

Public Works (1898) Department.

RAILWAY BRANCH.

G.O., No. 1172 Rv.

DATED 26th Sept 1898.

Includes

G.O. No. 1095 Rv. 8/9/98.

[Despatch Abstract.]

Kode - Mangangod Railway Survey.

Forwarding to the agent, S. D. R., for information
and guidance letter from the Govt of India
sanctioning with certain remarks, the revised
estimate amounting to Rs 25,281 of the cost
of the —————.

Indexed.

Government {1898} of Madras.
PUBLIC WORKS.

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SEPTEMBER.

Communicating to the Agent, South Indian Railway, the sanction of the Government of India to the revised estimate, amounting to Rs. 25,281, of the cost of the —.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read again the following paper:—

G.O., No. 135 R., dated 24th January 1898.

Read also the following papers:—

From—The Agent, South Indian Railway.
To—The Consulting Engineer for Railways.
Dated—13th August 1898, No. 754.

With reference to your letter No. 98/O., dated 6th August 1898, regarding the revised estimate for the cost of the Erode-Nanjangod Railway Survey, I have the honour to inform you that most of the tents now with the survey parties are about $3\frac{1}{2}$ years old and it is not anticipated that they will be worth more than half their original value when returned. I therefore submit an amended revised estimate, amounting to Rs. 25,281, in which credit has been given for the tents being taken back on a reduction of 50 per cent. and the instruments on a reduction of 25 per cent.

In connection herewith, I would invite your attention to your letter No. 2647 of 13th August 1897, concerning the traffic survey of the Trichinopoly-Thondi and Madura-Pamban Railways.

ENCLOSURE.

ERODE-NANJANGOD RAILWAY SURVEY.

ESTIMATED LENGTH, 110 MILES.

Revised Estimate for the Preliminary Survey.

SURVEY EXPENSES.	RS.	RS.
Clearing jungle and other expenses in the field	1,000	
Cartage, stationery and other contingent charges	2,000	
		3,000
PLANT.		
Tents—		
3 Hill tents	903	
2 Campaign tents	150	
17 Servants' pals	686	
	1,689	
Less value on completion of works at 50 per cent.	844	
		845
INSTRUMENTS.		
6 Theodolites	767	
4 Levels	329	
2 Levelling staves	80	
2 Compasses, prismatic	81	
1 Compass, magnetic	7	
2 Boxes instruments, mathematical	99	
2 Edges, straight steel	22	
1 Aneroid barometer	23	
Other items of plant	1,000	
	2,408	
Less value on completion of works at 75 per cent.	1,806	
		602
		1,447

Revised Estimate for the Preliminary Survey—cont.

ESTABLISHMENT.	RS.	RS.
<i>Salaries and Allowances.</i>		
1 Assistant Engineer, February to November 1898, at Rs. 533, including exchange compensation allowance	4,925	
1 Assistant Engineer, April to November 1898, at Rs. 500	3,650	
1 Engineering Assistant, do. at „ 250	2,000	
1 Do. do. at „ 175	1,266	
1 Surveyor, April to November 1898, at Rs. 135	1,080	
1 Do. do. at „ 85	605	
8 Apothecaries (1 from March to May 1898, 1 for March and April, and 1 from May to November 1898) at Rs. 50	444	
3 Clerks (1 from February to May 1898, and 2 from May to November 1898), at Rs. 40 and 30	608	
32 Lascars	1,956	
Travelling and other allowances	4,300	
Total		20,834
		25,281

From—The Joint Secretary to the Govt. of Madras, Public Works Dept., Ry. Branch.
To—The Secretary to the Government of India, Public Works Department.
Dated—27th August 1898, No. 1095 Ry.

In supersession of the estimate of the cost of the Erode-Nanjangod Railway Survey submitted with my letter, No. 1054 R. of 30th November 1897, and sanctioned in your No. 78 R.C. of 15th January 1898, I am directed to forward for sanction a revised estimate, amounting to Rs. 25,281, of the cost of the Erode-Nanjangod Railway Survey.

1. Extracts from letter, No. B. 3990/1532, dated 30th July 1898, from the Chief Engineer, to the Agent, South Indian Railway.
2. Letter No. 716, dated 2nd August 1898, from Agent to Consulting Engineer.

2. Copies of the marginally-noted letters are enclosed explanatory of the causes which have led to the necessity for this revised estimate.

ENCLOSURE No. 1.

From—The Acting Chief Engineer, South Indian Railway Company.
To—The Agent, South Indian Railway.
Dated—30th July 1898, No. B. 3990/1532.

