

(1) Number of pages 18

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. <u>1252</u>	Press ~~Mis.~~
Dated <u>25.10.</u> 18 <u>77.</u>	

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

25th October 1877, No. 1,252 W.

Buildings and Roads.
Civil Works.

Read the following papers :—

No. 252. From Captain A. AWDRY, R.E., Acting District Engineer, Coimbatore, to the Chief Engineer, Public Works Department, Buildings and Roads, dated Coimbatore, 22nd May 1877, No. 21 C I.

I HAVE the honor to forward for sanction plan and estimate, amounting to Rupees 590, for erecting a cook-room and privy in the compound of the Police Inspector's quarters lately constructed at Collegal.

One Plan.

„ Estimate.

2. The estimate was prepared at the request of the Superintendent of Police, and has been approved and countersigned by the Inspector-General of Police, who has made provision for the work in his scheme of Police Buildings to be carried out by the Public Works Department in 1878-79.

No. 252-A. From the same Officer, dated Coimbatore, 15th September 1877, No. 85 C I.

With reference to your memorandum No. 1,598 of 13th June 1877, I have the honor to submit for sanction an estimate amounting to Rupees 562 accompanied by plan and specification. The plan and estimate have been revised in accordance with the suggestions in the above memorandum.

One Plan.

„ Estimate.

„ Specification.

No. 253. ORDER THEREON, 25th October 1877, No. 1,252 W.

HIS GRACE the Governor in Council sanctions the plan and estimate of Rupees 562 for constructing a cook-room, godown, stable and privy to the Police Inspector's quarters at Collegal in the Coimbatore District.

2. The District Engineer, Coimbatore, will include the work in his statement of demands against the Reserve of 1878-79 to be submitted in April next.

3. This sanction has been registered as Provincial No. 190 B of 1877-78.

(True Extract.)

Colonel, R.E.
Secretary to Government, P.W.D.

To the District Engineer, Coimbatore.
„ Examiner of Public Works Accounts.
„ Inspector-General of Police.
„ Judicial Department.

Exd. E. C. Shunker.
Spare Copies

Wall

1968
11/9/77

Specification to accompany the plan
and Estimate for Constructing out Houses
to the Police Inspectors Quarters at Collegal.
Amount of Estimate Rs. 562.

Excavation. 1. The excavation for the foundation of the
outhouses & privy shall be taken down to a
depth of $1\frac{1}{2}$ ft. to hard gravelly soil, the width
to the former will be 2 ft. and of the latter
 $1\frac{1}{2}$ ft., any superfluous excavation at the sides
to be filled in again and well rammed.

Foundation
and
Superstructure. 2. The foundation & Superstructure shall
be built of the best burnt brick / Government
size / in mud. The mud shall consist of
two parts of the surface soil at the site, mixed
and well-tempered with one part of clay
from the adjoining paddy fields. Joints
not to exceed $\frac{1}{4}$ inch in thickness, to be
scraped out before plastered, and English
bond to be used throughout.

Archwork
and
Coping. 3. The flat arch work over doors and win-
dows, and the coping of arched wall to the
privy shall be built with selected hard bricks
only. The bricks to be ground down to the
required shape, and the key bricks to the
arches to be well driven home. The mortar
to consist of 1 part of fresh & newly burnt
stone lime, slaked on the work, thoroughly
incorporated with $1\frac{1}{2}$ parts of clean, coarse,
river sand. Joints not to exceed $\frac{1}{4}$ inch
in thickness.

Plastering. 4. The joints being raked out, and the
wall

wall well wetted & swept perfectly clean, one coat of plaster $\frac{1}{2}$ inch thick, consisting of equal parts of lime and sand, shall be applied, well & properly handfloated, & brought to a smooth and even surface by rubbing down a little pure-lime and water sprinkled on the surface.

5. All the walls shall be whitewashed. *Whitewashing.* The wash shall be of such a consistency that it will not easily drop from a brush, and shall be mixed with a due proportion of gum or rice-water.

6. Honeycomb-tiling to be provided. Honeycomb tiling to the side walls of the Privy as indicated on the plan. The tiles to be of uniform gauge, well burnt, whitewashed and set in mortar of the same description as for archwork. The tiles to be built with a dip downwards towards the outside of the wall.

7. The roof to be a couple roof, with *Roofing.* single collar-piece, and rafters of jungle wood (vengay or ventak) covered with mats, and a single course of pan tiles. The rafters to be six inches apart from centre to centre. Over the bamboo mats, bamboo laths shall be nailed down at intervals of about 7 inches, to keep the tiles from slipping.

Above the fireplaces in the cook-room, the roof shall be provided with a ridge ventilator 6 ft. long as shown on the plan.

For scantlings of roof timber see plan.

