

(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.	462	Press
B.P. No.		Mis.
477-478		
Dated	24-2-1844	195.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
24th February 1874.*

No. 477. • Read the following letter from Colonel E. A. FOORD, R.E., Inspecting Engineer for Civil and Military Buildings, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Chepauk, 8th January 1874, No. 26:—

WITH reference to the Orders of Government, Nos. 1,723 and 2,072, dated

- 1 Copy of letter.
- 1 Plan.
- 1 Tracing of Standard Plan.
- 2 Estimates.

• Rupees 410.

† Rupees 600.

3rd July and 20th August 1873, I have the honour to forward a plan of Police huts for Constables and Head Constables, together with two estimates. The smaller* of the estimates provides for pillars of brick-in-chunam, with walls of mud plastered with clay and white-washed. The larger† estimate provides for building the walls between the pillars with brick-in-clay, pointed with chunam and whitewashed. The compound wall in both cases to be of mud with a coping of tiles.

2. It will be seen from the accompanying letter* from the Inspector-General of Police that he fully approves of the plan, and prefers the smaller of the two estimates.

• No. 104, dated 4th December 1873.

3. I forward also a copy of the standard plan for Police lines, received some years ago from the Secretary to Government, Department Public Works. In my letter to the Inspector-General I mentioned that this plan, with the addition of a small cooking shed, had been adopted for the proposed Police lines near the Salem Jail, and that the cost per hut with walls of burnt brick-in-clay, pointed with chunam, would be about 285 Rupees. The huts referred to in the 4th paragraph of the Inspector-General's letter were built about ten or twelve years ago, with mud walls, and not according to any standard plan. As they were not occupied or cared for, they soon went to ruin.

4. If the revised plan and estimate are approved by Government, I request they may be lithographed for circulation.

From Lieutenant-Colonel W. S. DREVER, Acting Assistant Inspector-General of Police, to Colonel E. A. FOORD, R.E., Inspecting Engineer for Civil and Military Buildings, dated Coimbatore, 4th December 1873, No. 104.

IN reply to your No. 1,589, dated 28th November, I have the honour, in returning its enclosures marginally noted, to make the following remarks.

- 1 Standard plan.
- 1 Revised Plan of Police Huts.
- 1 Abstract Estimate A.
- 1 Do. do. B.

2. I fully approve of your revised plan for Police huts, two of which as per your estimate A. will cost Rupees 360. It seems to me that while everything is therein provided which can reasonably be required and at moderate cost, there is nothing which can be surrendered. The entrance to the cooking-room from the interior of the hut is also quite in keeping with native custom, the window of the cook-room fastening inside.

*Proceedings of the Madras Government, Public Works Department,
24th February 1874.*

3. I think huts constructed on this design, while much less expensive than "lines" as per Standard Plan, are likely to last longer, and be in every way more suited to native requirements.

4. Of the Jail huts at Salem, to which you refer, and on which a very heavy outlay was incurred, there is not now one standing.

5. I shall feel obliged by your now considering the style, character, and cost of future Police huts definitively settled in accordance with your present plan and estimate A., and by your furnishing me with 25 copies of each for distribution to the officers of this department for guidance when sanctioned by Government.

No. 478. ORDER THEREON, 24th February 1874, No. 462.

CIVIL WORKS, No. 42.

ORDERED that Estimate A, which averages the cost of a Constable's hut at Rupees 175-8-0, and that of a Head

Constable's hut at Rupees 234-8-0, be approved; and the plan as slightly modified as to the position of the latrine be universally adopted and printed for general use, the Inspecting Engineer supplying District Engineers with estimates of quantities, from which he will permit of no deviation.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To District Engineers.
To the Inspecting Engineer for Buildings.
To Major R. B. Kennedy.
To the Judicial Department.
Inspector-General of Police.

Exd. S. T. Austin.
Spare Copies

A.

