

Public Works (1896) Department.

G.O., No. 3443 W.

²
DATED 3. December
1896.

[Despatch Abstract.]

Military Place of Arms at Mangalore.

Estimate of Rs. 3040 for alterations
to the - to adapt it as a District Police
Office. Sanctioned for execution when
funds are available.

100
5

BACK PAPERS.

FURTHER PAPERS.

BUILDINGS AND ROADS.
CIVIL WORKS.

Government { 1896 } of Madras.
PUBLIC WORKS.

Recd.

Regd.

{ 1896.

Enclosures

Spare copies

G.O., No. 3443 W., 3rd December 1896.

DECEMBER.

Military Place-of-arms at Mangalore

Estimate of Rs. 3,040 for alterations to the —, to adapt it as a District Police office, sanctioned for execution when funds are available.

Estimate for a Police Office

P.W. DEPARTMENT.

at Mangalore.
No. 3443 W of 3^d December 1896.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

B. H. Bulwark

READ the following

Proceedings of Govt. in the Judicial Dept. No. 1709 of 30 October 1896.
Note by the Chief Engineer of 21-11-96

3 P

The estimate, amounting to Rs 3040 for alterations to the Military Place of Arms at Mangalore, to adapt it as a District Police Office, is sanctioned for execution when funds are available.

Will the Secy say whether or not this is among the works ordered to be postponed.

A.S.H. 25.11.96

Yes. Please see Item 2. 101, para 1, of G.O. No. 3299 W of 17 November 1896.

Attention is drawn to the Chief Engineer's note above recorded.

3. This sanction has been registered as Provincial No. 116 W of 1896-97 and classified as Civil Buildings, Original Works.

17/11/96 W.

Mr. C. S. Estimate sanctioned, but not the execution of the works. A.S.H. 29.11.96

The budget grant of Rs 7000 was withdrawn in G.O. No. 3299 W of 17 Nov 1896 (in press)

To the S.C. Circle with enclos.
" Exar. P.W. Secty
" Judicial Dept.

See W 16/11/96
15.00
21/11/96
W. to view - an
in ground - an
1/12/96
W
See W 16/11/96
1/12/96
W

P.W.D.

Note by the Chief Engineer

The 3 feet depth of foundations provided in gravelly soil for cross walls in the main building not exceeding 8'-6" high seems excessive. It is moreover, considered that a depth of 1'-6" would suffice as foundations for the latrine.

2. The undersigned agrees with the Inspector General of Police that the heat will be intolerable unless a plank ceiling is provided, and he is of opinion that a plank ceiling should be introduced in the rooms occupied as offices. An ordinary flat and plank tiled roof would scarcely meet the case, for not only would

would the absence of planking
be felt but the necessary
increase of timber-work
that would be involved
would considerably add to
the cost.

3. A revised estimate
should be submitted without
delay in the event of its being
found impossible to execute
the work suggested by the
undersigned within the
amount provided.

21/11/96
E. W.

Public Works Department.

Current No. 9974
Letter No. 1709
Dated 30 October 1896
From the Judicial Dept.

Let of the Chief Engineer P.W.D.

NOTE BY TECHNICAL SECTION.

The 3 ^{depth} feet of foundations
provided, is ^{cross-}provisionally
sufficient for ^{cross-}foundations
in the main building,
balls, not exceeding
8' 6" high seems necessary.

It is, however, considered that
a depth of 7' 6" would
suffice ^{as foundations} for the latrine.

The undersigned
agrees with the Inspector
of Police that the best
will be obtainable unless
a plank ceiling is
provided, and he is of
opinion that a plank
ceiling should be
introduced into the
rooms occupied as
offices. An ordinary

Name of work. Alterations to the late
Military Place of arms at Mangalore
to adapt it as a District Police
Office.

Amount of estimate Rs 3040.
— Budget grant Rs 7000.

The old Military Place of Arms
which was transferred to the
Police Dept. under G.O. No 1343.W.
dated 18 May 1893. is a single
room 150 ft long by 18 ft broad
internal dimensions. No particulars
as to nature of structure are given
except that it has a boarded floor
which is reported to be rotten, the
joists having being very bad. It is
inferred from the correspondence that
it is roofed with Mangalore tiles
with no ceiling underneath.

It is proposed to convert it
into a District Police Office by
introducing partition walls, and

dividing it into rooms as under:-

Superintendent's Office.	15' x 18'
Head Am. Inspector's Office.	15' x 18'
Black Room.	36' x 18'
Record Room	15' x 18'
Stores	18' x 18'
Store Office	20' x 18'
Arms Room	15' x 18'

3. The cross walls are to be as under
 foundations. ... 3 ft. deep.
 (Soil and subsoil gravelly)
 of concrete with lattice july in mortar.
 the Basement 1 ft. of lattice in mortar
 Superstructure. Lattice in mortar
 Plastering. 2 coats Ghunam both sides.
 The existing boarded floor to be
 entirely removed. The 4 Office rooms
 to be floored with 9" sq. bricks pointed
 with cement over 4" concrete.
 The Record Room, Store Room and
 Arms Room to be floored with 3/4"
 Asphalt over 4" concrete

Doors communicating with Stores
 Store Office Room and Arms Room
 to be Iron-barred. - Teak paneled
 doors are provided for the other rooms.
 Windows Teakwood batten. for Office
 Rooms. Windows in Record Rooms
 & Arms Room to be Iron barred.