Erode-Nanjangod Railway Survey.

[Your last letter, No. R. 1657/16/1285 of 26th instant.]

On the 25th instant, I arrived at Satyamangalam and met Mr. Clifford there. I have the pleasure to report as follows on the work done to date.

A trace run at an inclination of 1 in 50 from Gatwaddi to Gajelhatti between the points A and B as shown on the accompanying small scale plan, has been surveyed and levelled, and the result shows a difference of level of 1,956 feet in a length of 18 miles. Side inclinations have been recorded along the trace; a line will now be laid down on the plan and the longitudinal section thereon computed from the section taken along the trace and from the side inclination. I think it is reasonable to suppose that a ruling gradient of 1 in 40 compensated for curves will be obtained.

Under these circumstances, I recommend that the survey of the portion of the line beyond the ghāt be continued and in anticipation of sanction being accorded thereto, I have instructed Mr. Clifford to concentrate his party on the Gajelhatti-Erode section and as soon as this is completed, I propose to transfer the whole party to the Gatwaddi-Nanjangod length.

The original estimate which provided for the whole length being completed within three months, appears to have been utterly inadequate for the purpose.

I enclose a statement showing the expenditure recorded up to 15th instant and the extra amount which I estimate will be required to complete the survey, and I shall be glad to receive your confirmation as regards my action in continuing the survey from Gajelhatti to Erode in anticipation of the revised estimate being sanctioned.

I understand from Mr. Clifford that the party have had a very hard time; there has been great scarcity of water necessitating camping at some distance from the work, which involved long walks morning and evening to and from the work. Mr. Clifford himself has had a sharp

attack of dysentery from which he is only just recovering and several of the servants and lascars have suffered similarly; scarcely one of the lascars originally taken from Trichinopoly now remains with the party.

In addition to Gatwaddi-Gajelhatti trace a line of levels was run up to Tallamalla 7 miles from Gajelhatti and 4 miles on to the top of the ghât at Mudinur, which shows a difference in level of 1,941 feet in 12 miles; so far, therefore, the Gatwaddi-Gajelhatti route appears the most feasible one.

ENCLOSURE No. 2.

From—The Agent, South Indian Railway.
To—The Consulting Engineer for Railways.
Dated—2nd August 1898, No. 716.

Referring to correspondence ending with your letter, No. 8/O., dated 21st April 1898, and my letter, No. 428 of 4th May 1898, I have the honour to forward a copy of the Acting Chief Engineer's letter No. B. 3990/1532 of 30th July 1898, regarding the work done on the Erode-Nanjangod Railway Survey, and with reference to his remarks in regard to the estimated cost of the work, request sanction to the accompanying estimate, amounting to Rs. 26,885, in lieu of that sanctioned by Government of India letter, No. 78 R.C. of 15th January 1898, communicated in G.O., No. 135 R. of the 24th January 1898.

The approval of the Board of Directors to the revised estimate will be applied for, but as the Board have dispersed for the mid-summer holidays, some little time will elapse before the required authority can be obtained, and as you are aware it is necessary that the work now begun should be pushed forward as much as possible in the favourable working season.

From—The Secretary to the Government of India, Public Works Department.
To—The Joint Secretary to the Govt. of Madras, Public Works Dept., Ry. Branch.
Dated—16th September 1898, No. 1354 R.C.

I am directed to acknowledge the receipt of your letter, No. 1095 Ry., dated 27th August 1898, and in reply to convey the sanction of the Government of India to the revised estimate submitted therewith, amounting to Rs. 25,281, of the cost of the Erode-Nanjangod Railway Survey, subject to the conditions enumerated in paragraph 2 of Public Works Department letter, No. 78 R.C., dated 15th January 1898.

2. I am, however, to remark that the Government of India desire that only a preliminary survey of probable routes should be carried out, and not a regular located line.

3. The sanction accorded in paragraph 1 above which is in supersession of the sanction accorded in Public Works Department letter, No. 78 R.C., dated 15th January 1898, to the estimate, amounting to Rs. 17,829, is chargeable, like the former estimate, to the Revenue account of the South Indian Railway and has been registered as No. 3, South Indian Railway, of 1898.

4. The approval of the Board of Directors, South Indian Railway Company, to the revised estimate, herein sanctioned, will be awaited.

ORDER—No. 1172 Ry., dated 26th September 1898.

Communicated to the Agent, South Indian Railway Company, for information and guidance.

(True Extract.)

FRANCIS J. E. SPRING,
Joint Secretary.

To the Agent, South Indian Railway.
" Examiner, Guaranteed Railway Accounts.
" Consulting Engineer for Railways.

