

(1) Number of pages 20 (10 sheets)
12 (2) Date of repair July 1987
(3) Initials of the Referencer long

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

J.W.D. DEPARTMENT

G.O. No.	<u>296 W.</u>	Press.
B.P. No.		Mis.
Dated	<u>5. 2. 1884.</u>	<u>197.</u>

Don
Not to be folded or roughly handled

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GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers:—

From Colonel H. L. PRENDERGAST, R.E., Superintending Engineer, V Circle,
to the Chief Engineer, Public Works Department, dated Chepāk, 28th January
1884, No. 3755.

With reference to your memorandum, No. 1776 C., dated 21st September 1883,
I have the honor to submit a plan and
estimate of Rs. 16,200 for constructing
a new telegraph office with out-houses at
Bangalore.

- 1 Detailed estimate.
- 1 Abstract "
- 1 General abstract estimate.
- 1 Report and specification.
- 1 Plan of building.
- 1 Site plan.

2. The estimate provides for Mysore
teak but the Executive Engineer says that
Australian jarrah-wood is procurable at
Madras just now, and that a saving of Rs. 1,160 will be effected if he is authorized to
order the jarrah-wood at once.

3. The Chief Superintendent of Telegraphs has told the Executive Engineer that
if Rs. 1,050 can be spent in this official year, he will ask the Government to allot that
sum from the grant for minor works.

I recommend that the Executive Engineer be allowed to order the jarrah-wood
at once, and to reckon upon the allotment of Rs. 1,050 being placed at his disposal for
expenditure by the end of March.

Note by the Chief Engineer, Public Works Department.

The plan and estimate, for constructing a new telegraph office at Bangalore, are
submitted for the sanction of Government.

2. It is recommended that authority be granted for the substitution of *jarrah*
for *teak* wood. The amount requiring sanction will then be Rs. 15,040, instead of
Rs. 16,200.

3. The special attention of the Executive Engineer should be given to the
constructive details of the long "valleys" in the roof, which will receive a large
quantity of drainage, and may thus give future trouble.

4. It is considered that coursed rubble might be used with advantage and
economy in other parts of the building, besides the front wall.

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Chief Engineer, P.W.D.

4th February 1884.

ORDER—dated 5th February 1884, No. 296 W., Public Works.

The proposal in paragraph 2 of the Chief Engineer's note above recorded is
approved, and the estimate, which will thus amount to Rs. 15,040, is sanctioned.

Australian jarrah wood is proa
available

2. The attention of the Superintending Engineer is called to the remarks in paragraphs 3 and 4 of the Chief Engineer's note.

3. Provision to the extent of Rs. 14,500 has been made for the work in the budget for 1884-85, but the Director-General of Telegraphs proposes to place Rs. 1,050 at the disposal of the Superintending Engineer out of the balance of the minor works grant for expenditure during the current official year.

4. This sanction has been registered as Imperial Other Services No. 64 W. of 1883-84, and classified as Civil Buildings, Original Works.

(True Extract.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To the Superintending Engineer, V Circle, with five enclosures.
" Examiner, Public Works Accounts, with duplicate abstract estimate.
" Chief Superintendent of Telegraphs, Madras Division.
" Director-General of Telegraphs.

Exd. E. Fernandez.
Spare Copies

296
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Australian jarrah wood is proo
e available

BUILDINGS AND ROADS.
CIVIL WORKS.

Gobt. of (1884) Madras.

PUBLIC WORKS.

Dated February, 5th.

Recd.

Encl.

G.O., 5th Feb. 1884, No. 296 W.

FEBRUARY.

Telegraph Office at Bangalore

The estimate, for constructing a new —, reduced to Rs. 15,040, and sanctioned with remarks.

No. 3755

SUPERINTENDING ENGINEER'S OFFICE,

5TH CIRCLE, MADRAS,

Chepauk, 28 January 1884.

