

- (1) பக்கங்களின் எண்ணிக்கை 14
 (2) புதுக்கித் திருப்பிய நாள் 11/10
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் lno

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

PWD துறை

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அரசாணை எண். மு. கோப்புத் தாள் எண்.	879	அச்சகம் பலவகை
நாள் : 17-3-1892		198

மடிக்கலோ கண்டபடி கையாளலோ கூடாது

7 Shaks

17TH MARCH 1892, No. 879 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper :—

From G. D. WYBROW, Esq., Superintending Engineer, I Circle, to the Chief Engineer, Public Works Department, dated Dowlaishweram, 19th February 1892, No. 2022 G.D.

I have the honour to submit, herewith, a revised estimate, amounting to Rs. 9,100, together with a comparative statement, for "widening and gravelling the Godáviri left embankment in the first 4 miles below the anicut for a road," and to request that you will be good enough to obtain the sanction of Government to the same.

2. The original estimate was sanctioned in G.O., No. 3308 W. of 13th December 1890.

3. The necessity for the revision is fully explained in this office No. 1599 G.D. of 10th December 1891 to the President, District Board, Godáviri, extract of which is, herewith, enclosed for your information.

ENCLOSURE.

From G. D. WYBROW, Esq., Superintending Engineer, I Circle, to the President, District Board, Godáviri, dated Dowlaishweram, 10th December 1891, No. 1599 G.D.

3. The reasons for the revision of the estimate are given in the remark column of the comparative statement. The first two miles have been completed, but it has been found that, by oversight, the original estimate allowed for gravelling the same width as the top of the bank, leaving no berms. To widen the bank by 3 feet more for 4 miles the cost would be considerable, I, therefore, propose to leave the first 2 miles as they are, viz., the gravelling the same width (12 feet) as the top of the bank. In the remaining 2 miles, which have not yet been gravelled, I have allowed the gravelling to be 9 feet broad, so that the bank, which is 12 feet wide at top, will have a berm of $1\frac{1}{2}$ feet on both sides of the gravelled roadway. Gravelling for 9 feet breadth is, I consider, quite sufficient for the local traffic along the bank.

ORDER—dated 17th March 1892, No. 879 W., Public Works.

The revised estimate, amounting to Rs. 9,100, for widening and gravelling the river embankment from Dowlaishweram head sluice to mile 4 on the left bank of the Gowtami-Godáviri, is sanctioned in supersession of the estimate of Rs. 8,480 sanctioned in G.O., No. 3308 W., dated 13th December 1890.

2. This sanction has been registered as Local No. 37 W. of 1891-92.

(True Extract.)

(Signed) J. PENNYQUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, I Circle, with four enclosures.
Examiner, Public Works Accounts.

" Local and Municipal Department.

Exd. A. D. Xavier.

Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1892} Madras.
PUBLIC WORKS.

Dated March, 17th.

Recd.

Encl.

G.O., 17th Mar. 1892, No. 879 W.

MARCH.

River Embankment

Revised estimate of Rs. 9,100 for widening and gravelling the — from Dowlaishweram head sluice to mile 4 on the left bank of the Gowtami-Godavari, sanctioned.

No. 2022 G.D.

FROM,

G. D. Lilybrown Esquire *G.D.*
SUPERINTENDING ENGINEER

FIRST CIRCLE.

TO,

THE CHIEF ENGINEER

PUBLIC WORKS DEPARTMENT.

DOWLAISHWERAM, 19th February 1892.

Enclosed

1 Revised Estimate
1 Comparative Statement
1 Dalki

1 Extract from letter *SIR,*
No 1599 G.D. of 10th Dec 91

4

I have the honor to submit herewith a revised estimate amounting to Rs 9100 together with a Comparative Statement for "widening and gravelling the Godavari Left Embankment in the first 4 miles below the anicut for a road" and to request — that you will be good enough to obtain the sanction of Government to the same

2. The original estimate was — sanctioned in G.O. No 3308 W of 13th December 1890

3. The necessity for the revision is fully explained in this Office No 1599 G.D. of 10th December 1891 to the

the President District Board Godavari extract
of which is herewith enclosed for your information.

I have the honor to be

Sir

Your most obedient servant

A. G. Romiller

25-2-52-

Asst. Engr.

For Supg. Engineer

I Circle

CH

CH

87/3

P. W. CURRENT No. 2307

FROM,

G. D. Wybrow Esq.
SUPERINTENDING ENGINEER

FIRST CIRCLE.

TO,

THE CHIEF ENGINEER

PUBLIC WORKS DEPARTMENT.