8. The flooring to the cook room and *Flooring.* godown

godown shall consist of burnt brick in mud. The lower course being laid flat, & the upper course on edge.

The flooring to the stable and Privy shall be formed with gravel, well watered and tamped, & provided with the needful drainage slopes.

9. The work shall be executed according to the plan & estimate, and according to the dimensions marked thereon.

H. M. S. D.
Collegial Dist. Office }
Collegial 8 Sept. 1897 }
Superior P.W.D.

A. Dwyer. Captain R.E.
of District Engineer Combaries

Coimbatore District

1905/11/9/77

Provincial
Original Works
Civil Building
Police Department
Dwelling House.

Abstract Estimate No. of 1877-78.

Work.- Constructing Out Houses, viz, a cook-room, godown, stable and Privy, to the Police Inspector's Quarters at Collegal.

Provision for District
Police Department.

Specification Dept.
to accompany the Est.
of Rs. 562. for construct-
ing out houses to the
Police Inspector's Quarters
at Collegal.

Quantity	Description of Work	Per	Rate	Amount	Total
68 3/4	cub. yds. of Brick in mud.	cyd.	4	274	10 8 v
1	do. of Brick in chunam	do	5 4	5 4	v
20 3/4	squares of Plastering with one coat of chunam.	sq.	2	41	8 v
9	sq. ft. of Iron work in chunam.	sq. ft.	2	18	v
18.35	squares of Roofing, with jungle wood coupled, reapers, bamboo.	sq.	20	167	v
	mats, tiles with chunam ridges, borders and stripes complete.				
2.40	do. of Plastering with Brick in mud	sq.	3 8	8 64	v
1.36	do. do. with gravel	do	8	10 10	v
20 3/4	do. of whitewashing	do	4	5 3	v
15 7/8	cub. yds. of Earthwork in excavation	cyd.	2	15 5	v
2	Jungle wood, battens doors complete	each	8	16	v
2	do. do. windows	do	5	10	v
2	do. do. ventilator	do	1	1	v
1	do. do. Privy seat	do	3	3	v
1	do. do. Sundries at 5 per cent.	do		535	12 4 v
	Total of Estimate			562	26 3 8 v

7025 (Est. P) Id. 2: 232

Detailed Estimate No

of 1877-78.

Total cub. ft. of brick in mud left deducting 1861 $\frac{5}{8}$ ✓
or cub. yards. 68 $\frac{2}{3}$ ✓

Particulars of Work

Measurement
in feet

No. L B D Content in cu. ft.

Brick in chunam.

Brick in mud.

Foundations, out Houses, Front & rear walls, 2 39 $\frac{3}{4}$ 2 1 $\frac{1}{2}$ 238 $\frac{1}{2}$ ✓
End & cross walls — 4 9 $\frac{1}{2}$ 2 1 $\frac{1}{2}$ 111 ✓Steps — 2 4 $\frac{1}{2}$ 1 3 $\frac{1}{4}$ 6 $\frac{3}{4}$ ✓Do. Privy. Side walls — 2 8 $\frac{3}{4}$ 1 $\frac{1}{2}$ 12 37 $\frac{3}{4}$ ✓
Front wall — 1 3 1 $\frac{1}{2}$ 1 $\frac{1}{2}$ 6 $\frac{1}{4}$ ✓Back wall — 1 5 $\frac{1}{4}$ 1 $\frac{1}{2}$ 1 $\frac{1}{2}$ 12 $\frac{1}{8}$ ✓Continuation of side wall — 1 3 $\frac{1}{4}$ 1 $\frac{1}{2}$ 1 $\frac{1}{2}$ 7 $\frac{5}{8}$ ✓Basement, out Houses, Front & rear walls — 2 39 $\frac{3}{4}$ 1 $\frac{1}{2}$ 1 117 $\frac{3}{4}$ ✓
End & cross walls — 4 9 $\frac{1}{2}$ 1 $\frac{1}{2}$ 1 58 $\frac{1}{2}$ ✓Superstructure, out Houses, Front & rear walls — 2 39 1 $\frac{1}{4}$ 7 682 $\frac{1}{2}$ ✓
End & cross walls — 4 10 1 $\frac{1}{4}$ 7 350 ✓Gables over cross walls — 2 5 1 $\frac{1}{4}$ 3 $\frac{1}{2}$ 41 $\frac{3}{8}$ ✓

