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(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public works

DEPARTMENT.

G.O. No. 3727

Press

~~Mis.~~

189-190

Dated 8-12-

1865.

Not to be folded or roughly handled

Read the following :—

No. 586.

No. 189. Application from the Agent and Traffic Manager of the Great Southern of India Railway, requesting the sanction of Government to the following Estimates :—

ERODE EXTENSION.

District No. I.

	RS.	A.	P.
Earth-work in cuttings and embankments, road approaches, &c., including metalling of roads	1,78,696	13	0
Masonry in bridges and culverts	1,46,599	4	0
Permanent Way	1,04,837	8	0
Fencing, gates, &c., ...	29,130	8	0
Miscellaneous, Bungalows	6,980	0	0
Maintenance of way and works	57,701	9	0
Contingencies	52,394	6	0
Total...	5,76,340	0	0

Five lacs seventy-six thousand three hundred and forty.

1. The first District of the Erode Extension, commencing from the present Railway Station at Trichinopoly, is 23 miles, 6 chains, and 45 links long. It is divided into two sections of 12 miles, and 11 miles, 6 chains, and 45 links, respectively.

2. The new station is placed at two miles 50 chains of the District. At three miles 60 chains the line crosses the river Kudumurti, and from thence it is taken along the south bank of the river Cauvery.

3. The estimates provide for 7,45,031 cubic yards of earth-work, or about 31,303 cubic yards per mile. For 12,889 cubic yards of masonry, or about 541 cubic yards per mile. The maximum height of embankment is 13·97 feet, and the depth of cutting 3·06.

4. There are 18 planes on both sections, eight ascending, four descending, and six level. The stiffest gradient is 1 in 127·7 on a descending incline for a distance of 30 chains. There is a total rise of 68·66 feet, between the two ends of the District, giving an average rise of about 2·88 feet per mile.

5. The estimated outlay for the 1st Section is Rupees 3,35,130, and for the 2nd Section Rupees 2,41,210.

6. There will be 22 bridges and 38 culverts across the line. The largest bridge will be over the river Kudumurti. It will be a wrought iron girder one of seven openings, each of 30 feet span, and is estimated to cost Rupees 33,100. The water-way allowed appearing to be insufficient, the Superintending Engineer of the 6th Division was addressed on the subject, but his reply has not reached me.

7. The average outlay per mile, for the whole of the works up to formation level, including the cost of laying the Permanent Way, is Rupees 24,216.

8. The rate allowed for earth-work is 3 Annas per cubic yard; and for masonry, 10 Rupees per cubic yard. The rates are higher than those in force in

*Proceedings of the Madras Government, Public Works Department,
8th December 1865.*

the Public Works Department at Trichinopoly, but not higher than those passed for works constructed by the Railway Companies. The rate allowed in the estimates for the 4th District of the line from Negapatam to Trichinopoly was 14 Rupees per cubic yard.

9. I would recommend that the estimates specified above, amounting together to Rupees 5,76,340, be sanctioned, subject to any alterations which may be shown to be necessary by the Superintending Engineer, 6th Division, in the water-way allowed by the Railway authorities across the line.

(Signed) J. C. ANDERSON, Lieut.-Colonel, R. E.,
Consulting Engineer for Railways.

23th November 1865.

No. 190. ORDER THEREON, 8th December 1865, No. 3,727.

RAILWAY, No. 18.

On the recommendation of the Consulting Engineer, the Government sanction the estimates amounting to Rupees 5,76,340 for District No. I. of the Errode Extension of the Great Southern of India Railway. The plans of the bridges will, however, be subject to any modification which may be found to be necessary on the receipt of the report of the Superintending Engineer of the 6th Division.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Consulting Engineer for Railways, with Enclosures.

Exd. S. T. Augustin.

No. 586

Madras, 28 November 1865.

Application from the Agent and Traffic Manager of the Great Southern of India Railway, requesting the sanction of Government to the following Estimate:-

*Errode Extension
District No. I*

Earthwork in Cuttings and Embankments Road approaches & including Metalling of Roads	Rupees 1,78,696.13..
Masonry in Bridges and Culverts	146,599.4..
Permanent Way	104,837.8..
Fencing Gates &c.	29,130.8..
Miscellaneous Bungalows	6980....
Maintenance of Way & Works	57,701.9..
Contingencies	52,394.6..
	<u>Rupees 5,76,340....</u>

Five Lacs, Seventy Six thousand, three hundred and forty ..