Exd. T. K. Narayana Aiyangar.

No. 754

South Indian Railway Co., Ltd.

No. 35

AGENT'S OFFICE,

Trichinopoly, 13 August 1898.

From

THE AGENT,
SOUTH INDIAN RAILWAY,

To

THE CONSULTING ENGINEER
FOR RAILWAYS,

MADRAS.

Ootacamund

Sir,

With reference to your letter No. 98 dated 6th August 1898 regarding the revised estimate for the cost of the Erode-Nanjangode Railway Survey, I have the honor to inform you that most of the tents now with the Survey parties are about 3½ years old, and it is not anticipated that they will be worth more than half their original value when returned. I therefore submit an amended revised estimate amounting to Rs. 25,281, in which credit has been given for the tents being taken back on a reduction of 50 per cent, and the Instruments on a reduction of 25 per cent.

In connection herewith I would invite your attention to your letter No. 2647 of 13th August 1897 concerning the Traffic Survey of the Trichi-nopoly-Thondi, and Madurai-Pamban Railways.

I have the honor to be,

Sir,

your most obedient servant,

Francis J. Smith
Offg. Agent.

1 Enclosure

Msd

1 1/2 16/8

16.8.98.

Letter from *A*

No. 754

Dated 13.8.98.

To E. R.

In your letter referred to you pointed out that the allowance made in the revised estimate ^{Trichy-Thondi survey} for appreciation of tents & instruments viz 50% and 75% respectively was large for one season's work & suggested 25% as a fair allowance for depreciation. The Agent has accepted your suggestion as regards instruments. As regards tents he points out that they are $3\frac{1}{2}$ years old, meaning thereby I presume that their present value does not represent their original value, some of which has apparently been already charged off to other works. His reference to your No 2647 which related to the Trichy-Thondi Railway is ~~unmaterial~~ ^{made} as in that letter you stated 75% for instruments & 50% for tents would be a fair amount to allow for credits likely to be received at the end of that work.

In their original estimate they apparently misread this & allowed 75% & 50% as debts to the work. The estimate may I think, now be recommended for sanction.

Yr Ws.

JH
16.8.98.

From

The Agent,

SOUTH INDIAN RAILWAY,

Trichinopoly.

To

THE CONSULTING ENGINEER FOR

RAILWAYS,

Madras.

Dated

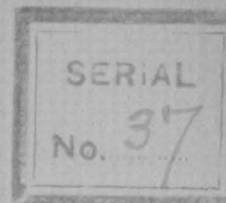
189

Received

No.

ENCLOSURE.

No. 1095 R



Government of Madras.

PUBLIC WORKS DEPARTMENT,

RAILWAY BRANCH.

To

The Secretary to the Government of India,

Public Works Department,

S I M L A.

Madras, 27 August 1898.

Sir,

In supersession of the estimate of the cost of the Erode-Nanjangode Railway Survey submitted with my letter No. 1054 R of 30th November 1897, and sanctioned in your No. 78 R.C. of 15th January 1898, I am directed to forward for sanction a revised estimate amounting to Rs.

25,281 of the cost of the Erode-Nanjangode Railway Survey

- (1) Extracts from 2. Copies of the marginally noted letters are enclosed with letter No. B3990/1532, d/30th July 1898, from the Chief Engineer to the Agent S.I.Ry: necessity for this revised estimate.
- (2) Letter No. 716, d/2nd August/98, from Agent to Consulting Engineer.

I have the honour to be,

Sir,

Your Most Obedient Servant.

Despatched on 2/9/98

18/8 J. C. Lyle,

for Joint Secretary.

Documents accompanying:-
Revised estimate referred to.

Government of Madras.

PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.

To

THE SECY. TO THE GOVT. OF INDIA,

P. W. DEPARTMENT.

27th August 1898.

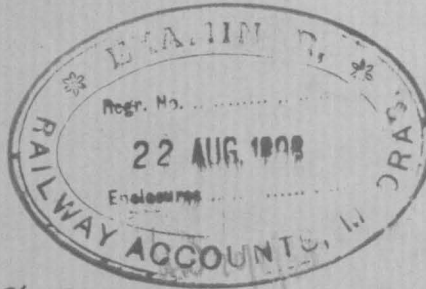
SIR,

(of the cost of the Erode - Nanguneri Survey)

In pursuance of the estimate submitted with my letter No 1054 R. of 30th Nov-97, and sanctioned in your No 78 R. & of 15th January 1898, I am directed to forward for sanction a revised estimate for surveying the proposed route from Erode to Nanguneri amounting to Rs. 25,281. of the cost of the Erode - Nanguneri Survey. Copies of the marginally noted letters are enclosed explanatory of the causes which have led to the necessity for this revised estimate.

