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(2) Date of repair 9-6-87
(3) Initials of the Referencer lms

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

p.w.D.

DEPARTMENT

G.O. No. B.P. No:	<u>1005-W</u>	Press. Mis.
Dated	<u>2. 4 - 1883</u>	<u>198</u>

k.m.k.

Not to be folded or roughly handled

1005

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper :—

Note by Superintending Engineer on the Revised Estimate for completing the road from foot of Gudalur Ghât up to the 33rd milestone from Periyakulam, dated Trichinopoly, 19th March 1883, No. 715 M.D.

In G.O., No. 153 W., dated 18th January 1882, Rs. 72,148 was sanctioned for this work, and the work was put in hand, being carried out by the Local Fund Board, the funds being given from Provincial Funds.

- 1 Abstract Estimate.
- 1 Do. General Estimate.
- 1 Comparative Statement.
- 1 Abstract Estimate for Examiner.
- 1 General Comparative Statement.
- 1 Do. Abstract Estimate.
- 1 Detailed Abstract Estimate of Road Culverts, &c., with Comparative Statement.
- 3 Detailed and Abstract Estimates of three Bridges with Comparative Statements.
- 1 Specification.

Mr. Hardy, the Local Fund Engineer in charge of the work, submitted to the Superintending Engineer a revised estimate for Rs. 76,648 for this work; this was returned to him with a request that, as the Public Works Department had nothing to do with the work, it might be sent through the proper channel, viz.,

the President of the Local Fund Board; this was done, and the estimate was forwarded by him to the Board of Revenue, who, in their Proceedings, No. 1083, dated 8th February 1883, directed it to be sent to the Superintending Engineer to be reported on as ordered in G.O., dated 6th December 1882, No. 3211 W. Under that order, therefore, the enclosed estimates are forwarded to the Chief Engineer with the following remarks.

The original estimate was prepared by this department and has been sanctioned; it is not therefore necessary to examine the proposed plans of the works which may be accepted. All that is required is to remark on the materials and work that it is proposed to use in place of that originally sanctioned, and the rates for the same.

Generally it is considered that the increased rates may be accepted; the undersigned knows that owing to the difficulty in obtaining labor, &c., high rates have to be paid.

With regard to the description of work to be used,

The original estimate allowed for coursed rubble. Mr. Hardy has allowed for common rubble throughout, but proposes to face the piers, abutments, and wings of the bridges with cut-stone at Rs. 60 a 100 cubic feet; also to face the arches with cut-stone. This is not approved of; it is thought that all the foundations may be of rubble masonry in mortar, but that the superstructure should be of coursed rubble.

With regard to the bridges, as the piers, abutments, wings, &c., are of some thickness, good rubble masonry faced not with cut-stone, but with good coursed dressed stone, in faces at Rs. 40 a 100 cubic feet, will suffice.

The arches should be of brick, but stone faces are considered objectionable, and should not be allowed.

The estimates have been corrected accordingly and new abstract estimates prepared, which, amounting to Rs. 73,748, or an excess of Rs. 1,600 over the original estimate, are recommended for sanction.

(Signed) H. R. MEAD, Lieut.-Colonel, R.E.,
Superintending Engineer, Sixth Circle.

To the Chief Engineer, Public Works Department.

ORDER—dated 2nd April 1883, No. 1005 W., Public Works.

The revised estimate, amounting to Rs. 73,748, as revised by the Superintending Engineer, Sixth Circle, for completing the road from Cumbum to the foot of the Gúdalur Ghât, in the Madura District, is sanctioned.

2. The excess of Rs. 1,600 over the original estimate for Rs. 72,148, sanctioned in G.O., No. 153 W., dated 18th January 1882, is explained in the Superintending Engineer's report above recorded.

3. The final grant for the work for the year 1882-83 stood at Rs. 13,180, and Rs. 20,000 have been provided for it in the Provincial Budget for 1883-84.

4. This sanction has been registered as Provincial No. 2 W. of 1883-84, in supersession of Provincial No. 113 W. of 1881-82, and classified as Communications, Original Works.

(True Extract.)

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

To the Board of Revenue, with ten Enclosures.
" Superintending Engineer, Sixth Circle.
" Examiner, Public Works Accounts, with duplicate Abstract Estimate.
" Financial Department.

Exd. A. F. Goodall.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1883 Madras.

PUBLIC WORKS.

Dated April, 2nd.

Recd.

Encl.

G.O., 2nd April 1883, No. 1005 W.

APRIL.

Road from Cumbum to foot of
Gudalur Ghat

The revised estimate of Rs. 73,748 for
completing the —, sanctioned with remarks.

Public Works Department, 1882-83.

Current No. 2589

Letter No. 715 M. S.

Dated the 19th March/83

From the Suptg. Engr. 6th Circle

Note of Remarks.

1. This revised estimate provides for the completion of the road from the foot of the Gudalur Ghat up to the 33rd milestone from Periakulam, and amounts to Rs. 73,748. being Rs. 1600 in excess of the original, Rs. 72,148, sanctioned in G. O. No. 153 W of 18/1/82.
2. The original estimate was prepared by the P. W. Dept. and has since been revised by L. F. Engr. who in addition to providing for raised rates has also substituted cutstone facing to the various parts of bridges for coursed rubble stone. This revision in passing through the hands of the Suptg. Engr. has

has been modified by him as he considers the coursed rubble stone work where originally provided sufficient for the requirements of the case. With regard to the raised rates he considers them justifiable from his own knowledge of the country so that it is mainly in consequence of an increase in the rates the excess Rs. 1600 is due.

3. The revised estimate by the L. F. Engr. has been examined and forwarded to E. W. by the Supty. Engr. to circle as directed in G. O. No. 3211 N of the 6/12/82.

