

estimate for raising
and metalling the Kerala
Nakathal road in the
Kochi Dt.

CHIEF SECRETARY
23 NOV. 1895
GOVERNMENT OF MADRAS

The Honorable the Chief Secretary
for favor of counterinitials.

T
B

C.S. 23/11. } R3/12.
H.E. 29/11

CS
29/11

No 3100 W of 3rd December 1895

PROCEEDINGS OF THE MADRAS GOVERNMENT.

B. R. Walker

Read the following

From the Suptg. Engineer II Circle, No. 1387 K.S.D. 30 September 1895
 Note by the Chief Engineer P.W. Deptt. of 21 November 1895.

The estimate amounting
 to Rs 50,760 for raising and
 metalling the Perala Nakari-
 Kal road from 18th mile 5th furlong
 to 22nd mile 5th furlong in the
 Kistna District is sanctioned.

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

3. This sanction has been
 registered as Local No. 13 W
 of 1895-96.

DESPATCHED

14 DEC. 95
13

To
 The S.E. II Circle
 Exar. P.W. Accts
 L & M. Deptt. with 5 mchrs.

20/11/95

Braj

C. R. B. S.
21/11/95S
21/1120
27/11/95

The existing road, as stated
 in the report, is in 3 places just
 the M. W. L. of the swamps through
 which it passes. It is therefore
 proposed to raise the road through-
 out 3 feet above M. W. L. as
 per levels submitted.

The top width of the road is
 to be 18 feet with side slopes
 2 to 1. The embankment which
 is made up of black cotton
 soil is to be sandbed in the
 centre to a width of 12 feet to
 a depth of 6 inches laid in
 layers of 3" each, over this a
 layer of 6" of rough stone is
 proposed to be packed so as
 to give the roadway a firm
 base. The road material con-
 sisting of 4 1/2" of stone metal
 & 1 1/2" of gravel will then be
 laid well watered & consolida-
 ted.

Provision has been made for
 ballasts or ferry boats, in lieu
 of iron girder bridges originally
 proposed over the gaps, that pass
 the drainage of the country owing
 to the construction of the Madras
 - Rayawada railway which it
 is probable will divert the
 traffic to the railway other than
 cross through the swamps.

The rates cannot be checked
 with the schedule but data
 lists have been submitted to
 the S.E. considers the rates as fair.

The plans & estimate have not
 been countersigned by the President.

District Board but they have
 been sanctioned in Dist. Board
 proceedings dated 19th August 95
 with the remark that the Pres.
 Fund Engineer will be asked to
 estimate also for road dams
 at the beaches.

W. H. S.
 16.11.95

The estimate may be sanctioned
 with a note to the effect that
 the plans and estimate should
 be signed by the President of
 the District Board before
 the work is put in hand, and
 that the work point should
 have been shown on the
 Survey.

CHRB

20/11/95

B 20/11

No. 3100 Wg 3 Dec 1895

Public Works Department.

Current No. 7644

Letter No. 1389 Ks.

Dated 4th October 1895

From the Supy Engineer II Circle

TECHNICAL NOTE.

Name of work Raising & metalling Perala
Kakarical road from 18 mile 5th fur.
to 22nd mile 5th furlong.

Amount of Estimate Rs 50,760.

The S.E. II Circle submits for the
Sanction of Govt. an estimate a-
mounting to Rs 50,760 for raising
the Perala Kakarical road from
18th mile 5th furlong to 22nd mile 5th
furlong between Karamchedu
to Perala villages, in the Kistna
District.

The estimate is divided as
follows:-

Earthwork	Rs 3969
Sanding to a depth of 6"	4196
Rough stone packing 6" thick	20409
Metalling with stone miles	14,739
Graveling 1 1/2" thick	3222
Watering & rolling	769

Total Rs 47,304.

Contingencies & petty exp^s 5% 2,356

Add for 2 first class bullocks

= cuts sanctioned in Dist. Bd. 1,100
proceedings No. 3 of 8-June 95

Total amount Rs 50,760

No 3100 W of 3rd December 1895 P.W.D.

