	Joists	37	7	0	1	3	324		
Porch	Joists	20	17	0	1	8	467		
Upper Storey	Girders	2	28	6	4	6	257		
	Beams	2	20	0	3	4	133		
	Joists	20	32	0	15	32	0	693	
		15	32	0	1	1	520		
		44	11	6	1	3	633		

Squares 187

Teakwood.

Liberty 344

<u>Plastering interior</u>			
Lower Storey	120 - 0	14 - 6	1740
Drawing room	6 - 0	14 - 6	174
Pillars	102 - 0	18 - 0	1836
Dining room			
		<u>Suppl</u>	<u>3750</u>

Brought forward Suplft. 3750

Upper Storey

Bed room	105.0	13.0	1365
	121.0	15.0	1815
	46.0	15.0	690

Suplft. 7620
Squares 76 1/4

Plastering exterior

Lower Storey

	202.0	14.0	2828
	295.0	20.0	5900
	64.0	20.0	1280
	34.0	20.0	680
	58.0	14.0	812
	5.0	11.0	550

Pillars

Upper Storey

	124.0	13.0	1612
	242.0	22.0	5324
	20.0	12.0	240

Suplft. 19006
Squares 190

Washing interior

Lower Storey

	89.0	18.0	1602
	93.0	14.6	2697
	39.0	10.0	390
	52.0	14.6	1508
	155.6	14.6	2255
	87.0	14.6	1262

Suplft. 9714
Squares 97 1/2

Terracing

Lower Storey

South verandah
Porch

62.0	7.0	434
30.0	15.0	450
33.0	51.0	1683
12.0	12.0	144

Suplft. 2711
Squares 27 1/2

Paving floor

Drawing room & rooms

1	31.6	60.0	1890
1	11.6	58.0	667
1	24.6	20.0	490
		12.0	552
2	23.0	11.0	132
1	12.0	8.0	92
1	11.6	8.0	600
1	75.0	8.0	480
1	60.0	8.0	408
1	51.0		

Suplft. 5311
Squares 53 1/2

Flooring with asphalt

Lower Storey Bath room

1	11.6	12.0	138
1	8.0	11.6	92
1	28.6	11.0	314

Upper Storey

Suplft. 544
Squares 5 1/2

Cast Iron columns

4 in Number

Main cornice

Lower cornice

Interior cornice

bed rooms

Stairs room

Ornamental parapet

Iron Fall pipes

Framed partitions

Deduct

Wrought Iron Plate Girders

Staircase complete

Small wooden stairs in bed room

240.0 Linear feet

180.0 Linear feet

121.0

114.0

46.0

271.0 Linear feet

560.0 Linear feet

6 16.0

8 18.0

96

144

Linear ft 240

40.0

15.0 600

1 3.6

7.0 25

Suplft 575

2 in Number

1 in Number

1 in Number

Spiral Stairs

Rattan Matting

Lower storey

Drawing room

Other rooms

Upper storey bed room

at drawing room

31.6

126.0

24.6

28.6

32.0

60.0

11.9

20.0

21.0

20.3

1890

1481

490

599

648

Suplft 5108

Squares 51

Repairing & painting Rattan blinds

Lower storey

at drawing room

at drawing room

at drawing room

at drawing room

at drawing room

at drawing room

at drawing room

at drawing room

at drawing room

at drawing room

at drawing room

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at drawing room

at drawing room

at drawing room

at drawing room

73.0

65.0

13.0

13.0

949

845

Suplft 1794

Squares 18

New Rattan blinds

at drawing room

at drawing room

at drawing room

at drawing room

at drawing room

at drawing room

at drawing room

at drawing room

at drawing room

at drawing room

at drawing room

at drawing room

at drawing room

53.0

Suplft 530

Squares 5 1/2

Pinkaks

at drawing room

at drawing room

at drawing room

at drawing room

at drawing room

at drawing room

at drawing room

at drawing room

5 15.0

1 in Number

Finial over spiral

1 in Number

Converting the native clerks Tiffin rooms
into a Cook house for Medical Officers quarters
and repairing existing stables.