Wall for fire places — 1 10 3 3 90 ✓

Do. — above — 1 10 1 $\frac{1}{2}$ 1 7 $\frac{1}{2}$ ✓Do. Privy. Side walls — 2 8 $\frac{1}{2}$ 1 $\frac{1}{4}$ 4 $\frac{1}{2}$ 95 $\frac{5}{8}$ ✓
Front wall — 1 3 1 $\frac{1}{2}$ 5 $\frac{1}{2}$ 20 $\frac{5}{8}$ ✓Back wall — 1 6 1 $\frac{1}{4}$ 5 $\frac{1}{2}$ 41 $\frac{1}{4}$ ✓Continuation of side wall — 1 3 $\frac{1}{4}$ 1 $\frac{1}{4}$ 5 20 $\frac{5}{8}$ ✓Screen wall — 1 4 1 $\frac{1}{4}$ 5 25 ✓Total cubic feet 1982 $\frac{3}{8}$ ✓

Deduct in out Houses,

for Portion of basement not built
in stable. — 1 6 1 $\frac{1}{2}$ 1 9 ✓Do. — wall above — 1 6 1 $\frac{1}{4}$ 7 52 $\frac{1}{2}$ ✓Doorways — 2 2 $\frac{1}{2}$ 1 $\frac{1}{4}$ 5 31 $\frac{1}{4}$ ✓Windowways — 2 2 1 $\frac{1}{4}$ 2 $\frac{1}{2}$ 12 $\frac{1}{2}$ ✓Flat arch over doors — 2 3 1 $\frac{1}{4}$ 1 7 $\frac{1}{2}$ ✓Do. — over windows — 2 2 $\frac{1}{2}$ 1 $\frac{1}{4}$ 1 6 $\frac{1}{4}$ ✓Circular ventilator in stable. (area = 1.22) x 1 $\frac{1}{4}$ 1 $\frac{1}{2}$ ✓
Total cub. ft. of deduct 120 $\frac{1}{2}$ ✓Rising over continuation of side wall
of privy. — 1 3 $\frac{1}{4}$ 1 $\frac{1}{4}$ 1 2 ✓Do. — screen wall of — do — 1 4 1 $\frac{1}{4}$ 1 2 $\frac{1}{2}$ ✓Flat arch over doorways — 2 3 1 $\frac{1}{4}$ 1 7 $\frac{1}{2}$ ✓Do. — windows — 2 2 $\frac{1}{2}$ 1 $\frac{1}{4}$ 1 6 $\frac{1}{4}$ ✓Steps — 2 4 $\frac{1}{2}$ 1 1 4 $\frac{1}{2}$ ✓Total cub. ft. of brick in chunam 22 $\frac{3}{4}$ ✓
or cub. yards, say 1. ✓

Plastering (one coat of chunam).

Out Houses, Long walls of godown — 4 12 — 7 $\frac{1}{2}$ 360 ✓
& coat room / interior — 2 10 — 7 $\frac{1}{2}$ 150 ✓Do. — stable / interior — 2 10 — 7 $\frac{1}{2}$ 150 ✓End & cross walls — do — 6 10 — 7 $\frac{1}{2}$ 450 ✓Gables over — do — do — 4 5 — 3 $\frac{1}{2}$ 66 $\frac{2}{3}$ ✓Front & rear wall, exterior — 2 39 — 6 $\frac{1}{2}$ 507 ✓End walls — do — do — 2 12 $\frac{1}{2}$ — 6 $\frac{1}{2}$ 162 $\frac{1}{2}$ ✓Pavement front & rear, in — 2 39 $\frac{1}{4}$ — 1 78 $\frac{1}{2}$ ✓
including use of steps — 2 39 $\frac{1}{4}$ — 1 78 $\frac{1}{2}$ ✓Do. — ends — 2 12 $\frac{3}{4}$ — 1 25 $\frac{1}{2}$ ✓Head of steps including sides — 2 5 $\frac{1}{2}$ — 1 11 ✓Privy. Side walls — interior — 2 6 — 4 $\frac{1}{2}$ 54 ✓

Rear wall — do — 1 6 — 6 36 ✓

Front wall — do — 1 3 — 6 18 ✓

Side walls — exterior — 2 8 $\frac{1}{2}$ — 4 $\frac{1}{2}$ 76 $\frac{1}{2}$ ✓Rear wall — do — 1 8 $\frac{1}{2}$ — 5 42 $\frac{1}{2}$ ✓Front wall end & do — 1 5 $\frac{1}{2}$ — 5 27 $\frac{1}{2}$ ✓Continuation of side wall, outside — 1 3 $\frac{1}{4}$ — 6 19 $\frac{1}{2}$ ✓

Do. — inside — 1 2 — 6 12 ✓

Screen wall — inside — 1 4 — 6 24 ✓

Do. — outside & end — 1 6 $\frac{1}{2}$ — 6 39 ✓Total sq. ft. 2160 $\frac{1}{2}$ ✓

Deduct for Opening in Stable — 2 6 7 34 1
 (N.B. No deduction for doors & windows, to cover plaster
 sides, soffits & sills of openings.)

