

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

From G. D. WYBROW, Esq., Superintending Engineer, II Circle, to the Chief Engineer, Public Works Department, dated 1st October 1886, No. 1078 K.S.

I have the honor to forward, herewith, for your approval and the early sanction

1. Metalling the Guntúr-Bápatla road from south end of bridge over Commamur canal to Bápatla	rs. 88,685
2. Constructing a road from Sattena-palle to Krósúr	38,126
3. Constructing road from Gurazala to Tumarkod village	34,710
4. Masulipatam to Kistna river, <i>via</i> Tsallapalli, metalling	10,000
5. Constructing a metalled road from Nidamole to Iyalur	35,040
6. Revised estimate for metalling the road from Gudiváda to Puttagunta, portion of Perikeed-Gudiváda road not yet completed	15,430
Total	2,21,991

of Government, six estimates for constructing and metalling roads in the Kistna district, noted in the margin, amounting in the aggregate to Rs. 2,21,991.

2. Copy of the proceedings of the Local Fund Board is forwarded together with reports, data, &c., attached to each estimate.

3. There are some minor details which have escaped the Local Fund District Engineer's attention in drawing up these estimates, with reference to the Public Works Code, but as the President expressed a wish that early sanction to these estimates is necessary, and if returned there would be another year's delay, I beg to forward them.

4. The President submits a comparative statement for the revised estimate for the road from Gudiváda to Perikeed. The original estimate, amounting to Rs. 1,15,675, was sanctioned in G.O., No. 2069 W., of the 22nd August 1884. The revised estimate now submitted amounts to Rs. 80,000, and the work still to be done is from Gudiváda to Puttagunta, a distance of about 5 miles, for which an estimate, amounting to Rs. 15,430, is herewith sent. The net saving on this estimate is Rs. 35,675, and this is due to the abandonment of first coat metal (or large boulders) so called.

5. The rates, &c., are suitable and the estimates are recommended for sanction.

ENCLOSURE.

List of plans and estimates connected with the Local Fund Roads in the Kistna to accompany Superintending Engineer's letter, No. 1078 K.S., dated 1st October 1886, to the Chief Engineer, Public Works Department.

Road from Masulipatam to Tsallapalli.

Section of road	1
Specification report	1
Detailed and abstract estimate	1
Data	1

Road from Nidamole to Iyalur.

Specification report	...	...	...	...	...	...	...	1
Data	...	...	...	...	...	...	...	2
Detailed estimate	...	...	...	...	...	...	...	1
Abstract do.	...	...	...	...	...	...	...	1
Data for rough-stone	...	...	...	...	...	...	...	1
Detailed and abstract estimates of road dams	...	...	...	...	...	...	...	1

Road from Chebrole Bridge to Bapatla.

Specification report	...	...	...	...	...	...	...	1
Report	...	...	...	...	...	...	...	1
Data	...	...	...	...	...	...	...	1
Detailed and abstract estimate	...	...	...	...	...	...	...	1

Road from Sattenapalle to Krósúr.

Specification report	...	...	...	...	...	...	...	1
Detailed and abstract estimate	...	...	...	...	...	...	...	1
Tracing	...	...	...	...	...	...	...	1
Data	...	...	...	...	...	...	...	1

Road from Gurazala to Tumarkod.

Tracing	...	...	...	...	...	...	...	1
Detailed estimate	...	...	...	...	...	...	...	1
Abstract do.	...	...	...	...	...	...	...	1
Specification report	...	...	...	...	...	...	...	1
Data	...	...	...	...	...	...	...	1

Road from Puttagunta to the junction of Pamaru Road or incomplete portion of Perikeed and Gudiváda Road.

Detailed estimate	...	...	...	...	...	...	...	1
Abstract do.	...	...	...	...	...	...	...	1
Data	...	...	...	...	...	...	...	1
Specification report	...	...	...	...	...	...	...	1
Comparative statement...	...	...	...	...	...	...	...	1
Plans	...	...	...	...	...	...	...	7
Copy of the proceedings of the Local Fund Board	...	...	...	...	...	...	...	1

Note by the Chief Engineer, Public Works Department.

(1) *Estimate for metalling the Guntúr-Bápatla road from the Chebrole bridge at Bápatla, Kistna district.*—The object of putting sand on the top of the gravel is not apparent, and it is considered that it might be omitted. It is understood that about two miles of the road near Bápatla consist at present of loose sand, and it is therefore doubtful whether the 6 inches of kunker proposed to be laid down will not disappear in a very short time.

As the Superintending Engineer reports that the estimate is urgent, it is recommended for sanction, with the foregoing remarks.

(2) *Estimate for constructing a road from Sattenapalle to Krósúr, Kistna district.*—The plan and longitudinal section do not agree, the difference in the width of the streams being considerable. In the absence of any information as to the velocity of the water in these streams, it is not possible to say whether the road dams allowed are sufficiently strong; but as the depth of water in Nos. 3, 4 and 5 streams appears to be 6 feet, 11 feet and 8 feet, respectively, it appears advisable to construct bridges to prevent interruption in the traffic.

With these remarks, the estimate is recommended for sanction.

(3) *Estimate for constructing a road from Gurazala to Tumarkod, Kistna district.*—This estimate is recommended for sanction.

(4) *Estimate for metalling a portion of the road from Masulipatam to Tsallapalli, Kistna district.*—It is considered that a thickness of 2 inches of sand over the black cotton soil is far too little, and that at least 6 inches of sand should be provided, to be spread in layers of 2 inches.