Excavation

Stable partition

1941 1.11

1942 1.11

1943 1.11

1944 1.11

Concrete 12" thick

Excavation ÷ 4 =

Brickwork in chunam

Stables partition footings

1945 1.11

1946 1.11

basement

1947 1.11

1948 1.11

Superstructure

1949 1.11

1950 1.11

Brickwork in mud.

Cook house

fire place

Deduct Openings

1951 1.11

1952 1.11

1953 1.11

1954 1.11

1955 1.11

1956 1.11

1957 1.11

1958 1.11

1959 1.11

1960 1.11

1961 1.11

1962 1.11

1963 1.11

1964 1.11

1965 1.11

1966 1.11

1967 1.11

1968 1.11

1969 1.11

1970 1.11

1971 1.11

1972 1.11

1973 1.11

1974 1.11

1975 1.11

1976 1.11

1977 1.11

1978 1.11

1979 1.11

1980 1.11

Rough plastering

Stable partition

1981 1.11

1982 1.11

1983 1.11

1984 1.11

1985 1.11

1986 1.11

1987 1.11

1988 1.11

1989 1.11

1990 1.11

1991 1.11

1992 1.11

1993 1.11

1994 1.11

1995 1.11

1996 1.11

1997 1.11

1998 1.11

1999 1.11

2000 1.11

2001 1.11

2002 1.11

2003 1.11

2004 1.11

2005 1.11

2006 1.11

2007 1.11

2008 1.11

2009 1.11

2010 1.11

2011 1.11

2012 1.11

2013 1.11

2014 1.11

2015 1.11

2016 1.11

2017 1.11

2018 1.11

2019 1.11

2020 1.11

2021 1.11

2022 1.11

2023 1.11

2024 1.11

2025 1.11

2026 1.11

2027 1.11

2028 1.11

2029 1.11

2030 1.11

2031 1.11

2032 1.11

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2034 1.11

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2093 1.11

2094 1.11

2095 1.11

2096 1.11

2097 1.11

2098 1.11

2099 1.11

2100 1.11

2101 1.11

2102 1.11

2103 1.11

2104 1.11

2105 1.11

2106 1.11

2107 1.11

2108 1.11

2109 1.11

2110 1.11

2111 1.11

2112 1.11

2113 1.11

2114 1.11

2115 1.11

2116 1.11

2117 1.11

2118 1.11

2119 1.11

2120 1.11

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2160 1.11

2161 1.11

2162 1.11

2163 1.11

2164 1.11

2165 1.11

2166 1.11

2167 1.11

2168 1.11

2169 1.11

2170 1.11

2171 1.11

2172 1.11

2173 1.11

2174 1.11

2175 1.11

2176 1.11

2177 1.11

2178 1.11

2179 1.11

2180 1.11

2181 1.11

2182 1.11

2183 1.11

2184 1.11

2185 1.11

2186 1.11

2187 1.11

2188 1.11

Tiled roofing with palmgrah
rafters pan tiles & complete.

Book house addition

Squares $4\frac{1}{2}$

Flooring with jelly

19.0

13.0 247 Sft.

Squares $2\frac{1}{2}$

Latrine for Clerk to be converted into
a coach house & servants latrines

Excavation

New partition

Screen wall

Cub. ft. 282

Cubic yards $10\frac{1}{2}$

Cubic yards $2\frac{5}{8}$

Concrete 12" thick

Excavation 4' =

Brick work in foundations & base

new
partition

Screen wall

Cub. ft. 77

Cubic yards 3

Brickwork Superstructure

New partition

front wall

Screen wall

Latrine seats

Deduct Doorway

Coach house door

Painting doors

Plastering

New partition

front wall

Seats

Screen wall

Washing

exterior

interior

Gables

12.0 1.3 12.0 180

12.0 1.6 12.0 216

7.6 0.10 6.0 38

6.0 2.0 1.0 12

446

83

Cubic ft. 363

Cubic yds. $13\frac{1}{2}$

10.6 10.6 110 Sft.

220 Sft.

2 110.0

Squares $2\frac{1}{4}$

2 12.0 12.0 288

2 12.0 12.0 288

1 6.0 4.0 24

1 7.6 4.0 105

Suplft. 705

Squares 7

85.0 10.0 850

65.0 10.0 650

2 13.6 2.6 68

Suplft. 1568

Squares $15\frac{3}{4}$

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2
Converting the Public Works Workshops at Chepauk into a Military Hospital
 Estimate for converting the late Office of Controller of Public Works
 Accounts into Medical Officers' quarters.