Total sq. ft. of Plaster one coat chunam 20 53 1

Honey-Comb Tiling in chunam.

down side walls of Privy 2 6 7 9 1

Total sq. ft. Honey Comb 9 1

Roofing.

Front & rear slopes of out house 2 41 1/2 1/2 55 3/4 1

End slopes of — do — 2 14 1/2 3/4 19 3/4 1

Privy, four sides — 4 10 1/2 3/4 131 1/2 1

Ridge Ventilator over cook room 6 2 1/2 27 1/2 1

Total sq. ft. of Roofing 82 1/2 1

Flooring, with Brick in mud.

Cook room & Godown 2 12 10 240 1

Flooring with gravel

Stable — 1 10 10 100 1

Privy — 1 6 6 36 1

Total sq. ft. Gravel Flooring 136 1

White Washing. (Same as for Plastering). Equ. area 136 1

Doors & Windows. Tengay Batten doors

with frames & fittings complete } 2 2 1/2 5 2 2 1

Do Windows: — do — 2 2 2 2 2 1

Do Ventilator to Stable 1 1 1/2 diam. 1 1 1

Do Seal to Privy 1 2 ft. diam. 1 1 1

Earth work. (Excavation & filling in) Same as for foundations 225 5/8 1/2

or cub. yds. 15 7/8 1

Collegial Dist. Office
 Collegial 8 Sept 1877.

Checked by

M. M. S. D.
 Supervisor (P.W.D.)

Dist. Engineer's Office
 Comptroller 15 Sept 1877
 A. A. D. W. Captain R.E.
 As District Engineer Coimbatore

Enclosure to be added
from the Ag District
Engineer's Office to be
to the Dy. Chief Engineer
P.W.D. Madras No. 850
of 15 September 1877.

Consolidated District
College Division.

Estimate for Construct-
ing outbuildings to the
Office Inspectors' Quarters
at College.

Amount of Estimate Rs 562

4625 (Oct/77) No. 252

No 2102
Buildings

Distt. Engineer's Office
Coimbatore 22nd May/77

From,

The Ag District Engineer
Coimbatore

To,

The Chief Engineer
for Roads & Buildings
Madras.

Sir,

I have the honor to forward
for sanction Plan and Esti-
mate amounting to Rs 590 for
erecting a book room and
Privy in the compound
of the Police Inspector's
quarters lately constructed
at College.

2. The Estimate was
prepared at the request
of the Superintendent of
Police and has been approved

Enclosures
1 Plan
1 Estimate

and countersigned by the
Inspector General of Police,
who has made provision
for the work in his scheme
of Police buildings to be
carried out by the Public
Works Department in 1888/89- 1878-79
I have the honor to be

Sir,

Yours most obed^t. Serv^t

A. Quady. Captain R.E.
Ag District Engineer, Bangalore

SL

G.O. No 21875 January/76
 " " 26508 20 Oct/76
 " " 17127/14 April/75.

From P.W.D.
 The Dy. District Engineer
 Coimbatore
 To The Chief Engineer
 Roads & Buildings
 Madras.

No 2102
 Dated 22nd } May 1877
 Recd

Enclosures 2

Memd No 15988/13 June/77

Cook room and Privy
 in the compound of the
 Police Inspectors quarters
 Collegial.

Forwards for sanction
 a Plan and estimate Rs 562
 for erecting a

T.D. District Engineer
 Coimbatore
 21/5/77

G.O. 25 Oct/77 No 252

No 12528

Crake 4
 Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 25th Oct/77.

Read the following:—

From the District Engineer
 Coimbatore

(H.O. No 21. C.I. d/22 May 1877.
 and No 85-C.I. dated 15th Sept
 1877)

His Grace the Governor
 in Council sanctions the plan
 and Estimate of Rs 562 for
 constructing a Cook room,
 godown, Stable and Privy
 to the Police Inspectors Quarters
 at Collegial in the Coimbatore
 District

2. The District Engineer
 Coimbatore will include the
 work in his Statement of
 demands against the Reserve
 of 1878 and 1879 to be submitted
 in April next. W.H.
 19.10.77

To the D.C. Coimbatore
 Ex- P. W. Accounts
 Dy. Secy. of Police
 G.O. No 252
 17 Dec/77

CAF 25/10
 This sanction has been re-
 gistered as Provincial No 190 Ref
 1877-78.

Copy 129
Oct. of 1877 *1572*
PUBLIC WORKS.

To

Dated

Issued

Recd.

Encl.

G. O., 25 Oct 1877, No. 12521W

Nos. 252-253

Police Inspectors' Quarters
at Collegab, Cimbatores

Or: Sanction plan etc
of No 362 for constructing
a Cook-Room, godown, Churn
and privy to the —

Sub Dir. P.W.
1. 11. 77