DATED 19th February 1891
DESPATCHED 27
RECEIVED 3-3-92

No. 2022 G.D.

ENCLOSURES 4

SUBJECT.

Godavari Left Bank.
-meub. Widening & gravelling
the — in the first 4 miles below
the Anicut for a road. Submits
a revised estimate of Rs 9100
for — and requests to obtain
sanction of Govt to the same

No. 33085 of 13-12-90

No. 1599 G.D.

FROM

G. D. Wybrow Esq.
SUPERINTENDING ENGINEER

FIRST CIRCLE.

TO

THE President

District Board Godavari

DOWLAISHWARAM, 10th December 1891.

SIR,

3. The reasons for the revision of the estimate are given in the remark column of the comparative statement. The first two miles have been completed, but it has been found that by oversight, the original estimate allowed for gravelling the same width as the top of the bank, leaving no berms. To widen the bank by 3' more for 4 miles the cost would be considerable, I therefore propose to leave the first 2 miles as they are viz. the gravelling the same width (12 feet) as the top of the bank. In the remaining 2 miles which have not yet been

gravelled, I have allowed the gravelling to be 9' broad so that the bank which is 12' wide at top will have a berm of $1\frac{1}{2}$ feet on both sides of the gravelled roadway. Gravelling for 9' breadth is I consider quite sufficient for the local traffic along the bank.

I leave &c &c

(Sd) L. D. Wybrow

Supg. Engineer

I Circle.

(True Extract)

A. G. Romiley Asst. Engr.
25-2-92
For Supg. Engineer
I Circle.

all

P. 2307/92

Public Works Department.

Current No. 2307

Letter No. 2022 G.D. 87/5

Dated 19. February, 1892

From the Supg. Engineer, I Circle.

Sanction

TECHNICAL NOTE. 7-3-92

The Supg. Engineer, I Circle, submits for the sanction of Govt. a revised estimate amounting to Rs 9,100 for widening and graveling the river flood embankment from Dondraichuram Head sluice to 4 miles down the left bank of the Goutami - Godavari for adopting it as a road.

The original estimate for the work amounting to Rs 8,480 was sanctioned in G.O. W. 3308 W dated 13th December, 1890, the excess of Rs 620 or nearly 7.31% over the original estimate is chiefly due to the widening of the embankment from a top surface of $12\frac{1}{2}$ feet to 15 feet, for the completed portion of $2\frac{1}{8}$ miles from the head sluice, so as to provide a berm of $1\frac{1}{2}$ feet on either

either side of the gravelling to prevent it from slipping down also to increased rate for gravel from Rs 3-8-0 per 100 Cps to Rs 4-0-10 owing to higher rates being paid for cart hire.

The revised estimate provides for reducing the width of gravel from 12 feet to 9 feet for the remaining unfinished portion, viz. from 2½ miles to the 4th mile, keeping the top surface of the road as 12 ft. with a berm of 1½ feet on either side of the gravel of 9 feet in width, also for cutting trenches in slopes of bank to receive the new earth.

The excess is made up as follows:-

Embankment	Rs 486
Gravelling	146
Cutting trenches in slopes	15
Total	647
Deduct saving on supervision	27
Total Excess	Rs 620

Water is furnished for the high rate for gravelling and the comparative statement accompanying the estimate explains fully the necessity for the revision.

The estimate has been countersigned by the President Dist Board,

S. M. G.

No. 879 W of 17 March 1892

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

From the S.E.I Circle No. 2022 G.O. of 19 Feb. 1892

The revised estimate, amounting to Rs. 9,100, for widening and gravelling from the river embankment from Powlaiswarum head sluice to mile 4 on the left bank of the Gowtami Godavari, is sanctioned in Super.

Session of the estimate of Rs. 8,480 sanctioned in G.O. No. 3308 W of 13 Dec. 1890

2. This sanction has been registered as Local No. 37 W of 1891-92.

To the S.E.I Circle with 4 enclos.
 " Exar. P. W. Accts.
 " Local and Municipal Deptt.
 " Chief Secy for P.W.

9.3.92

S. 92

829/7

C.S. 9/3. A. R. 14-3-92.

C No 1307

Govt. of Madras.
PUBLIC WORKS.

Dated

Read

18/3/92
G.O. 17th March 1892 No. 879. M

River Embankment

Revised Estimate of
Rs 9100 for widening and
grafting the ~~the~~
from Dowlaishwarum
head sluice to mile 4
on the left-bank of the
Gowtami Godavari,
Sanctioned-

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7. C. 17/3