

Public Works (1897) Department.

G.O., No. 1862/5

DATED 12 July 1897

13/7/97

Supplemental [Despatch Abstract.]

Road: Estimate of Rs. 7040 for constructing a — from Tuvur to Karivarakundu in the Malabar Dt. Sanctioned with remarks.

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FURTHER PAPERS.

BUILDINGS AND ROADS.
CIVIL WORKS.

Government {1897} of Madras.
PUBLIC WORKS.

Recd.

Regd.

{ 1897.

Enclosures

Spare copies

G.O., No. 1862 W., 12th July 1897.

JULY.

Road

Supplemental estimate of Rs. 7,040 for constructing a — from Tuvur to Karivara-
kundu in the Malabar district, sanctioned with remark.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Buildings and Roads,
Civil Works.

READ—the following papers:—

From J. HANNAN, Esq., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated 14th June 1897, No. 314 W.

I have the honour to submit herewith the plans and estimate amounting to Rs. 7,040 for forming a road from Tuvur to Karivarakundu in Ernad taluk, Malabar district, and to request you will be good enough to obtain sanction of Government for the same.

Note by the Chief Engineer, Public Works Department.

The estimate is apparently approximate only, since it is assumed that one-third of the excavation is earth, one-third laterite and one-third gravel. Careful classification of these soils will be necessary during measurement.

2. No provision has been made for masonry works which will, it is thought, be necessary, especially where the line crosses paddy flats which will presumably have to be drained.

3. It has not been made clear why no compensation for land to be taken up has been provided.

4. The work may be commenced, care being taken to avoid cultivation where land may not have been handed over by the Revenue Department.

5. A revised estimate should, if necessary, be submitted without delay.

(Signed) D. McNEIL CAMPBELL, Colonel, R.E.,
Chief Engineer.
6th July 1897.

ORDER—No. 1862 W., dated 12th July 1897.

The estimate amounting to Rs. 7,040, for constructing a road from Tuvur to Karivarakundu in the Malabar district, is sanctioned as supplemental to the estimate of Rs. 5,150 sanctioned in G.O., No. 879 W., dated 29th March 1897.

2. There is a provision of Rs. 50,000 in the current year's budget for roads in the Mapilla tracts.

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

4. This sanction has been registered as Provincial No. 29 W. of 1897-98 and classified as "Communications—Original Works."

(True Extract.)

Under Secretary to Government.

To the Superintending Engineer, IV Circle, with 7 enclosures.

" Examiner, Public Works Accounts.
" Judicial Department,
" Revenue
" Local and Municipal Department, } with copy of G.O., No. 879 W.,
dated 29th March 1897.

Exd. A. F. Eccleston.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following.

From the Suptg Engr IV circle No 314 W d/ 14th June 1897
Note by the Chief Engineer d/ 6th July 1897
No 1862 W d/ 12.7.97.

The estimate amounting

to Rs 7040, for constructing a road
from Tuvur to Karivarakundu in
the Malabar District is sanctioned
as supplemental to the estimate of
Rs 5,150 Sanctioned in G.O. No 879 W
dated 29th March 1897.

2 There is a provision of
Rs 50,000 in the current year's budget
for roads in the Mapilla tracts.

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

4 This sanction has been
registered as Provincial No 29 W of
1897-98 and classified as "Communi-
cations, Original Works".

T A
B. P. W.

Yo
J. E. IV circle with
7 enclos
- Exar. P. W. Accts
- Judicial Dept
- Revenue Dept } with copy
- L & M Dept } of G.O. No 879 W d/ 29-3-97
H.E. 6.7.97 R 8297

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Note by the Chief Engineer P.W.D

The estimate is apparently approximate only, since it is assumed that one third of the excavation is earth, one third laterite and one third gravel. Careful classification of these soils will be necessary during measurement.

2 No provision has been made for masonry works which will, it is thought, be necessary, especially, where the line crosses paddy flats which will presumably have to be drained.

3 It has not been made clear why no compensation for land to be taken up has been provided.

4 The work may be commenced, care being taken to avoid cultivation where land may not have been handed over by the Revenue Department.