From

THE SUPERINTENDING ENGINEER,

5TH CIRCLE,

To

THE

Chief Engineer
P.W.D.

SIR,

Enclosures.

- 1. Draft Estimate.
- 1. Abstract.
- 1. Genl. Memo. & Memorandum No. 1776C dated 21st
- 1. Report & Specifications
- 1. Plan of Building
- 1. Site plan.

With reference to your letter of September 1883, I have the honor to submit a Plan and Estimate of Rs. 16,200, for constructing a New Telegraph Office with out-houses at Bangalore.

2. The Estimate provided for Mysore teak but the Executive Engineer says that Australian jarrah wood is pro-

3. The Chief Superintendent of Telegraphs has told the Executive Engineer, that if Rs 1050 can be spent in this official year, he will ask the Government to allot that sum from the grant for Minor works.

expenditure by the end of
March

Chas Sanders Esq
Fall R. E.
Sup G Engrs
Hercules

10200745 - 20-7-83
315825 - 10-11-83
17562 - 21-9-83

From

THE SUPERINTENDING ENGINEER,

5TH CIRCLE,

To

THE Chief Engineer
P. W. D.

Dated

28th

Recd.

January 1884.

ENCLOSURES, 6

No. 3755

New Telegraph Office
at Bangalore—

Submitting plan and
estimate of Rs 16,200 for
constructing a—

MS. 772

7.

DW

For orders.

Please see also, the
linked letter from the
Super of telegraphs, in
which early orders on the
plan estimate are
issued for.

Cu
22/24

Public Works Department, 1883-84.

2967.

296/5

Current No.

772

Letter No.

3755

Dated the

28th Jan/84

From the

S. E. V. Circle

NOTE OF REMARKS.

1. The accompanying plan and estimate for constructing a New Telegraph Office at Bangalore have been submitted with reference to No. Memo. No. 17766 of the 21st Sept/83. The estimated cost including out houses, is Rs. 16,200.
2. The foundation is to be of stone in mortar and 1 1/2 feet deep - the soil is rocky. The basement and front walls are to be of rough dressed stone in mortar - the remaining walls to be of brick in mortar. Walls to be pointed on the outside and plastered on the inside. The arrangement of rooms appears to be satisfactory.

C. No. 442.

Note by Budget Section.

296
5

Work

Remarks and References.

Constructing a New
Telegraph Office at Ban-
galore.

Fund Imperial

Service Head Civil Buildings

Departmental Head Original Works

Amount of Estimate Rs. 16,200

Expenditure in previous year "

Allotment in current year "

Balance required to complete 16,200

Total Rs...

Note of available funds.

In the Imperial, other Service budget of 1884-85, Rs 14,500 is provided for the construction of a Telegraph Office at Bangalore.

The whole of the minor works grant provided in the budget for 1883-84, under telegraph, was placed in G.O. No. 2007 w of the 20th July 1883, at the disposal of the Director General of Telegraphs, and from this grant it is proposed to credit Rs 1050 for this work during the current year.

Budget Clerk.

11/11/83
2/216,200
14,500
1700

introduced - so as to run under center cross line of rafters which would be of great length.

May not a saving be effected by changing the servants houses into a double row - a common center wall with 4 houses on either side, with a pent roof.

This would, of course, necessitate a change of position of the building.

4. The S.E. has recommended the substitution of *Acacia* - *liu farrals* for *Myrsine* *teak* which has been provided for in the estimate, as a saving of Rs. 1100 would be effected by using the *farrals*. The scantlings of timbers are correct.

5. The plans and estimate have been countersigned by the Director Genl. of Telegraphs in India

15 Feb 84

RBN

3. Subject to approval, a simpler style of roofing would be preferable to that now adopted. There is too great a complication of ridges and valleys by the proposed arrangement. A valley to the right of the signal room, extends to a length of nearly 40 feet, receiving in its course the drainage of the inclining planes forming it, and at one end, some of the drainage from the roof of the signal room. To the left, also, of this room another valley extends for 20 feet under similar conditions. May not the walls under the valleys alluded to, be raised and the double pent be transformed into a single pent on either side of the signal room? - If the single pent roof be adopted, purlins should be

W.

gab

Sanction is required to the Estimate of Rs 16,200 for a new Telegraph Office at Mangalore.