Abstract

Quantity	Item	Rate	per amount	Total
63	Excavation	2.00	7 1/2	
12 1/2	Concrete	4.00	50	
25	Brickwork in foundations	5.00	125	
6	Do in basement	5.00	30	
139	Do Superstructure lower story	6.00	834	
249	Do upper story	6.80	1618 8	
802	Sft Doors and windows	1.25	1002 4	
187	sq Painting doors, joints &c	4 1/2	888 4	
34 1/2	Sft Teakwood	3.00	1032	
76 1/2	sq Plastering interior	4 8	3232	
190	Do exterior	5.00	950	
97 1/2	Washing interior	5.00	30 63	
27 1/2	Terracing	27 8	745 4	
53 1/2	Painting floor	12.00	59 13 2	
5 1/2	Flooring with Asphalte	20.00	110	
4	No Cast Iron Columns	65.00	260	
240	Sft Main cornice	2.00	480	
180	Lower cornice	1.00	180	
271	Interior cornice	8.00	1358	
560	Ornamental parapet	18.00	840	
240	Zinc fall pipes	8.00	120	
575	Sft Framed partition	1.00	575	
2	No Wrought iron plate girders 31 ft	360.00	720	
1	Staircase complete	300.00	300	
1	Do small to bed room	35.00	35	
1	Spiral stairs	30.00	30	
57	sq Rattan matting	12.00	612	
18	Repairing & painting rattan blinds	6.00	108	
53	New rattan blinds	20.00	106 10 8	
75	Sft Punkahs complete	2.00	150	
1	No Finial over spiral	5.00	5	
Carried over Rupees				12463 14

Carried over Rupees 12463.14

Bring forward Rupees 12463-14-1
 Converting the native clerks' quarters
 rooms into medical officers' quarters
 and repairing existing stables

18 bgs Excavation	2. bgs	24.
4 1/2 Concrete	4.	18.
24 Brickwork in chunam	5. bgs	70.
19 Do in clay	3.	57.
20 1/2 sqs Rough plastering	2.	41.
39 Washing	5. sqs	42.3
18 1/2 Removing and replacing		
Tiled roofing and tarring		
rafters and reapers		
4 1/2 Roofing with palmyra rafters		109 8.
and tiles complete		
2 1/2 Flooring with jelly	20.	90.

Converting the Clerks Latrine into
 a coach house & servants latrine

10 1/2 bgs Excavation	2. bgs	10 8.
2 1/2 Concrete	4.	15.
3 Brickwork in foundations	5.	67 8.
13 1/2 Do superstructure	14.	137 8.
110 Sft Coach house door	4 1/2 sqs	18 11.
2 1/2 sqs Painting door	4 8.	37 8.
7 Plastering	5.	44 9.
15 1/2 Washing		

Contingencies at 5 per cent
 marked 3 items

Total Rupees 13,810

Office of Cons. Architect
 to Government
 26 July 1895
 Luck

R. C. Captain R. C.
 Offg. Cons. Archt. Offg.

Military Hospital. Chepauk

Estimate for Quarters for 1 Apothecary, 2 Assistant Apothecaries
 and 1 Hospital Assistant, with out offices.

Detailed quantities

Description of work	No	L	B	D	Contents	Total
<u>Excavations for foundations</u>						
Longitudinal walls	2	179	0 4	6 4	0	6444
partitions	21	13	0 4	6 4	0	4914
	12	8	9 4	6 4	0	1890
Bath room walls	2	16	4	0 4	0	96
Verandah walls	1	6	0 4	0 4	0	7048
Steps	1	440	6 4	0 4	0	482
	6	12	0 3	0 2	0	180
	4	7	6 3	0 2	0	
Cub ft 21527						Cubic yards 798

Concrete 12" thick

Excavation = 4

Cubic yards 199 1/2

Brickwork in foundations and basement

footings	2	177	0 2	6 1	0	885
Longitudinal walls	21	15	0 2	6 1	0	788
partitions	12	8	9 2	6 1	0	263
Bath room walls	2	18	4 1	10 1	0	67
Verandah walls	1	8	0 1	10 1	0	15
	1	448	6 1	10 1	0	822
<u>Above footings to floor level</u>						
Longitudinal walls	2	176	0 1	6 4	0	2112
partitions	21	16	0 1	6 4	0	2016
	12	8	9 1	6 4	0	630
Carried over						7598