Abstract Estimate for constructing Police Huts for one Constable and one Head Constable

	RS.
1 Constable's Hut	175 1/2
1 Head Constable's Hut... ..	234 1/2
Total...	410

Quantity.	Description of Work.	Rate.	Per.	Amount.	Total.
		RS. A. P.		RS. A. P.	RS.
19 3/4	Cubic yards of brick-in-chunam for pillars.	4 8 0	C. yd.	88 8 0	
79 3/4	Do. of mud walls between pillars	0 4 0	Do.	19 14 8	
4 06	Squares of flooring with brick jelly in mud	0 12 0	Square.	3 0 8	
11 09	Squares of roofing with junglewood rafters, bamboo reapers, collar pieces, nails, pan-tiles and chunam borders, etc., complete	10 0 0	Do.	110 14 4	
11 09	Squares of tarring to woodwork	1 0 0	Do.	11 1 5	
23 44	Squares plastering with mud and white-washing	0 10 0	Do.	14 10 4	
31 1/4	Cubic feet of Vengaywood	2 8 0	C. ft.	79 3 6	
2	Batten doors (3' x 6')	10 0 0	Each	20 0 0	
4	Batten windows (2 1/2' x 3')	5 0 0	Do.	20 0 0	
2	Do. (2' x 2')	2 10 8	Do.	5 5 4	
79 1/2	Cubic yards of mud wall (compound) ...	0 4 0	C. yd.	19 14 8	
53 1/2	R. yards of tile coping over compound wall	0 1 6	R. yd.	5 0 0	
	Total...	...	...	397 8 11	
	Excavating foundation and sundries at 5 per cent.	...	...	12 7 1	
	Total Estimate .	...	...	...	410

(Signed) E. A. FOORD, Colonel, R.E.,
Inspecting Engineer for Buildings.

A.

Pillars.—Foundation, basement, and superstructure of brick-in-chunam.
Walls between pillars.—Mud and plastered with mud and whitewashed.

N^o 104

Office of the ⁵² Commr. of Police
Coimbatore 4th December 1873.

From the

The Inspector General
of Police

To

Colonel E. A. Ford R.E.
Inspecting Engineer for
Civil and Military Buildings

Sir,

In reply to your N^o 1589

dated 28th November, I have the honor

in returning its enclosures marginally
noted, to make the following remarks.

- 1 Standard plan.
- 1 Revised plan of Police Huts
- 1 Abbott's Estimate A
- 1 D^o D^o B

I fully approve of your revised plan for Police Huts, two of which as per your estimate A, will cost Rs. 360. It seems to me that while every thing is therein provided which can reasonably be required and at moderate cost, there is nothing which can be surrendered. The entrance to the cooking

cooking room. from the interior of the hut is also quite in keeping with native custom, the window of the cook room, fastening inside.

3. I think Huts constructed on this design, while much less expensive than "Lines" as per standard plan, are likely to last longer and be in every way more suited to native requirements.

4. Of the jail Huts at Salem to which you refer and on which a very heavy outlay was incurred, there is not now one standing.

5. I shall feel obliged by your now considering the style character and cost of future Police Huts definitively settled in accordance with your present plan and Estimate and by your furnishing me with 25 copies

71
copies of each, for distribution to the officers of this Department for guidance when sanctioned by Government.

I have the honor to be in the
/Signed/ W. S. Brewer
A. G. Asst. Inspector General
of Police.

/True Copy/

Edw. C. R. E.
Inspecting Engineer
for Buildings

B.

Abstract Estimate for Constructing Police Huts for One Constable and one Head Constable.

One Constables Hut—Rs ^{257 1/2} 235 1/2
One Head Constables Hut—Rs ^{342 1/2} 314 1/2
Total Rupees—550—
600.

Quantity	Description of Work	Rate Per	Amount	Total
14 Cys	of Brick in chunam pillars 4.8	Cyd 63		
85 1/2 Cys	of Brick in clay walls between Dore 2.8	Dc 213	54	
4.06 Cys	of Flooring with brick jelly mud	Rs 3	12	✓ 10
11.09 Dc	of Roofing with jungle wood			
	— rafters bamboo reapers, nails			
	— collar pieces pantiles and chu	10	Dc 110	144 ✓ 50
	— nam borders &c Complete.			
11.09 Dc	of Larring to woodwork	1	Dc 11	15 ✓
23.44 Dc	of Painting with chunam			
	— and whitewashing	1 2	Dc 25	14 10
31 1/6	Cft of Kengay wood	2 8	Cft 79	3 6
10 3/32	Batten Doors (3' x 6')	10	Each 20	✓
4 Dc	Windows (2 1/2 x 3')	5	Each 20	✓
2 Dc	— Dc (2' x 2')	2 10 8	to 5	5 1/4 ✓
79 1/2 Cys	of Mud wall (Compound)	4	Cyd 19	14 8 ✓
53 1/3 Cys	of Tile coping over	1 6	Cyd 5	✓
	<u>Total Rupees</u>		^{576 12 1} 525 14 10	
	Excavating foundation & Sundries at 5 per Cent		^{23 3 11} 24 1 2	
	<u>Total Estimate Rupees</u>			⁶⁰⁰ 550

Edmond Colonel R. C.
Inspector Eng^r for Buildings

For 100 Rs. a Hut No 26
Hut 8. 100 Rs.