1. The first District of the Errode Extension Commencing from the present Railway Station at Trichinopoly, is 23 Miles 6 Chains & 45 links long. It is divided into two Sections of 12 miles, & 11 Miles 6 Chains and 45 links, respectively.

2. The new Station is placed at 2 Miles 50 Chains of the District. At 3 Miles 6 Chains the line crosses the River Rudumurti, and from thence it is taken along the South bank of the River Javery.

3. The Estimates provide for 7,45,031 Cubic Yards of Earthwork, or about 31,303 Cubic Yards

per

per mile. For 12,889 Cubic Yards of Masonry, or about 541 Cubic Yards per mile. The maximum height of Embankment is 13.97 feet, and the depth of cutting 3.06 feet.

4 There are 18 planes on both Sections. 8 ascending, 4 descending, and 6 level. The steepest gradient is 1 in 127.7 on a descending incline for a distance of 30 Chains. There is a total rise of 68.66 feet between the two ends of the District, giving an average rise of about 2.88 feet per mile.

5 The estimated outlay for the 1st Section is Rupees 3,35,130, and for the 2nd Section Rupees 2,41,210.

6 There will be 22 Bridges and 38 culverts across the line. The largest Bridge will be over the River Rudumurti. It will be a wrought Iron Girder one of seven openings, each of 30 feet span, and is estimated to cost Rupees 33,100. The waterway allowed appearing to be insufficient, the Superintending Engineer of the 6th Division was addressed on the subject, but his reply has not reached me.

7 The average outlay per mile, for the whole of the works up to formation level, including the cost of laying the permanent way, is Rupees 24,210.

8 The rate allowed for earthwork is 3 Annas, per Cubic Yard, and for Masonry, 10 Rupees per Cubic Yard. The rates are higher than those in force in the Public Works Department at Trichinopoly, but

but not higher than those paid for works constructed by the Railway Companies. The rate allowed in the Estimates for the 4th District of the Line from Nagapattinam to Trichinopoly was 14 Rupees per Cubic Yard.

9 I would recommend that the Estimates specified above amounting together to Rupees 5,76,340 be sanctioned, subject to any alterations which may be shown to be necessary by the Superintending Engineer 6th Division in the matter may allowed by the Railway Authorities across the line.

J. Henderson Esq. Colonel R.E.
Consulting Engineer for Railways

To
The Secretary to Government P.W.D.
Fort Saint George.

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Railway

Public Works Department

No 3727

Proceedings of the Madras Government
under date the 8th ~~November~~ ^{December} 1865

Read the following

From the Consulting Engineer
for Railways.

Application from the
Agent and Traffic Manager of

the Great Southern of India Rail. (H. R. 28th November 1865 No 586)

requesting sanction to the
Estimate of District Road
extension amounting to Rupees

5,76,340 - - -

On the recom-
mendation of the Con-
sulting Engineer, the Go-
vernment sanction the
estimates amounting
to Rs. 5,76,340 for Dis-
trict No. I of the Road
Extension of the Great
Southern of India Railway.
The plans of the bridges
will, however, be subject
to

[Signature]

[Signature]

28th 1865
Office of Consulting Engineer
for Railways.

To the Secretary of Govt
of Railways.

Dated 28th Decr 1865

Recd 30 Decr 1865

No 586
Estimate - 2-9-4

Application from
the Agent & Traffic Manager
of the G. S. I. R. Co.
requesting sanction
to the estimate of Rs. 5,76,340 - - -
for District Road extension.

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28.3727-8758 Decr 1865

to any modifications
which may be found
to be necessary on the
receipt of the report of
the Superintending En-
gineer of the 6th Div.

[Signature]

[Signature]

[Faint handwritten notes]

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3 Confrms for Pauline
with enclosures
Sept 9th December
13

[Signature]
15 Dec 1897 12.6m

1868 Dep't
Secy of Govt for Dep't

No 3727
Secy of the Govt
D & Dep't

District No 1 of the proposed
extension of the G. S. of India
Railway. The estimated amount
is Rs 5,76,360 for, sanctioned
conditionally.