

- (1) Number of pages _____
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MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	2506	Press
-B.P.-No.		Mis.
197-198		
Dated	14-10-	1958.73

Not to be folded or roughly handled

17

*Proceedings of the Madras Government, Public Works Department,
14th October 1873.*

No. 197. 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, 26th September 1873, No. 1,208 :—

I HAVE the honour to forward, for the sanction of Government, for entry in the Budget for 1874-75, an estimate of Rupees 6,030, accompanied by a plan and specification, for constructing an office for the District Engineer of Bangalore.

1 Estimate.
1 Specification.
1 Site Plan.
1 Plan.

2. What is known as the District Engineer's Office is a very small inconvenient building, not in any way adapted for an office, and has not been used as such since 1864. Office rent, 40 Rupees a month, has been paid for a building of sufficient size since then.

3. It is now proposed to build a convenient office in the Engineer yard adjoining the present office, to repair some of the sheds and remove the rest. Accommodation will be provided for the District Engineer, Sub-Engineer or Supervisor, and two Overseers. There will also be space for stores and for the preparation of materials for works in progress in the station.

4. It will be observed that the centre room, which is 24 feet wide, is to have a couple roof. This is owing to there being in hand some excellent couples which will suit the span of the centre room, and trusses will not be required.

5. The estimate for the office amounts to Rupees 6,030, and the estimate for repairing the buildings in the Engineer yard to Rupees 700.

No. 198. ORDER THEREON, 14th October 1873, No. 2,506.

CIVIL WORKS, No. 15.

His Excellency the Governor in Council sanctions the estimate of Rupees 6,030 submitted with this letter for providing accommodation at Bangalore for the District Engineer, a Sub-Divisional Officer and two Overseers with their office establishments. In the event of an application which has been made to the Government of India for an additional assignment under Military proving successful funds for the commencement of the work will be allotted this year. Provision will in any case be made for it in 1874-75.

(True Extract.)

Colonel, R.E.,

Secretary to Government.

To the Inspecting Engineer for Buildings.

„ District Engineer, Bangalore.

„ Officiating Controller of Public Works Accounts.

Exd. S. T. Austin.

Spare Copies.

Submitted for Orders -
 Accommodation has to be
 provided at Benicual for
 1 Executive Engineer
 1 Sub Divisional Officer -
 2 Overseers (Europeans),
 and their Office Establish-
 ments; with considerable
 amount of Stores, Records,
 Tools &c -

The proposed outlay is
 Rs 6030, and the present
 of renting accommoda-
 tion, not so convenient
 as it is now proposed to
 give, is Rs 480 per annum.
 If sanctioned, half the
 amount might perhaps be
 forthcoming in 1873-74.

Wt Sanction. The
 (over)

W. M.
 30.5.73

Capitalized value of the
Annual amount of
year 1000000.

1/10

1/10

Specification to accompany
Plan and Estimate for construct-
ing Office for the District
Engineer, Bangalore.

Amount of Estimate Rupees 6030

Excavation

The excavation for foundation
to be taken down to such a depth
as the District Engineer may
consider necessary and the bottom
taken out perfectly level.

Foundation

The foundation to be laid
with stone in chunam. Stones laid
closely fitted with good bond and
well flushed up with chunam
(3 parts of sand to two of fresh and
well burnt lime) slaked on the work.
Every sixth stone at least to be a
through header.

Basement

The basement to be
similarly laid with outer joints
scraped out and pointed. The top
course of

course of the basement to be of flat stones of as great a length as possible.

The superstructure is to be of hammer-dressed stone in chunam laid in even courses not less than 9 deep and level beds closely fitted with good bond every sixth stone at least to be a through header and well flushed up with chunam consisting of two parts of fresh and well-burnt lime to 3 of sand. Opening to be provided in the walls in the position shown on the plan.

The arches to be neatly Arch work turned with well dressed stone in chunam. The joints all to radiate correctly according to the nature of the arches: stones to be well dressed to the required shape and the key stone to be well driven home; joints not to exceed $\frac{1}{4}$ thick: joints to be scraped out before plastered or painted.

The

Cornice work

The description of the cornice should be of the pattern supplied by the District Engineer. Cornice stone to have proper bearing not less than 6 inches and set with strong lime.

Steps

Stone slabs for steps to be of one stone of the required dimensions according to the nature and size of the steps having the outer sides and edges dressed square and upper surface smoothly dressed.

Plastering

The joints to be scraped out and the walls plastered inside with 2 coats of chunam. 1st coat to consist of 1 part of lime to $\frac{1}{2}$ of river sand well ground together and the 2nd coat to be of 3 parts of lime to 1 of white sand well smoothed off.

Whitewashing

The rooms to be whitewashed inside with two coats of chunam to be approved of by the District Engineer.

The

The following proportion
to be used in mixing the white
wash.

For whitewashing 10 sq. ft. two coats.

1 Parah of Stone chunam

$\frac{1}{2}$ Pollum of gum.

$\frac{3}{4}$ measure of raw rice.

The joints of outwalls Pointing
to be scraped out and pointed with
strong lime putty.

The basement to be — Flooring
filled in with earth well watered.
and rammed till thoroughly con-
solidated. over this a flooring of
3 concrete well watered and smoothed
on which stone slabs to be laid
having a smooth surface not less
than 4 thick with the edges —
dressed square. The joints scraped
out and pointed with strong lime
putty.

The rafters will be Woodwork
supplied by the Department from
an

Roofing

an old building in old Engineers
Yard. Wood for joists will also be
obtained from the same building.