Brought forward left 7590

Bath room walls

Verandah walls
Steps

2	19	40	10	4	0	129
1	9	88	10	4	0	30
1	452	00	10	4	0	1507
6	12	03	0	1	6	324
4	7	63	0	1	6	135
6	10	01	6	1	6	135
2	7	61	6	1	6	68

Cubft 9926
Cubic yds 368

Brickwork in Superstructure

Longitudinal walls
partition walls

Gables

Bath room walls

2	176	01	6	11	0	5808
21	16	01	6	11	0	5544
12	8	91	6	11	0	1733
21	19	01	6	2	6	1496
2	19	40	10	7	6	242
1	7	60	10	2	6	16
1	9	01	10	17	0	128

14967

Deductions

Archway
Doorway

Windows

at ends

6	5	01	6	4	6	203
33	4	01	6	4	0	792
2	3	00	10	3	0	15
27	3	61	6	2	9	390
4	2	01	6	2	6	30

1430

Cubft 13537

Cub yds 501 1/2

Filling in basement

Bed rooms

4	18	0	16	0	2	0	2304
2	10	0	16	0	2	0	640

Carried over 2944

Brought forward left 2944

Dining and sitting rooms

Bath rooms

Verandah

16	0	16	0	2	0	3072
2	9	0	16	0	2	576
2	11	0	7	6	2	330
1	408	0	5	2	2	4216

Cubft 11138

Cubic yards 412 1/2

Doors and windows, Venetian & panel

Doors

Windows

8	0	1086
5	0	520
5	0	40

Suplft 1652

Painting doors & windows

3 1652 = 4956 suplft

Squares 52 1/2

Teakwood including painting
and small iron work

10 Trusses
16 ft span

Parlors - long

Wall purlins - long

Ridge

Hip rafters

10	19	00	40	4	82
20	10	00	40	4	8
20	5	00	30	4	91
2	181	00	60	6	60
6	40	00	60	4	40
2	181	00	40	4	27
6	40	00	40	4	314
1	181	00	30	9	23
3	40	00	30	9	314
12	27	00	50	3	

Carried over 371

Common rafters	376	12	6	0	4	0	2	2	326
Verandah rafters	290	9	0	9	4	0	2	2	781
Bath room	20	11	6	0	4	0	2	2	16
Verandah breastsummers	41	420	0	0	5	0	6		88
posts	58	0	5	0	5	8	0		81

Cubft 1063

Plastering interior

Bed rooms	4	68	0	11	0				
Sitting and Dining rooms	6	64	0	11	0				
Bed and Bath rooms	2	52	0	11	0			8910	
Bath rooms	1	50	0	11	0				
	2	37	0	9	6			703	
Gables	2	33	0	11	0			726	
	14	16	6	6	0			1386	

Suplft 11725

Squares 117 1/2

Rough plastering & color washing exterior walls.

Verandah basement	496	0	2	0	8			992	
Outer walls	418	6	11	0	8			4604	
Gables	2	19	4	10	0			387	
	8	19	0	6	0			912	

Suplft 6895

Squares 69

Tiled Roofing with flat and pan tiles & teak Rafters

Rooms	1	179	0						
	3	40	0						
Verandahs	1	420	0						
Baths	2	12	0						

25 26 7625
25 6 2940
7 0 216
9 0
Suplft 10781
Squares 108

Flooring with 9 sq. tiles

Verandahs	1	420	0						
Bed rooms	4	18	0						
Dining and sitting rooms	6	16	0						
Bed rooms	1	10	0						
	1	7	6						

6 0 2520
26 0 152
16 0 1536
16 0 160
68
9 0
Suplft 5436
Squares 54 1/2

Flooring with Asphalt

Bath rooms

2	11	0							
1	9	0							
1	9	0							
1	10	0							

7 6 165
7 6 68
16 0 144
16 0 160
Suplft 537
Squares 5 1/2

Wooden Railing partitions

3	5	6							
2	6	6							

16 1/2
13
Suplft 29 1/2

Ornamental barge board and spirals at Gables

8 in Number

Stones under posts and trusses

68 in Number

Cook Houses

Excavation

walls

1	76.73.63.0	804
1	76.73.03.0	689
8	14.03.03.0	378
3	8.03.03.0	216
3	3.03.63.0	95
3	2.02.02.0	24

