

(1) பக்கங்களின் எண்ணிக்கை _____

(2) புதுக்கித் திருப்பிய நாள் _____

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் _____

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

P. A. O. து.

அரசாணை எண்.

மு. கோப்புத் தாள் எண். 9173

அச்சகம்
பலவகை

நாள் : 11.8.1890

198.

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

2173

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper:—

From J. HANNAN, Esq., Superintending Engineer, II Circle, to the Chief Engineer, Public Works Department, dated 17th July 1890, No. 942 K.S.

I have the honor to submit herewith, for your approval and the sanction of Government, an estimate for "metalling and improving the road from Bezvada to Perikeed," amounting to Rs. 1,23,055.

2. A lump sum of Rs. 25,000 has been entered in the estimate for a bridge over Budameru, and the Local Fund District Engineer has promised to submit the plan and estimate shortly.

3. The specification report accompanying explains the way the metal, &c., to be laid.

4. Copy of the District Board's resolution sanctioning the same is forwarded for your information.

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

Note by the Chief Engineer, Public Works Department.

The estimate, amounting to Rs. 1,23,055, for metalling and improving the road from Bezvada to Perikeed in the Kistna district is submitted for the sanction of Government with the remark that the design (copy attached) of the Talavasal plate girder bridge, prepared by Sir A. Rendel, appears suitable for the proposed bridge across the Budameru. Its adoption is, however, a question for the consideration of the Local Fund Board.

(Signed) J. PENNYCUICK, Lt.-Col., R.E.,
Chief Engineer, P.W.D.

4th August 1890.

ORDER—dated 11th August 1890, No. 2173 W., Public Works.

The estimate, amounting to Rs. 1,23,055, for metalling and improving the road from Bezvada to Perikeed in the Kistna district, is sanctioned.

2. Attention is drawn to the note by the Chief Engineer, Public Works Department, above recorded.

3. This sanction has been registered as Local No. 14 W. of 1890-91.

(True Extract.)

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

To the Superintending Engineer, II Circle.
" Local and Municipal Department, with thirty enclosures,
and one tracing of the Talavasal bridge.

Exd. J. Moses.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.
Govt. of Madras.
PUBLIC WORKS.

Dated August, 11th.

Recd.

Encl.

G.O., 11th Aug. 1890, No. 2173 W.

AUGUST.

Road from Bezvada to Perikeed,
Kistna District

Estimate of Rs. 1,23,055 for metalling
and improving the —, sanctioned.

No. 942 Ks.

From,

21/7/90
17 July 1890.
J. Hannan Esquire,
Superintending Engineer,
II Circle.
The Chief Engineer,
Public Works Deptt.,
Madras.

Sir,

I have the honor to submit
herewith for your approval and
the sanction of Government an
Estimate for "Metalling & improving
the road from Bezvada to Perikeed"
amounting to Rs. 1,23,055.

2. A lump sum of Rs. 25,000
has been entered in the Estimate
for a Bridge over Budameru,
and the Local Fund District
Engineer has promised to submit
the plan and Estimate shortly.

3. The specification report on
accompanying explains the way the
metal &c. to be laid.

4. Copy of the District Board's
resolution

resolution sanctioning the same
is forwarded for your information.

5. The rates are fair and the
Estimate is recommended for
Sanction.

I have the honor to be,
Sir,
Your Most Obedt Servt

W. Annand
Superintending Engineer,
& W. Berke.
16720.

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3

P.W. Cd. 6879

From

The Deputy Engineer
P.W.D.

To The Chief Engineer
P.W.D. Department,
Madras

Dated 17th July 1890

Recd. 22-7-90
No 9428

Encls 26-32
(8 plans)

Beywada - Perikudi
Road - Estimate for
metalling & improving
the - towards Perikudi

2173
P.W.D.

Note by the Chief Engineer P.W.D.
~~General Buildings, and Road Branch~~

2P

* copy attached.

The estimate
amounting to Rs 123055
for metalling and
improving the road
from Beywada to
Perikudi in the Kistna
District is submitted
for the sanction of
Government with the
remark that the
design of the Talavani
plate girder bridge
prepared by Sri. S.
Rendel appears suitable
for the proposed
bridge across the
Buddameen. Its
adoption is however
a question for the
consideration of the
Local Fund Board.