U.S. 23/11/20

Flat and paneled roof
 would scarcely meet the
 case, for let me suppose
 the absence of planking
 felt but necessary
 increase of timber work
 that would be involved would
 considerably add to the cost.

CCM
 19-11-86

This seems unnecessarily deep for
 walls not exceeding 8' 6" in height.

The estimate may be
 sanctioned with a note
 that a revised estimate
 should be submitted
 without delay to the
 effect of its being found impossible
 to execute the work
 suggested by the Chief
 Engineer within the
 limit amount provided.

CCM
 19-11-86

Yes
 19/11/86

The Inspector-General of Police
 in his letter No 3965 dated 14th Oct.
 1896. (Embodied in G.O. No 1709
 Judicial dated 30th October 1896) submits
 that the "Superintendent (of Police)"
 "states that unless the roof be planked"
 "the heat will be intolerable" and
 G.O. 2213.W. dt. 9.9.94 approved of
 the proposal to re-roof, and place a
 planked ceiling in the Building. The
 J.G. states that "The Government has
 now ordered the roof to be merely
 repaired"

The only provision made in the
 Estimate with respect to the roof
 is the substitution of 16 new rafters
 to replace decayed ones.

It would probably be advisable
 to introduce planked ceilings, at
 least in the rooms occupied
 as offices.

The Chief Secretary in his order
 No 1709 Judicial dated 30th October
 1896. that ordinary flat plankings
 might be used if the building is
 found too hot without planking
 This would probably involve the
 insertion of extra roofing timbers
 and would be much more costly
 than a planked ceiling The rate

for roofing with flat and pan-tiles at Mangalore is Rs 24. per square while the rate for Planked ceiling is Rs 22 for $\frac{1}{2}$ " teak planks and Rs 18 for $\frac{3}{4}$ " junglwood planks.

Datrime

Provision is also made for constructing a new datrine. The Plan for which is based on the Standard Plan of datrine for Sub-Tails, sanctioned in G.O.

No 1709 W. dated 9th July 1894

The foundations provided. 2'3" x 2'0" of concrete in chunam appears sufficient, the surface soil being reported "gravelly"

The rates are fair as per data submitted.

The Plans and Estimates have been countersigned by the Asst Inspector General of Police and approved in the Judicial Department.

Final
16. 11. 96.

Arms Room to be iron barred.

+

Please estimate approximately the difference between a planked ceiling to a Mangalore tiled roof, and the other arrangements.

Oct 1895
17. 11. 96.

Do
+

In the event of adopting the proposal to put on a tiled roof, it would be necessary to re-roof the whole building including Verandahs. It would also be necessary to remove the old roof & re-space the rafters - introducing new rafters - It is assumed, for want of information that the rafters for the Mangalore tiled roof are 2'6" apart and it is proposed to space them 1'6" apart for flat & pan-tiles.

The central part of the building is 129'6" long and would have ^{one end side} 129'6" = 52 rafters. There would therefore be necessary $\frac{129'6"}{1\frac{1}{2}} = 88 - 52 = 36$ new rafters at each ^{end} slope of the roof.

For the hipped ends 12 new jack rafters of an average length of 10 ft. would be required.

The cost of putting on a flat and pan tiled roof would thus be as under..

Removal of old Roof.
 $2 \times 175 \times 25'6" = 8925$ 89 p.

Karmiaman woodwork.

New rafters: $72 \times 25'6" \times 3" \times 6" = 229.50$.

New bolar } $36 \times 17'6" \times 2" \times 3" = 42.00$.
pieces } $36 \times 10'6" \times 2" \times 3" = 15.00$

Jack Rafters: $12 \times 10'0" \times 3" \times 6" = 15.00$

Total est. = 286.50

Roofing with flat and pan tiles.
chunam ridges etc.

$2 \times 175 \times 25'6" = 8925$ 89 p.

Public Works (1896) Department.

CURRENT No. 9974

Order

From

The Judicial Department.

No. 1709

Dated 30 October 1896.

Received 31.11.96

Enclosures 7 (3 plans)

Spare copies

SUBJECT.

Appropriating with remarks for the
conversion of the late military
place of arms at Bangalore
into an office for the Deputy
Police.

J. For Secretary

Copy
11-11-96

ORD E R :- No 1709, dated 30th October 1896.

The revised plans and estimates including those for the repair of the floor and the construction of the latrine are approved and will be transferred to the Public Works Department. If Mangalore tiles without planking are considered to be likely to render the building hot, ordinary flat and pantiles may be used.

(True Extract)

W. R. R.

for Chief Secretary.

To

The Public Works Department (with plans and estimates)
--- Inspector-General of Police.