Cubft 2206

Cubic yds 82

Concrete

Excavation : 3
under posts

727

24

Cubft 751

Cub yds 28

Brickwork

footings

1	76.72.01.0	153
1	76.71.71.0	121
3	15.31.71.0	72
3	8.01.71.0	38
3	4.92.01.0	29
1	76.71.62.3	258
1	76.81.12.3	187
3	16.00.102.3	90
3	8.00.102.3	45
3	5.01.32.3	42

basement

4	3.01.01.0	12
4	7.00.63.0	42
1	38.12.01.6	114
1	76.71.38.0	766
1	76.70.105.6	350
3	8.00.105.6	110
6	8.00.10.8.0	320
3	5.01.38.0	150

Steps

Cisterns

fire place

Superstructure

2	8.01.37.6	30
4	3.0	60
10	10	100

Cubft 2869

Cub yards 106 1/4

Gables

Deduct

Doors

Filling in basement

1	56.68.00.6	226
1	56.08.01.0	448
	Cubft 674	
	Cubic yds 25	

Doors

Teakwood

posts
breastsummers

3	0.50.58.0	14
1	60.00.50.4	8
	Cubft 12	

Tiled roofing with pan tiles and teak
beams and palmrah rafters
Complete.

63.0	16.0	1008
	Squares 10	

Flooring with jelly

57.0	8.0	456
	Squares 4 1/2	

Gravelling

57.0	8.0	456
	Squares 4 1/2	

Rough plastering and washing

76.7	14.0	1072
76.7	7.0	448
8.8.0	8.0	896
14.8.0	8.0	240
6.5.0	8.0	376
1.47.0	8.0	1140
1.17.0	8.0	1140
	Supplft 3861	
	Squares 39	

Latrines

Excavation

42 - 83 - 63 - 0	448
13 - 93 - 63 - 0	39
19 - 03 - 03 - 0	81
	<u>568</u>
	Cubic yards

Concrete
Excavation 43

Brickwork
footings

basement
superstructure

Seab

Deductions
Openwork
doors

Doors

Teakwood
Breastsummers

Flooring with asphalt

Rough plastering and washing

Tiled roofing with pan tiles, teak rafters
and palmyrah rafters complete 18 18.0

Openwork with tiles

Zinc buckets

baric garden 7

42.82.01.0 85

5.32.01.0 11

11.01.71.0 17

42.81.32.6 133

42.81.37.6 108

11.00.108.0 73

9.00.103.0 23

2.4.02.01.0 16

758

45.01.37.6 188

22.61.36.0 38

226

Subt 532

Subt 20

22.6 6.0 30 Suplft

47.00.40.4 3

23.60.40.4 1

Subt 4

26.0 6.0 72 Suplft

Squares 3 1/2

224.0 7.6 360

148.0 7.6 360

112.0 14.0 168

Subt 888

Squares 9

14.0 252 Sft

Squares 2 1/2

45.0 6.0 50 Suplft

2 in number

Military Hospital Chepauk

Estimate for constructing Quarters for 1 Apothecary 2 Assistant
Apothecaries and 1 Hospital Assistant

Abstract

Quantity	Item	Rate	per amount	Total
798 bgs	Excavation for foundations	2. bgs	99 12	
199 1/2	Concrete	4. . .	798 . .	
368	Brickwork in foundations & base	5. . .	1840 . .	
501 1/2	Brickwork Superstructure	58. . .	27584 . .	
412 1/2	Filling in basement	2. . .	519 . .	
1652 Sft	Venetian & panel doors & windows	14. Sft	2065 . .	
50 sqs	Painting	4. . .	200 . .	
1063 bft	Teakwood including painting	34. bft	3254 12	
117 1/2 sqs	Plastering interior	4. . .	469 . .	
69	Rough plastering and color washg exterior	2. . .	138 . .	
108	Tiled roofing with flat and pan tiles and teak rafters	5. . .	1620 . .	
54 1/2	Flooring with 9" sqs tiles	9. . .	489 . .	
5 1/2	Flooring Bath rooms with Asphalt	20. . .	110 . .	
29 1/2 Sft	Wooden railing	1. Sft	29 8	
8 Nos	Ornamental barge boards and finials at gables	10. . .	80 . .	
68	Stones under posts and trusses	1. . .	68 . .	
				14270 13