Note by the Chief Engineer P.W.D.

The undersigned has the honor to observe that the plans and estimates have not been countersigned by the President, District Board, as required by para 35, Chapter V, of the Local Fund rules circulated with G.O. No 741 L.F. Financial, dated 18th September 1885. His counter-signature should therefore be obtained before the work is put in hand. It is also observed that the north point should have been shown on the survey.

G.O. No 2499 W of 22nd October 1885.

I am

S. W.

Cu

For

21/11/95

P. W. CURRENT No. 7644

From

The Supy Engineer
Second Circle

Recd: 8.10.95

En: 5

(+ 2 Tracings +
2 copies each of
enclos. 2 & 3)

To The Chief Engineer
P.W. Department

Dated 4th October 1895

Enclos 6.

No 1387 MS

No. 2499 W of 22-10-85
" 1872 C " 12-5-88
" 1611 W " 4-6-88
" 3690 C " 9-9-90

Perala Meerical road
— Forwards for approval
& sanction of Government
an estimate amounting
to Rs. 50,760 for raising
from $\frac{18}{5}$ miles to $\frac{22}{5}$ miles
between Karanchedu & Perala
villages in Kistna Dist.

Your most obed^t Serv^t
 Al Russell
 offg Superintendent Ins^t
 2nd Circle.

No 1387 MS.

Superintending Engineer
Madras.
2nd Circle.

Dated 30th September 95.
Desp. do 4th October 1895

From

A. S. Russell Esquire.

Offg Superintending Engineer
2nd Circle.

To

The Chief Engineer,
Public Works Department,
Madras.

Enclos. 6.

1 General Training
1 Training of Langkx
Cross sections

1 Report
1 Copy of Board's
Proceedings
2 Estimate
(in duplicate
with data &
calculation
sheets)

I have the honour to submit
for your approval and sanction
of Government, an estimate, amount-
ing to Rs. 5,076.00, for raising Pirala
Nakarical road from $\frac{1}{2}$ m to $\frac{2}{3}$ miles
between Karamchedu and Pirala
villages in the Krishna District.

2. An estimate for an iron
rail bridge, amounting to Rs. 10,400.00,
proposed to be constructed across
the Romperu Swamps in the 20th Circle

of

of the above road, was sanctioned in G.O. No 16114, of 4th June 1888, and two other estimates, aggregating Rs 21,030, for bridges proposed to be built in the 21st and 22nd miles over the same road, were submitted for sanction of Government with this office letter No 1133 K.S., dated 1st August 1890. The designs and estimates for these two bridges were returned by you for revision with No 201, of 3rd September, 1890, Communicated with your Memorandum No 3690 C., dated 9th September 1890. Subsequently, after considerable correspondence, revised plans and estimates for these two bridges, as well as for the bridge previously sanctioned in G.O. No 16114, dated 4th June, 1888, (the construction of which has not yet been begun) were received from the Local Fund Board, and returned to them for further

28
further information. Finally, the necessity for ^{the} three bridges was questioned by the Local Fund Engineer, & Superintending Engineer, in view of the near approach of construction of Madras - Bangalore Railway, and of the probability that traffic will take routes to the Railway other than through the Swamps.

3. The upshot of the whole discussion, is, that the President, District Board, has recently forwarded the estimate herewith submitted for merely raising the road, and making no provision for bridging, but merely for halluents across the gaps in the Rompem Swamp.

4. Copy of the Proceedings of the District Board, Kistna, ^{passed} ~~proposed~~ at a meeting held at Bangalore, on the 17th August, 1895, is enclosed for your information.

5. The rates are fair and the

estimate is recommended for
Sanction.

I have the honor to be,

Sir,

Your most obed^t Serv^t
Al K. K. K.
offg Superintending Engr^r,
2nd Circle.

To
3/10
95.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1895} Madras.

PUBLIC WORKS.

Dated December, 3rd.

Recd.

Encl.

G.O. No. 3100 W., 3rd Dec. 1895.