S
E.W.

2073
2-8-90

2173
2-11-90

9/13/5
Draft memo.

Supporting employment

with new hires

Leave for the

training of the

involvement

0013

Public Works Department.

Current No. 6879
 Letter No. 942 K S
 Dated 17th July 1890
 From the Supy. Engr. H. Birch

Sanction P.O.B.
29-7-90
 NOTE OF REMARKS.

The plan & Estimate under review, the latter amounting to Rs. 1,23,055 provide for installing and improving the road from Parvada to Frikud in the Kistna Dist. -

The Estimate is divided as follows -

- | | |
|--|-----------|
| (1) Earthwork | Rs. 6,880 |
| (2) Spreading the sand already collected | 3,112 |
| (3) Mining & rolling sand | 329 |
| (4) Broken stone | 53,541 |
| (5) Gravel | 7,587 |
| (6) Mining, rolling & grading | 2,860 |
| (7) Superintendence & sundries | 3,714 |
| (8) 17 Sub contracts | 18.9 |
| (9) 33 Road dam | 10,210 |
| (10) Approximate amount for a bridge over the Pandamudra | 225,000 |

Total Rs. 1,23,055

The entire length of the road is stated to be 26 miles 8 furlongs, of which 4 miles 4 furlongs have already been installed leaving 22 miles 1 furlong to be done.

for which the estimate provided -

The road is to be metalled 9" thick & a width of 10 ft & screened with gravel 2" thick 3 ft of earth margined are allowed on each side making the total width of the embankment 16 ft. - The side slopes are to be 2 1/2 to 1.

The embankment is to be raised where necessary.

The cuts as far as can be checked are fair - Data lists are submitted.

It is stated that the plan & Est. for the proposed bridge will be submitted shortly.

The estimate has been compared with by the President of the Dist. Board.

The width of the metalling is stated to be 10 ft: G.O. 2nd 1986 and 2nd July 1890 requires it to be 15 ft. - it must therefore be necessary to alter the Est. for the purpose of widening the metalling. This work seems to form part of the main road from Madras to Calcutta - with Route Book. If the Est. is returned for

* This G.O. raised the minimum width of a district road from 12' to 15' This will very much enhance the cost of road making - There are 2 or 3 roads in progress in the district for which a width of 10' of metalled surface only is allowed 12' would certainly be

2173 8/17/96
better, as allowing 2 cars to pass on the metalled portion, but it is assumed that the width proposed 10' has been fixed with reference to the district boards finances, and may therefore be allowed to stand -

The design by Mr A. Rendall is a suitable one, & the suggestion may be made -

50-3
29-7-90

division S.E. I might be asked to instruct Mr L.F. Eng. to prepare the design for the bridge on the line of the plate girder bridge designed by Mr L. Rendall and a copy of this design might be sent to him for transmission to Mr L.F. Eng. in the light of a suggestion as Mr L.F. Dept. are not bound to follow any of the designs used in this Dept. -

Curr
25.7.90

No reason is assigned for objecting to the use of sand, if the soil is black cotton sand is usually used -

Curr
25.7.90

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 11th Aug 1890

Read the following:—

From the S. E. II Circle No 942 K.S. d/17 July 1890
note by the Chief Engineer P. W. D. d/4th August 1890

The estimate amounting to Rs 123,055 for metalling and improving the road from Peravada to Perikud in the Ristua District, is sanctioned.

2. Attention is drawn to the note by the Chief Engineer P. W. D. above recorded.

3. This sanction has been registered as Local V. 14 W of 1890-91.

To
The S. E. II Circle

Local & Municipal Dept
with 32 enclosures,
and one facing of
the Salvo and Salvo.

Obtain sanction
by the Chief Engineer
9/8/90

21/8

1003
2-8-90

Sat

Hesper

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Jan 7
11.5.90
18 Dec

2193
9

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6879.

South of 18 - 13 Madras.

PUBLIC WORKS

1875-76

Report from Keypada
to P. R. B. Kistna
District

Statement of the 1875-76
for the Hallimptin
the — Caudionals

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12/8 12/8 12/8