Cook Houses

82 bgs	Excavation	2. bgs	104 . .
28	Concrete	4. . .	112 . .
106 1/2	Brick work	5. . .	531 4 . .
25	Filling in basement	2. . .	32 . .

Carried over Super 656 10. 14270 13

Brought forward Rs. 656 12 14270 13

72 Sft Panel doors	12	Sft	72
12 Sft Teakwood including painting	34	Sft	39
10 Sft Tiled roofing with pan tiles	20	Sft	200
teak reapers & palmyrah rafters	4	Sft	18
4 1/2 Sft Flooring with jelly	2	Sft	9
4 1/2 Sft Graveling	2	Sft	18
39 Sft Rough plastering & washing	2	Sft	78
			1072 10

Latrines

21 Sft Excavation	8	Sft	210
7 Sft Concrete	4	Sft	28
20 Sft Brickwork in chunam	5	Sft	100
30 Sft Panel doors	1	Sft	30
4 Sft Teakwood including painting	34	Sft	13
3/4 Sft Flooring with asphalt	20	Sft	15
9 Sft Rough plastering and washing	2	Sft	18
2 1/2 Sft Tiled roofing with pan tiles, teak reapers & palmyrah rafters complete	20	Sft	50
150 Sft Openwork with tiles	4	Sft	37.8
2 Nos Ginc buckets	3	Sft	6
1 Sft Cistern cover	10	Sft	10
			310 2

Contingencies at 5 per cent

Rupees. 15,653 9

782 7

Rupees. 16,436

Office of Consulting Archt.
to Government
26th July 1875
Sub

R. E. Thompson
Captain R. E.
Offg. Consulting Archt to Govt.

Converting the Public Works Workshops at Chepauk into a Military Hospital
Estimate for enclosing the Compound, Graveling, Drainage &c

Detailed quantities

Description of work	No.	Length	Breadth	Depth	Contents	Total
<u>Openwork wall on West side, for a length of 7.7 1/2</u>						
Excavation	1	7.7 1/2	4	64	0	137 1/2 Cubft
Concrete	1	7.7 1/2	4	61	0	34 1/2 Cubft
Brickwork in foundations, footings	1	7.7 1/2	2	91	0	21
above footings	1	7.7 1/2	2	02	0	30 1/2
						51 1/2 Cubft
Brickwork in superstructure, basement	1	7.7 1/2	2	01	2	18
	1	7.7 1/2	1	61	2	13 1/2
	1	1.7 1/2	1	67	8	18 1/2
pilaster	1	6	01	06	4	38
between pilasters	1	6	01	61	4	12
coping	1	1	01	01	0	1
Ornament.						101 Cubft
						167 1/2 Cubft
<u>Plastering</u>						
<u>Plain wall on the South-west side, for a length of 10 ft</u>						
Excavation	1	10	03	94	0	150 Cubft

Concrete

10.03.97.0 37 1/2 Cubft

Brickwork in foundations

footings 1 10.02.01.0 20

above footings 1 10.01.32.0 25

45 Cubft

Brickwork in Superstructure

Coping

1 10.04.38.9 109 3/4

1 10.01.91.3 21 5/8

131 1/2 Cubft

Plastering

1 10.0 21.0 210 Supft

Cast Iron arrow headed Railing over dwarf wall North and South sides for a length of 10 ft