P. M. 12/1/74

Handwritten notes at the top of the left page, including "Abstract Estimate for Constructing Police Huts" and other illegible text.

Abstract Estimate for Constructing Police Huts for one Constable and one Head Constable
Estimate Rs 550.

Abstract Estimate for Constructing Police Huts for one Constable and one Head Constable
Estimate Rs 550.

B.

B.

A.

Abstract Estimate for Constructing Police Huts for one Constable and one Head Constable.

1. Constables Hut Rs 154 2 17 1/2
1. Head Constables Hut 205 2 23 1/2
Total Rupees 360. 410

<i>Quantity</i>	<i>Description of Work</i>	<i>Rate</i>	<i>Amount</i>	<i>Total</i>
<i>19 2/3</i>	<i>Cyds of Brick in chunam for pillars.</i>	<i>4 8</i>	<i>Cyds 88 8</i>	
<i>79 2/3</i>	<i>Cyds of Mud walls between pillars.</i>	<i>4 8</i>	<i>Cyds 19 14 8</i>	
<i>4.06</i>	<i>Sqrs of Flooring with brick jelly in mud.</i>	<i>12 3</i>	<i>Sqrs 3 2</i>	
<i>11.09</i>	<i>Sqrs of Roofing with jungle wood rafters</i>			
	<i>Bambooreapers, collar pieces, nails, pans</i>	<i>10</i>	<i>Sqrs 110 14 4</i>	
	<i>tiles, and chunam borders &c complete.</i>			
<i>11.09</i>	<i>Sqrs of Larring to woodwork.</i>	<i>1</i>	<i>Sqrs 11 1 5</i>	
<i>23.44</i>	<i>Sqrs of Plastering with mud & whitewashing.</i>	<i>10</i>	<i>Sqrs 14 10 4</i>	
<i>10 3/4</i>	<i>Cyds of Uengaywood.</i>	<i>2 8</i>	<i>Cyds 27 6 9</i>	
<i>2</i>	<i>Batten doors (3x6)</i>	<i>10</i>	<i>Each 20</i>	
<i>4</i>	<i>Batten Windows (2 1/2 x 3)</i>	<i>5</i>	<i>Each 20</i>	
<i>2</i>	<i>Batten Windows (2 x 2)</i>	<i>2 10 8</i>	<i>Each 5 5 4</i>	
<i>79 2/3</i>	<i>Cyds of Mud wall (Compound)</i>	<i>4</i>	<i>Cyds 19 14 8</i>	
<i>53 1/3</i>	<i>Cyds of Tile coping over compound wall</i>	<i>1 6</i>	<i>Cyds 5</i>	
<i>Total Rupees</i>				<i>397 8 11</i>
<i>Excavating foundation & Sundries at 5 percent</i>				<i>14 1 1</i>
<i>Total Estimate Rupees</i>				<i>410</i>

sd Mrd Colonel R.E.
Insp. Eng. for Buildings.

No. 26

OFFICE OF THE INSPECTING ENGINEER
FOR CIVIL AND MILITARY BUILDINGS,
Chapatk, 8 January 1874.

From

THE INSPECTING ENGINEER
FOR CIVIL AND MILITARY BUILDINGS,

To

The Secretary to Government
Public Works Department

SIR,

With reference to the orders of

Government Nos 1723 and 2072, dated 3rd

July and 20th August 1873, I have the honor

to forward a plan of Police huts for

Constables and Head Constables together

with two estimates. The smaller of the

estimates provides for pillars of brick in

chunam with walls of mud, plastered

with clay and whitewashed. The larger

estimate provides for building the walls

between the pillars with brick in clay

pointed with chunam and whitewashed.

The compound wall in both cases to be

of

Enclosures 5

1 Copy of letter

1 Plan

1 Tracing of

Standard Plan

2 Estimates.

* Rs. 410.

* Rs. 600

A.

A.

P. M. 120/74

Abstract Estimate for
Constructing Police Huts
for one Constable and
one Head Constable.
Estimate of Rs. 350.