DECEMBER.

Road

Estimate of Rs. 50,760 for raising and
metalling the Perala-Nakarikal — from
18th mile 5th furlong to 22nd mile 5th
furlong, in the Kistna district, sanctioned
with remark.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper :—

From A. S. RUSSELL, Esq., Officiating Superintending Engineer, II Circle, to the Chief Engineer, Public Works Department, dated 30th September 1895, No. 1387 K.S.

I have the honour to submit, for your approval and sanction of Government, an estimate, amounting to Rs. 50,760, for raising Perala-Nakarikal road from 18/5 miles to 22/5 miles between Karenchedu and Perala villages in the Kistna district.

2. An estimate for an iron rail bridge, amounting to Rs. 10,401, proposed to be constructed across the Romperu swamps in the 20th mile of the above road was sanctioned in G.O. No. 1611 W., dated 4th June 1888, and two other estimates, aggregating Rs. 21,030, for bridges proposed to be built in the 21st and 22nd miles over the same road, were submitted for sanction of Government with this office letter No. 1133 K.S., dated 1st August 1890. The designs and estimates for these two bridges were returned by you for revision with note, dated 3rd September 1890, communicated with your Memo. No. 3690 C., dated 9th September 1890. Subsequently, after considerable correspondence, revised plans and estimates for these two bridges, as well as for the bridge previously sanctioned in G.O. No. 1611 W., dated 4th June 1888 (the construction of which has not yet been begun), were received from the Local Fund Board, and returned to them for further information. Finally, the necessity for the three bridges was questioned by the Local Fund Engineer and Superintending Engineer, in view of the near approach of construction of Madras-Bezwada Railway, and of the probability that traffic will take routes to the Railway other than through the swamps.

3. The upshot of the whole discussion, is, that the President, District Board, has recently forwarded the estimate herewith submitted for merely raising the road, and making no provision for bridging, but merely for ballacuts across the gaps in the Romperu swamp.

4. Copy of the Proceedings of the District Board, Kistna, passed at a meeting held at Bezwada on the 17th August 1895 is enclosed for your information.

5. The rates are fair and the estimate is recommended for sanction.

Note by the Chief Engineer, Public Works Department.

The undersigned has the honour to observe that the plans and estimates have not been countersigned by the President, District Board, as required by paragraph 35, chapter V of the Local Fund Rules circulated with G.O. No. * 741 L.F., Financial, dated 18th September 1885. His countersignature should therefore be obtained before the work is put in hand. It is also observed that the north point should have been shown on the survey.

21st November 1895.

(Signed) J. PENNYCUICK, Colonel, R.E.,
Chief Engineer, P.W.D.

ORDER—No. 3100 W., dated 3rd December 1895.

The estimate, amounting to Rs. 50,760, for raising and metalling the Perala-Nakarikal road from 18th mile 5th furlong to 22nd mile 5th furlong, in the Kistna district, is sanctioned.

2. Attention is drawn to the Chief Engineer's note recorded above.
3. This sanction has been registered as Local No. 13 W. of 1895-96.

(True Extract.)

Under Secy. to Govt., P.W.D.

To the Superintending Engineer, II Circle.
" Examiner, Public Works Accounts.
" Local and Municipal Department, with five enclosures.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1895} Madras.

PUBLIC WORKS.

Dated December, 3rd.

Recd.

Encl.

G.O. No. 3100 W., 3rd Dec. 1895.

DECEMBER.

Road

Estimate of Rs. 50,760 for raising and metalling the Perala-Nakarikal — from 18th mile 5th furlong to 22nd mile 5th furlong, in the Kistna district, sanctioned with remark.

7644

Gobt. of Madras.

PUBLIC WORKS.

3/12/95

Date

Recd.

Encl.

G.O. 3/12 1895 No. 3100

Road

Estimate of Rs. 50,760 for
raising and metalling
Peralakavari Kal
from 18th mile 5th furlong
22nd mile 5th furlong,
in the Kistna Dist.
sanctioned with re-
mark.

90%

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