Excavation wall

Buttress

10.03.93.0 112 1/2

1.33.93.0 14

126 1/2 Cubft

Concrete wall

Buttress

10.03.91.0 38 1/4

1.33.91.0 4 3/4

43 Cubft

Brickwork in foundations

Wall footings

10.02.01.0 20

Buttress

1.32.01.0 2 1/2

Wall above footings

10.01.31.0 12 1/2

Buttress

1.31.31.0 1 1/6

36 1/6 Cubft

Brickwork in Superstructure

Wall

10.01.31.3 16

Buttress

1.31.31.3 2

Wall Coping

10.01.90.9 10

Buttress Coping

1.31.90.9 1

32 Cubft

Plastering

10.0 5.0 50 Supft

Cast Iron Railing

Standard 1 1/2 dia

1 5.00.5 5.90 29.50

Uprights 3/4 sq

16 3.6.56 1.87 104.72

Strut 1 sq

1 4.0.4 3.34 13.36

Horizontal bars 1 1/4 x 1/2 flat

2 10.0.20 2.08 41.60

189.18 lbs

To convert into Cast Iron 189.18 x .93 for a length of 10 ft

175.94 say lbs 176

Painting Railing

Standard

1 5.0 0.42 2

Uprights

16 3.6 0.3 14

Strut

1 4.0 0.4 1

Horizontal bars

2 10.0 0.32 5

22 Supft

Wrought Iron Fencing on north side for a length of 15 ft.

Standards flat iron $1\frac{1}{2} \times \frac{5}{8}$	67.0	42	$\times 1.56 =$	65.52
Upper Horizontal bars flat $\frac{3}{4}$	115.0	15	$\times 1.30 =$	19.50
Horizontal bars flat iron $1 \times \frac{1}{2}$	415.0	60	$\times 0.84 =$	50.40
Nails 8¢				4.58

14,000 lbs

Painting fencing

Standards	67.0	0.4	14	
Upper Horizontal bar	115.0	0.2	3	
Horizontal bars	415.0	0.2	13	

Levelling & Graveling Compound.

635.0	320.0	203.200
110.0	30.0	42.500
375.0	225.0	83.250

298.750

Deduct Buildings.

2	185.0	45.0	16.650
1	285.0	55.0	15.675
1	45.0	30.0	13.500
1	30.0	9.0	2.700
1	25.0	25.0	6.250
1	120.0	10.0	12.600
1	75.0	15.0	10.950
1	45.0	15.0	6.750
1	115.0	60.0	6.900

Carried over 44,500.298.750

Brought forward 44,500.298.750

1	15.0	15.0	225
1	110.0	9.0	360
1	80.0	100.0	8,000
1	30.0	20.0	600

53,685

Suppl feet 24,506.65

Squares 2,451

2 in number.

Gates on west side

Converting the Public Works Workshops at Chepauk into a Military Hospital
 Estimate for enclosing the Compound, Travelling, Drainage &c.

Abstract.

Quantity	Item	Rate	per amount	Total
<u>Openwork wall on the West side</u>				
137½	Excavation	2	by 2	10 2
34½	Concrete	4		5 1 4
51½	Brickwork in foundations	6		9 8 7
101	Brickwork Superstructure	6		22 7 1
167½	Sft Plastering (Colored)	5	by 2	8 6 2

Cost for a length of 7½ ft Rupees 46 1 4
 For 455 feet Rupees 2749 14 3

Plain wall on the South west side.

150	Excavation	2	by 2	11 1
37½	Concrete	4		5 8 11
45	Brickwork in foundations	4 8		7 8 11
131½	Brickwork Superstructure	5		24 4 11
210	Sft Plastering	4	by 2	8 6 5

Cost for a length of 10 ft Pt. 46 7 11
 For 285 ft Rupees 1324 1

Cast Iron Arrow headed Railing over dwarf wall N & S Sides

126½	Excavation	2	by 2	9 4
Carried over				9 4 4073 15 3

Brought forward.			
43 cft Concrete	4 . . by	6 5 11	
36 1/2 . Brickwork in foundations	4 8 . .	6 1 6	
32 . Brickwork Superstructure	5 . .	5 14 10	
50 Sft Plastering	4 . . sgr	2 . .	
176 lbs Cast Iron Rails	200 . . Ton	15 11 5	
22 Sft Painting Rails	3 8 . Sgr	12 14	

Cost for a length of 10 ft Rupees 37 7 14

For 850 ft Rupees 3183 15 4

Wrought Iron fencing on north side.

140 lbs Wrought Iron	3 6 lbs	30 10 .
30 Sft Paint work	3 8 . sgr	7 . 10
15 ft Cost of laying	2 . ft	1 14 .