It appears advisable also to increase the thickness of metal to 6 inches. With these remarks, the estimate is recommended for sanction.

(5) *Estimate for constructing a road from Nidamole to Iyalur, Kistna district.*—It is considered that the thickness of sand should be increased to 6 inches, to be spread in 2-inch layers, and that 6 inches of metal should be provided. The approaches to the road dams should not be steeper than 1 in 30.

With these remarks, the estimate is recommended for sanction.

(6) *Revised estimate for metalling the road from Gudiváda to Puttagunta, Kistna district.*—This piece of road forms a portion of the road from Gudiváda to Perikeed, an estimate for which was sanctioned in G.O., No. 2069 W., dated 22nd August 1884. The estimate now submitted should be returned to the Superintending Engineer, in view to the submission of a revised estimate in proper form for the whole road.

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

1st November 1886.

ORDER—dated 4th November 1886, No. 2910 W., Public Works.

The undermentioned estimates, for roads in the Kistna district, are sanctioned:—

	RS.	
1. Renewing the road from the Chebrole bridge to Bápatla	88,685	Local No. 22 W. of 1886-87.
2. Constructing a road from Sattenapalle to Krósúr	38,126	„ „ 23 W. of „
3. Constructing a road from Gurazala to Tumarkod	34,710	„ „ 24 W. of „
4. Metalling 5 miles of road from Masulipatam to Tsallapalli	10,000	„ „ 25 W. of „
5. Constructing a road from Nidamole to Iyalur	35,040	„ „ 26 W. of „

2. Attention is drawn to the remarks of the Chief Engineer with respect to estimates (1), (2), (4) and (5). Estimate No. (6) will be returned to the Superintending Engineer for revision as recommended by the Chief Engineer.

(True Extract.)

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

To the Financial Department (L.F.), with twenty-one enclosures.
„ Superintending Engineer, II Circle, with five enclosures.
„ Examiner, Public Works Accounts.

Exd. E. Fernandez.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1886 Madras.

PUBLIC WORKS.

Dated November, 4th.

Recd.

Encl.

G.O., 4th Nov. 1886, No. 2910 W.

NOVEMBER.

Roads in the Kistna District

Certain estimates for —, sanctioned with remarks.

Govt. of 1887 Madras.

LOCAL AND MUNICIPAL.

Order thereon No 1730 W of 28 June 87.

Communicated
to the Supt Engineer
with reference to
G.O. No 2910 W dated 4th
November 1886

(Sd) 20th
W

Issued

Recd.

Encl.

G.O., 9th June 1887, No. 1052 L.

No. 1730 W of 28-6-87

JUNE.

Estimates.

Informing the President, Kistna District Board, that the sanctioned —, revised in accordance with the Chief Engineer's suggestions, need not be resubmitted for sanction, but that the estimate for the Chebrole-Bapatla road should be resubmitted through the Superintending Engineer on account of the proposed alteration in the plan by the Local Fund Engineer.

S. C. S. S. S.

9TH JUNE 1887, No. 1052 L., LOCAL AND MUNICIPAL.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

READ—the following paper :—

From R. SEWELL, Esq., President, District Board, Kistna, to the Chief Secretary to Government, dated Masulipatam, 13th May 1887, No. 31.

With reference to G.O., Mis. No. 1586 L.F., dated 22nd November 1886, communicating Government sanction in the Public Works Department for certain estimates, I have the honor to request that you will kindly let me know if they should after revision, according to the Chief Engineer's suggestions, be resubmitted to Government for fresh sanction.

2. In the case of the Chebrole-Bápatla road, the District Engineer proposes to make provision in the estimate (to be revised) for a rail bridge at 28th mile. Please instruct me if the alteration proposed necessitates the resubmission of the estimate through the Superintending Engineer to Government for sanction.

ORDER—dated 9th June 1887, No. 1052 L., Local and Municipal.

The estimates in question need not be submitted to Government for fresh sanction simply because they have been revised in accordance with the Chief Engineer's suggestions. But the alteration proposed by the Local Fund Engineer in the plan for the road from Chebrole to Bápatla being of an important character, the estimate should be resubmitted to Government through the Superintending Engineer.

(True Extract.)

H. E. STOKES,
Ag. Chief Secretary.

To the President, District Board, Kistna.
„ all other Presidents of District Boards.
„ the Public Works Department.
„ the Accountant-General.

Exd. T. O'Connor.

9TH JUNE 1887, No. 1052 L., LOCAL AND MUNICIPAL.

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„ all other Presidents of District Boards.
„ the Public Works Department.
„ the Accountant-General.

Exd. T. O'Connor.

No 2910 W. 11.86
" 2069 W. 22.8.84

P.M.C. No 4654

Govt. of 1887 Madras.
LOCAL AND MUNICIPAL.

No 1730 W a/28th June 187

Communicated to
Comm^r to
the Superintendent Secret^y Civil
the
with reference
to G.O. No 2910 W
to G.O. No 2910 W
dated 4th Nov 1886
84.11.86

(3)

S.C

Issued

Recd.

18.6.87

Encl.

5

G.O., 9th June 1887, No. 1052 L.

No 1730 W a/28th June 187

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J. C. P.
28/6/87

B. Day

S. E. P. C. / 24/6/87
S. E. P. C. / 24/6/87
S. E. P. C. / 24/6/87

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