Under a letter No
26 dated 8 January

William - Foundation, Basement and
superstructure of brick in chunam
walls between pillars - mud and
lined with mud & whitewashed

of mud with a coping of tiles.

2. It will be seen, from the accompanying letter from the Inspector General of Police, that he fully approves of the plan and prefers the smaller of the two estimates.

N^o 104,
dated 11th Dec 1873.

3. I forward also a copy of the standard plan for Police Lines, received some years ago from the Secretary to Government D.P.W. In my letter to the Inspector General I mentioned that this plan, with the addition of a small cooking shed, had been adopted for the proposed Police Lines near the Salem Jail and that the cost per hut with walls of burnt brick in clay pointed with chunam would be about 285 Rupees. The huts referred

referred to in the fourth para of the Inspector General's letter were built about ten or twelve years ago, with mud walls, and not according to any standard plan. As they were not occupied or cared for, they soon went to ruin. If the revised plan and estimate are approved by Government I request they may be lithographed for circulation.

I have the honor to be

Sir

Your Most Obedient Servant
Edwd Colver
Inspecting Engineer for
Civil & Military Buildings

12.7.77

Towards the Plains
 a column of 2000 men for
 Police duty for 3 months
 4th Cavalry and
 Engineers, sent without
 the necessary provisions and
 clothing, because out
 they might be better
 supplied for cir-
 culation

462-24-74
 Recd. 5.
 Dated 17 Jan 1884

To
The Secretary
of Government
London

From The Inspecting Engineer for Building.

627-1854 Defunct
Jan'y 4, 1854
No. 28 120.

P. D. No. 462
 Recd of the mares for
 Read the following Draft order
 from the Supdms. (H. E. No. 25 of
 Building 3 O. S. 74)
 Ordered that
 Estimate A, wh.
 the

Ordered that
Estimate A, wh.
averages the
cost of a Const.
ble's Stut at
A 175.8, that
for Head Cen.
stable's Stut at
A 234.8, be up.
+ the

as slightly modified } proved
into the position of } Plow
the Latrine } by adopted &
printed for general
use; The
inspecting Super-
viser supplying
District Inspectors
with determinations
of quantities,
from which he
will permit
of no deviation.