29/3/83

83/A

C. No. 2589

P. W. Secretariat.

Note by Budget Section.

4/1005

Work

Remarks and References.

Completion of the Road from Cumlum to the foot of the Bidalar Ghat

Fund	Provincial
Service Head	Communications
Departmental Head	Original. Rs.
Amount of Estimate	73748
Expenditure in previous year	5701
Allotment in current year	13180
Balance required to complete	54867
Total Rs.	73748

Note of available funds.

The present revised estimate is in terms of the original estimate for Rs. 72148 sanctioned on 20th Nov 1893 by the Govt. Rs. 20000 are provided for the work in the Provincial Budget for 1893-94.

Budget Clerk.

30/3

Note by Budget Section.

1005 W

No 715 m. D.

Trichinopoly
191 March 183.

Note by Supg Engineer on the
Revised Estimate for Completing the
Road from foot of Gudalur Ghaut up
to the 33rd Mile Stone from Periakulam.

Ch. II
Particulars
are below.

In G.O. No. 153 W dated 18th January/82
Re 72148 was sanctioned for this work
and the work was put in hand, being
carried out by the Local Fund Board,
the funds being given from Provincial funds.

Mr Hardy the Local Fund Engineer
in charge of the work submitted to
the Superintending Engineer a revised
Estimate for Rs 76,648 for this work,
this was returned to him with a
request that as the P. W. Department
had nothing to do with the work
it might be sent through the proper
Channel namely the President of the
Local Fund Board, this was done
and the Estimate was forwarded
by him to the Board of Revenue
who in their Proceedings No. 1083 dated

8th February 1883, directed it to be sent
to the Superintending Engineer to be
reported on as ordered in G.O. dated
6th December 1882 No 3211W.

Under that order therefore the enclosed
Estimates are forwarded to the Chief
Engineer with the following remarks.

The Original Estimate was prepared
by this Department and has been sanctioned
it is not therefore necessary to examine
the proposed plans of the works which
may be accepted. All that is
required is to remark on the materials
and work that it is proposed to use
in place of that originally sanctioned
and the rates for the same.

Generally it is considered that
the increased rates may be accepted
the undersigned knows that owing
to the difficulty in obtaining labour ^{very}
high rates have to be paid.

With regard to the description of
work to be used.

The Original Estimate allowed
for

for Coursed rubble, Mr Hardy has
allowed for Common rubble through-
out, but proposes to face ^{the} piers
abutments and wings of the Bridges
with Cut Stone at Rs 60 a 100 Cft
also to face the arches with Cut Stone.
This is not approved of it is thought
that all the foundations may be of
Rubble masonry in mortar, but
that the superstructure should be
of Coursed rubble.

With regard to the Bridges as the
piers, abutments, wings, ^{are} are of
some thickness, good Rubble masonry
faced not with Cut Stone, but with
good Coursed dressed stone in faces.
at Rs 40 a 100 Cft will suffice.

The arches should be of Brick
Cut stone ~~in~~ faces are considered
objectionable and should not
be allowed.

The Estimates have been cor-
rected accordingly and new
abstract

abstract estimate prepared
which amounting to Rs 73,748
or an excess of Rs 1600 over the
original Estimate are recommended
for Sanction.

M. M. S. Lintell Col Rb
Supy. Engineer & Circle.

To,
The Chief Engineer
P. W. D.

Encls: 11

1. abstract Estimate.
1. - Do - General - Do -
1. Comparative Statement.
1. abstract Estimate for Examiner.
1. G. S. Comparative Statement.
1. - Do - abstract Estimate.
1. Detailed abstract Estimate of
Road culverts & with c. statement.
3. Detailed + abstract Estimates of
3. Bridges with c. statements.
1. Specification

7
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Co. 137544/14.6.80
282844/17.12.80
15310/18.1.82
32110/6.12.82

P.W. No 2589

From,

The Sup^r Engineer
S. E. Circle

To,

The Chief Engineer
P. W. D.

No. 715 M. D.

Dated 19th March 1883.

Recd 20/3/83.

Encls II

Road from foot of
Gudalur Ghat up to
33¹/₂ miles from Peria-
kulam.

Submits for
sanction revised
estimates for com-
pleting the —

No 1005W Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 2nd April 1883

Read the following

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1005

From the S. E. Circle No. 715 M. D. of 19th March 1883.

The revised estimate
amounting to Rs. 73,748,
as revised by the Sup^r
Eng^r S. E. Circle, for
completing the road
from Annulam ~~to~~
foot of the Gudalur
Ghat, in the Madurai
District is sanctioned.

2. The excess of Rs. 1600
over the original estimate
for Rs. 72,148, sanctioned
in No. 153 W of 18th
January 1882, is explained
in the Sup^r Eng^r's report
above recorded —

The

3. The final grant for the work for the year 1882-83 stood at Rs 13,180, and ~~not less~~ Rs 20,000 have been provided for it in the Provincial Budget for 1883-84.

4. This sanction has been registered as Prov. No. 2 W of 1883-84, in supersession of Prov. No. 113 W of 1882-83. Classified as Communications, Original Works.

Cy. 2
sup

Att

31/3/83

CH

25/4
10/4

To the Board of Rev. 21
with 100 copies ✓
" S. S. Siathe Circle 5
" Gar Moha writing 11
" Final Dept. 7

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Gobi. of Madras.

PUBLIC WORKS.

15/4

Dated

Recd.

Encl.

210

G. O. 20th April 1883, No. 1005 N

Nos.

Road from Cambum to foot
of Gudalur Ghaut

The revised estimate of
Rs 73,748 for completing the
sanctioned work with remarks

64

65
5

Letter in the Receipt No.