5 A revised estimate should, if necessary, be submitted without delay.

6/5/89
L. W.
C. W.
5-7-97

Public Works Department.

Current No. 5928

Letter No. 314/W

Dated 14th June 1897

From the Super Engineer IV Circle.

1862W

NOTE BY TECHNICAL SECTION.

Name of work Road from Tuvur to Kari-
varakundu. Malabar District.

Amount of estimate Rs 7040.

By the Chief Engineer P.W.D.

The estimate is apparently
approximate only, since it is
assumed that one third
of the excavation is earth, one
third laterite and one third
gravel - Careful classification
of these soils will be necessary
during measurement.

2. No provision has been made
for masonry works which will, it
is thought, be necessary, especially
where the line crosses paddy
flats which will presumably
have to be drained.

3. It has not been made
clear why no compensation for
land so taken up has not
been provided.

4. The work may be

The estimate under review, amounting to Rs 7040, for constructing a road from Tuvur to Kari-varakundu in the Samed Taluk, Malabar District, forms a portion of the project ordered in G.O. No. 2844 W dated 2nd October 1896.

The proposed road commences near the existing road from Melatur to Kalikam and passes for certain lengths along the slope of hills & through paddy flats in order to join the road from Melatur to Kari-varakundu, about 3/4 mile from the latter place.

The length of this road will be 19,300 feet or 3 miles, 5 furlongs and 160 feet. It will be constructed with a top width of 15 feet & with side slopes 1 to 1 together with side drains one foot deep & one foot wide at

at bottom with slopes 1 to 1. In cuttings the slopes will vary from 1 to 1 in light soil & 1/2 to 1 in gravel & laterite soil. The gradient will not exceed 1 in 20 in cuttings. The estimate comprises of the following items:-

Santhamala	Rs 1493
Gravel	" 2133
Laterite	" 2730
Clearing jungle	" 192
Cutting 50 large trees	" 100
Rock cutting	" 60
Contingencies	" 332
Total Rs	7040

In the report accompanying the estimate it is stated that the E.C. has been over the alignment and considers it the best that can be got. It will be observed from the survey plan that the road crosses paddy flats at 3 places, but at points A & B marked in blue. It avoids crossing the flats & passes round it, the necessity for lengthening the road by not crossing these flats should be explained.

No provision has been made for masonry works. These appear very essential particularly where the road passes paddy flats so as to cultivate the portions thus cut off. Also compensation for land poss.

commenced, care being taken to avoid cultivation where land may not have been handed over by the Revenue Department. A revised estimate should if necessary, be submitted without delay.

CG 821
3-7-97

proposed to be taken up in paddy flats.

The rates are fair.

A cautioning note in which attention should be directed to the fact that the road should be prepared by C.E. & Co. 2-7-97

It is obvious best to avoid crossing paddy flats if possible. The road has evidently been taken round them, where it can be so taken without unduly lengthening the line, it is asked that cultivated land may not be recovered.

CG 821
3/7/97

Public Works (189) Department.

CURRENT No. 5928

Order

From The Supp. Engineer,
4th Circle

No. 3/4
W

Dated 14th June 1897

Received 18.6.97

Enclosures (5) Five (3 plans)

Spare copies ✓

SUBJECT.

Road from Turour to Karivarakundu in Ernad Taluk, Malabar District.

Submits to obtain the sanction of Govt. plans & estimate amounting to Rs 7040 for forming a

I am
for permission
CG 821
3/7/97

o L. S. 264
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FURTHER PAPERS.

Supg Engrs Office
Fourth Circle
14th June 1897.

No. $\frac{314}{w}$

From, J. Hannan. Esq.,
Suptg Engineer.
4th Circle.

To, The Chief Engineer
P. W. D.

Sir

Comelo: 5

1 Estimate

Report

2. Level sheets

1 Survey trac

I have the honor to submit
 herewith the plans and estimate amounting
 to Rs 7040 for forming a road from Tuvur
 to Kariwarakundu in Ernad Talug Malabar
 District and to request you will be good
 enough to obtain sanction of Government
 for the same.

I have the honor to be
 Sir
 Your most Obedient Servt.

Wm
Supt Engineer & the vehicle

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