Lynn

130
11.10
11.11
11.12
11.13
11.14
11.15
11.16
11.17
11.18
11.19
11.20
11.21
11.22
11.23
11.24
11.25
11.26
11.27
11.28
11.29
11.30
11.31
11.32
11.33
11.34
11.35
11.36
11.37
11.38
11.39
11.40
11.41
11.42
11.43
11.44
11.45
11.46
11.47
11.48
11.49
11.50
11.51
11.52
11.53
11.54
11.55
11.56
11.57
11.58
11.59
11.60
11.61
11.62
11.63
11.64
11.65
11.66
11.67
11.68
11.69
11.70
11.71
11.72
11.73
11.74
11.75
11.76
11.77
11.78
11.79
11.80
11.81
11.82
11.83
11.84
11.85
11.86
11.87
11.88
11.89
11.90
11.91
11.92
11.93
11.94
11.95
11.96
11.97
11.98
11.99
11.100
11.101
11.102
11.103
11.104
11.105
11.106
11.107
11.108
11.109
11.110
11.111
11.112
11.113
11.114
11.115
11.116
11.117
11.118
11.119
11.120
11.121
11.122
11.123
11.124
11.125
11.126
11.127
11.128
11.129
11.130
11.131
11.132
11.133
11.134
11.135
11.136
11.137
11.138
11.139
11.140
11.141
11.142
11.143
11.144
11.145
11.146
11.147
11.148
11.149
11.150
11.151
11.152
11.153
11.154
11.155
11.156
11.157
11.158
11.159
11.160
11.161
11.162
11.163
11.164
11.165
11.166
11.167
11.168
11.169
11.170
11.171
11.172
11.173
11.174
11.175
11.176
11.177
11.178
11.179
11.180
11.181
11.182
11.183
11.184
11.185
11.186
11.187
11.188
11.189
11.190
11.191
11.192
11.193
11.194
11.195
11.196
11.197
11.198
11.199
11.200
11.201
11.202
11.203
11.204
11.205
11.206
11.207
11.208
11.209
11.210
11.211
11.212
11.213
11.214
11.215
11.216
11.217
11.218
11.219
11.220
11.221
11.222
11.223
11.224
11.225
11.226
11.227
11.228
11.229
11.230
11.231
11.232
11.233
11.234
11.235
11.236
11.237
11.238
11.239
11.240
11.241
11.242
11.243
11.244
11.245
11.246
11.247
11.248
11.249
11.250
11.251
11.252
11.253
11.254
11.255
11.256
11.257
11.258
11.259
11.260
11.261
11.262
11.263
11.264
11.265
11.266
11.267
11.268
11.269
11.270
11.271
11.272
11.273
11.274
11.275
11.276
11.277
11.278
11.279
11.280
11.281
11.282
11.283
11.284
11.285
11.286
11.287
11.288
11.289
11.290
11.291
11.292
11.293
11.294
11.295
11.296
11.297
11.298
11.299
11.300
11.301
11.302
11.303
11.304
11.305
11.306
11.307
11.308
11.309
11.310
11.311
11.312
11.313
11.314
11.315
11.316
11.317
11.318
11.319
11.320
11.321
11.322
11.323
11.324
11.325
11.326
11.327
11.328
11.329
11.330
11.331
11.332
11.333
11.334
11.335
11.336
11.337
11.338
11.339
11.340
11.341
11.342
11.343
11.344
11.345
11.346
11.347
11.348
11.349
11.350
11.351
11.352
11.353
11.354
11.355
11.356
11.357
11.358
11.359
11.360
11.361
11.362
11.363
11.364
11.365
11.366
11.367
11.368
11.369
11.370
11.371
11.372
11.373
11.374
11.375
11.376
11.377
11.378
11.379
11.380
11.381
11.382
11.383
11.384
11.385
11.386
11.387
11.388
11.389
11.390
11.391
11.392
11.393
11.394
11.395
11.396
11.397
11.398
11.399
11.400
11.401
11.402
11.403
11.404
11.405
11.406
11.407
11.408
11.409
11.410
11.411
11.412
11.413
11.414
11.415
11.416
11.417
11.418
11.419
11.420
11.421
11.422
11.423
11.424
11.425
11.426
11.427
11.428
11.429
11.430
11.431
11.432
11.433
11.434
11.435
11.436
11.437
11.438
11.439
11.440
11.441
11.442
11.443
11.444
11.445
11.446
11.447
11.448
11.449
11.450
11.451
11.452
11.453
11.454
11.455
11.456
11.457
11.458
11.459
11.460
11.461
11.462
11.463
11.464
11.465
11.466
11.467
11.468
11.469
11.470
11.471
11.472
11.473
11.474
11.475
11.476
11.477
11.478
11.479
11.480
11.481
11.482
11.483
11.484
11.485
11.486
11.487
11.488
11.489
11.490
11.491
11.492
11.493
11.494
11.495
11.496
11.497
11.498
11.499
11.500
11.501
11.502
11.503
11.504
11.505
11.506
11.507
11.508
11.509
11.510
11.511
11.512
11.513
11.514
11.515
11.516
11.517
11.518
11.519
11.520
11.521
11.522
11.523
11.524
11.525
11.526
11.527
11.528
11.529
11.530
11.531
11.

with a printed estimate

Plain sent to all local off - 6/3/74
-u- sent to others 11/3/74.

[Faint, mostly illegible handwritten notes on the left page, possibly related to the 'Standard Plan' mentioned on the right.]

[Faint handwritten notes in the middle of the left page, including what appears to be a signature or initials.]

I do not under-
stand how the
block is to be
continued —
Why not pre-
sented to Latin
from within? —

[Faint handwritten notes at the bottom of the left page, including the word 'Please' and 'as'.]

Dec 17/74
in 12/17/74

2 Sets of Standard Plans
of Police Stations circulated
for Orders —

1st Set. A.
Constable R 175.0
Head R 234.0
R 410.0

2nd Set. B.
Constable R 257.0
Head R 342.0
R 600.0

A less than B
Constable R 82.0
Head R 108.0
R 190.0

Plans identical. The only
difference being the use of
Mixed Walls between Brick
in Churnum Pillars in A. as
opposed to Brick in Clay Walls
pointed with Churnum
in B —

Estimate A recommended

[Signature]
12.1.74

Original Standard Plan recommended

No 120 ★
Govt. of Madras.

PUBLIC WORKS.

Distt Engineers

Dated

Recd.

Ex. 5

G. O. 24th Feb 1872

No. 477 & 478

Police Buildings. Paving

orders in letter from the
Inspector of Buildings
submitting plans &
Estimates for huts for the
Constables & ~~the~~ Constables.
bles.