The roof of the middle
room to be bent supported on
couples. The rafters for couples to
be $(4 \times 5\frac{3}{4})$ and collar piece (3×4) . The
couples to be 18 apart from centre
to centre nailed on the wall plates
 (4×2) placed over the walls as shown
on the plan. The couples to be
covered with rafters $(2\frac{1}{2} \times 3\frac{3}{4})$ and flat
and pan tiles and chunam —
borders &c. The roof of the end
rooms and verandah to be terraced
with brick on edge jelly 3 thick 3
courses of flat tiles and 3 coats of
plastering well rubbed. The
joists are to be laid 18 apart
from centre to centre.

Shouts

The Shouts to be 4 long
3 inches diameter and $\frac{1}{16}$ in thick.
— neps to be provided and fixed
to

to the parapet walls in the manner directed by the District Engineer. And the spouts to be painted with two coats of Carsons anti corrosive paint chocolate color.

Four pairs of doors half pannelled and half glazed with glazed top; 2 of which to be 4×8 and the other two $(3\frac{1}{2} \times 4)$ frames $(3\frac{1}{2} \times 4\frac{1}{2})$ strong hinges, hooks & locks ~~via~~ to be provided and fixed to the middle and end rooms. And two doors half pannelled and venetianed $(3\frac{1}{2} \times 4)$ frames $(4\frac{1}{2} \times 3\frac{1}{2})$ half venetianed plank $\frac{1}{2}$ thick venetian bar $(1 \times 1\frac{1}{4})$ with strong hinges, bolts, locks ~~via~~ to be provided and fixed to the store rooms. and four pannelled doors $(3\frac{1}{2} \times 7)$ 2 of which with glazed circular top and the other two without top. frames $(3\frac{1}{2} \times 4\frac{1}{2})$ planks $1\frac{1}{4}$ thick with strong hinges, hooks, locks ~~via~~ are to be provided and fixed to the inside of building.

ind.ow

Twelve windows with venetianed shutters outside, and glazed shutters inside, with glazed semi circular top six of which to be $(3\frac{3}{4} \times 5\frac{1}{2})$ and the other six to be $(3\frac{1}{2} \times 5)$ are to be provided and fixed to the middle and end rooms and six venetianed windows $(3\frac{1}{2} \times 5)$ with glazed top; frames (4×3) venetianed planks $\frac{1}{2}$ thick venetian bar $(1\frac{1}{4} \times 1)$ with strong 4" brass plate hinges strong hooks and eyes $\frac{3}{4}$ " brass rings, buttons, brackets and other fittings ~~via~~ complete are to be provided and fixed to the small rooms.

Ventilator

Six glazed Ventilator swing windows $(3\frac{1}{2} \times 2)$ frames $(3 \times 2\frac{1}{2})$ and other fittings ~~via~~ complete are to be provided and fixed to the middle room in the position shewn on the plan.

The

Woodruff

Painting

Lawrence

Colonel R. E. }
gives for }

Bangalore.

Enclosure in a Letter
No 1208 dated 26 Sept/73.

PO No 2506 - 14th Oct/73
P.W. 5312/73
2

Specification Report to
accompany the Plan and
Estimate for constructing
an Office for the District
Engineer of Bangalore.

Estimate No 6030.

OFFICE OF THE INSPECTING ENGINEER
FOR CIVIL AND MILITARY BUILDINGS,
Chopauk, 26 September 1873.

No. 1208

From

THE INSPECTING ENGINEER

To

FOR CIVIL AND MILITARY BUILDINGS.

The Secretary to Government
Public Works Department

SIR,

Enclosures 4

1 Estimate
1 Specification
1 Site Plan
1 Plan.

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3. It is now proposed to build a
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adjoining the present Office, to repair
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Accommodation

Accommodation will be provided for the District Engineer, Sub-Engineers or Supervisor, and two Overseers. There will also be space for stores and for the preparation of materials for works in progress in the station.

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5. The estimate for the Office amounts to Rupees 6030 and the estimate for repairing the buildings in the Engineer's yard to Rupees 700.

I have the honor to be

Sir

Yours Most Obedient Servant

E A Mird Colonal R.E.

Inspecting Engineer for
Civil & Military Buildings

28.10.1913

C.M.W.

P. W. 1843 Depart

No. 5312
1208

From

The Inspecting Engineer
for Buildings,

To

The Secretary to
Government W.P.

Encl. 1

Dated 26 } September 1873.
Recd. 27 }

Forwarded for
sanction for entry
in the Budget
for 1874-75 an esti-
mate for construct-
ing an office for
the District Engineer
Bangalore.

11-197-98

12.6.1873
27.8.1873

Civil
Works No 2506

His Excellency the Governor in
Council sanctions the Estimate of
Rs 6030 submitted with this letter
for providing accommodation at
Bangalore for the District Engineer,
a Sub divisional Officer and two
Overseers with their Office Estab-
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application which has been made
to the Govt. of India for an addition-
al regiment under military provi-
sion successful funds for the commence-
ment of the work will be allotted
this year. Provision will in
any case be made for it in 1874-5.
S.C. 2nd 18/10/73 G.M.W.

P. W. 1873 Depart

Ch. 5312
Gobt. of 1873 Madras.

PUBLIC WORKS.

The Inspecting Commr
for Buildings

Dated

Recd.

Encl. 4

G. O. 114 act 1873, 2506.

Nos. 197 & 198

Office Accommodation

Est of Rs: 6030 for pro-
viding accommodation
at Bangalore for the
W. B. Ingr., a Sub-divisional
Officer & two overseers
with their Office Estab-
lishments, Sanctioned &
and is promised to be provided for