I agree with the remarks made in the Technical Branch as to the long valleys receiving a quantity of roof drainage and which are sure to leak & give trouble. However E.R. & D.L. must, it is presumed, have considered all these points.

I confess I don't understand why the curved rubble used for the front wall should not be used throughout, more especially as it costs less than the brickwork of the inner, even ^{side} rear walls.

Jarrah wood in lieu of the Teak of the Estimate is suggested, whereby a saving of Rs. 1160 will be effected. This modification may I presume be carried out & sanction will then be required to Rs 16,200 - 1160 only.

Cel.

2-2-84

However in above. But I think the estimate may be sanctioned with authority to substitute Jarrah for Teak & consequent reduction in sum sanctioned.

A brief note might be drawn

usage, and may thus

up. pointing to necessity for special attention in the constructive details of the 'valleys' in the roof.

Also to the suggestion that coarse rubble might be used with advantage & economy in other parts of the building, besides the front wall.

LL
2-2-84

Public Works Department.

Note by the Chief Engineer P. W. D.

From the Supg. Engr. V. Arde No. 3755 of 28th January/84

The plan and estimate for constructing a new Telegraph office at Bangalore are submitted for the sanction of Govt.

2. It is recommended that authority be granted for the substitution of Jarrah for Teak wood.

The amount requiring sanction will then be Rs 15,040, instead of Rs 16,200.

3. The special attention of the Executive Engineer should be given to the constructive details of the long "Valleys" in the roof, which will receive a large quantity of drainage, and may the

thus give future trouble.

4. It is considered
that coarse rubble
might be used with
advantage and economy
in other parts of the
building, besides the
front wall.

CW.

4-2-84

CW

Building & Roads

Local Works

PUBLIC WORKS DEPARTMENT.

No. 296W

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 5th Feb'y/84

READ the following

Letter from the Suptg.

Engr. V Circle — A.E. No. 3755 of 28 Jan'y/84

Note by the Chief Engr.

11th Sept "

af

The proposal in
para 2 of the Chief
Engineer's note above
recorded is approved,
and the estimate which
will thus amount to
Rs 15,040, is sanctioned.

2. The attention of
the Suptg. Engr. is
called to the remarks
in paras 3 & 4 of the
Chief Engineer's note.

3. Provision to the

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extent of Rs 14,500 has
 been made for the work
 in the Budget for 2c.
 1884-85, but the Direc- 536 c. 5-3-84.
 -tor General of Telegraphs
 proposes to place Rs
 1050 at the disposal
 of the Suptg. Engineer
 out of the balance of
 the minor works grant
 for expenditure during
 the current official
 year.

4. This sanction has
 been registered as Imperial
 Other Services No 64 W
 of 1883-84, and classi-
 -fied as Civil Build-
 -ings, Original Works.

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 Murray
 5/2

Cd
 4-2-84
 Cu

- To
- 7 The Suptg. Engr. Dirich
 with 5 encls.
- 11 " Exr. P.W. accounts
 with Suptg. abet rate
- 4 " Chief Supt. of Telghs.
 Madras Div
- 11 " Sr. Genl. of Telegraphs

772.

Govt. of (1883) Madras.

PUBLIC WORKS.

Dated

Presd
6/2/84
(9)

Rece.

Encl.

5th July 1884 No. 2964.

Telegraph Office
at Bangalore.

The estimate for
Contract: a new —
estimated to Rs 15040,
+ sanctioned with
an all s.

53
560
5

29/7/84
5
1/2

Subd. Insp. Insp.