Cost for a length of 15 ft Rs 33 8 10

For 340 ft Rupees 760 8 3

2451 Sgr Levelling & gravelling Compound	1 12 . sgr	4289 4 .
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2 No Gates	75 . . each	750 . .
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Drainage &c		1000 . .
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Contingencies at 5 per cent : 13457 10 10
672 5 2

Total Rupees 14130 . .

Office of Consulting Architect
to Government
26th July 1875
Sub

R. C. Thompson
Captain R. C.
Off. Consult. Architect Govt.

Estimate for removing the Revenue Board Office
Latrine and reconstructing the same on another site
Abstract.

Quantity	Item	Rate	per	Amount
2 . by				23 6 .
187 by	Excavation for foundations	4 . . .		304 . .
76 .	Concrete	5 . . .		516 . .
103 .	Brickwork in chumam	4 . . Sft		74 . .
296 Sft	Openwork with pan tiles			
25 sgr	Covering the roof with teak reapers & flat & pan tiles &c	20 . . Sgr		500 . .
39 .	Rough plastering and washing	2 . . .		78 . .
16 1/2 .	Asphalting floor over jelly	20 . . .		335 . .
15 No	Latrines seats	1 . . each		15 . .
152 cft	Teak wood wrought & put up	3 . . cft		456 . .
140 Sft	Zinc guttering	8 . . Sft		70 . .
40 .	Zinc fall pipes	8 . . .		20 . .
4 Nos	Stone under pipes	8 . . each		2 . .
10 .	Zinc pans complete	3 . . .		30 . .
17 sgr	Painting woodwork	4 12 . sgr		80 12 .
255 1/2 Sft	Batten door	12 . Sft		128 1 .
32 Sft	Constructing masonry drain	3 . Sft		6 . .
34 sgr	Tarring rafters 2 coats	12 . sgr		25 8 .
11 Nos	Iron rods with screws &c complete	6 . . each		66 . .
10 .	Small iron tie rods for seats	5 . . .		50 . .
2 .	Urinal tubs complete	20 . . .		40 . .
8 sgr	Gravelling sides of Latrines	2 . . sgr		16 . .
2 Nos	Finials	7 . . each		14 . .
Carried over Rs				2848 11 .

Brought forward Rs. 2848 11
Contingencies at 5 per cent 141 5

Deduct value of materials which can be utilized 2990
1940
Rupees 1950

Original cost of construction Rupees 2675 0 0

[Signature]

Captain R.C.

Offg. Consulting Archt to Govt.

Office of Consulting Architect
to Government 26 July 1875

Sub.

Converting the Public Works Workshop at Chepauk
into a Military Hospital.

Summary of the foregoing Estimates.

ine, Bath room & covered way for the
Female Hospital 1454

verting the late Office of Controller P.W.
Acts into Medical Officers quarters,
including out offices 13810

tructing quarters for 1 Apothecary,
2 Asst. Apothecaries & 1 Hospital Assistant
including out offices 16436

using the Compound, graveling
Drainage &c 14130

oving the Revenue Board office
Satrins & erecting the same in
another site 1950

Total Rupees 47780

[Signature]

Captain R.C.

Offg. Consulting Archt to Govt.

Consulting Archt
to Government
July 1875

No 302

Mr. J. W. Davis

Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 5 Feb'y 6.

Read the following:—

From,

The Government of India. (H.E. No 123. M. N. of 22nd Jan'y: 1876.)

Communicated to the Consulting Architect to Government and to the District Engineer Presidency who will take steps for utilizing the sum of Rs 30,000 available for the work, within the current official year. The transfer made in G. O. No 3510 of 11 December 1875, will be cancelled, and the additional sum of Rs 15,000 required for the Wellington Barracks will

will be transferred from
the allotment for the
Hospital at Poonamallee

Ann.

280 ✓
Govt. of 1876 Madras.

PUBLIC WORKS.

To

S. E. Presidency

Dated

Issued

Recd.

Encl. 87

G. O. 5 Feb 1876, No. 302

Nos. 41-42

Conversion of the S. E. Coast
Military into a Military
Hospital — action from the
Govt. of India sanctioning the
estimate of Rs 208,000 for the
— to be the Govt. Architect
to look to the Govt. Presidency
with instructions.