Put estimates at places marked "omit" in Chief Engineer's letter & copy my marginal note on A's letter. This before issue should go to E.R. for certificate. J.P. 16.8.98

- Extracts from
- Letter No 83990 dt 30th July 1898 from Chief Engineer to Agent S.P.R.
 - Letter No 716 dt 2nd August 1898 from Agent to Consulting Engineer.
 - Letter No 98 dt 16th July 1898 from Consulting Engineer to A.
 - Letter No 754 dt 13th August 1898 from A to E.R.



C.R.

For favour of remarks

For E.R.

E.R.

Draft application for sanction to the Revised Estimate for the Erode Nanguneri Survey is in order & may issue

22/8/98

Issue under 2111-1-1898

South Indian Railway Co. (Ld)
 Erode Nangunode Railway Survey
 ? Estimated length 110 miles
 Revised Estimate for the Preliminary Survey

	Rs	Rs	Rs
<u>Survey Expenses</u>			
Clearing jungle and other expenses in the field }		1,000	
Cartage Stationery and other contingent charges }		2,000	
			3,000
<u>Plant</u>			
<u>Tents</u>			
3 Hill tents	903		
2 Campaign tents	150		
17 Servants Pals	636		
	50%	1689	
Less value on completion of work. at 5%	844		
			845
<u>Instruments</u>			
6 Theodolites	767		
4 Levels	329		
2 Levelling staves	80		
2 Compasses Prismatic	81		
1 Compass Magnetic	7		
2 Boxes instruments Mathematical	99		
2 Edges straight steel	22		
1 Aneroid Barometer	23		
Other items of Plant	1,000		
	2,408		
Less value on completion of work. at 75%	1,806		
			602
			1,447
			4,447
			Carried over

	Brought forward	Rs	Rs	Rs
Establishment,				4447
Salaries and Allowances				
1 Asst. Insr. Feby to November 1898 at Rs 533 including Exchange Comp Allowee		4925		
1 Asst. Insr. April to Nov 1898 @ Rs 500		3650		
1 Engineering Asst - do - at Rs 250		2000		
1 do do at Rs 175		1266		
1 Surveyor do at Rs 135		1080		
1 Surveyor do at Rs 85		605		
3 Apothecaries (1 from March to May '98, 1 for March & April & 1 from May to Nov '98) at Rs 50		4444		
3 Clerks (1 from Feby to May '98 and 2 from May to Nov '98 at Rs 40 & 30		608		
32 Lascars		1956		
Travelling and other allowances		4300		
				20834
			Total Rupees	25281

Chf Engr's office
 Trichinopoly
 11 Aug 1898

/Sd/ T. H. Le Mesurier
 for Offg Agent

/Sd/ Jm Rice
 Offg Chf Insr

Public Works (1898) Department.

Railway
CURRENT No. 1105



~~B~~ A.

88015

5222

Copy of Rs was
sent to Press on 1/10/98
2/10/98

From

The Govt of India

Order No. 1172 by dated the 26th Sept 98.

Recd G.O. 135 R. dated 24th Jan. 98. 5209

- Line {
- .. letter from Agent S.I.R.G. No. 757 dated Aug 13th 98. 5235
 - .. letter to Govt of India No. 1095 R. dated 27th Aug 98. 5237
 - .. letter from Govt of India No. 1354 R.C. dated 16th Sept. 98.

No. 1354 R.C.

Dated 16th September

Received

Registered

Enclosures

Spare copies

SUBJECT.

Expend. - Nanganagode
Railway Survey

Sanctioning with
remarks, the revised
estimate of the cost of
the — amounting to
Rs. 25281.

Order.

Commenced to the Agent S.I.R.G. for

information and guidance.

F.R.S.
R. 25/9/98

To. Agent S.I.R.G. ✓

.. Exam. G.R. Dept. ✓

.. Com. Secy. Madras ✓

Despatched on 27/9/98

JOINT SECRETARY TO
RECEIVED
22 SEP. 1898
GOVT. OF MADRAS EYS.

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
RAILWAY CONSTRUCTION.

The Joint Secretary to the Government of Madras,
Public Works Department, Railway Branch.

Sir,

will

will be awaited.

I have the honour to be,

Sir,

Your most obedient servant;

C. F. Cole

Offg: Under Secretary.

Documents accompanying:-

Nil.

6011