

Public Works (1897) Department.

G.O., No. 697-98 R

DATED 21st September.

697-98 P. W. D Railway
21-9-1897

~~799/8~~
G.O. 697-98 21-9-1897

Rest ocd on
22-12-5380

[Despatch Abstract.]

Calicut Cannanore Extension of the Madras Rail-
way: Ordered that the Govt of India be addressed
on the subject of the detailed estimate of the cost
of location of, and preparation of land plans
for, the —.

Calicut Cannanore Extension of the Madras Railway:

Submitting ^{with perambles} the detailed estimate of the cost of location
of, and preparation of land plans for, the — working
up to Rs. 15,524 or Rs. 524 in excess of the grant
recently allotted ~~Calicut Cannanore Extension of the Madras Railway~~
and requesting that sanction to the Survey esti-
mate be communicated by telegraph.

29/9/97

29/9/97

29/9/97

Government { 1897 } of Madras.
PUBLIC WORKS.

} 1897.

Spare copies

G.O., No. 697 R., 21st September 1897.

SEPTEMBER.

Calicut-Cannanore Extension of the Madras Railway

Ordered that the Government of India be addressed on the subject of the detailed estimate of the cost of location of, and preparation of land plans for the —.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read the following papers:—

From the Acting Agent and Manager, Madras Railway Company, to the Officiating Consulting Engineer for Railways, dated Madras, 7th September 1897, No. 9075/853.

With reference to your letter, No. 2765 of 25th August 1897, I have the honour to submit the estimate for the final location of the line of the Calicut-Cannanore extension and for the preparation of the land plans in respect of the allotment of Rs. 15,000.

2. The Acting Chief Engineer points out that it is extremely doubtful if this amount will cover the cost of the staking out the land from Calicut to Mahé, as well as the re-survey from Mahé to Cannanore, and the new survey of the portion from Cannanore to Baliapatam.

3. I would suggest that it would be far more satisfactory if the final revised estimate as already submitted could be sanctioned in its entirety on the understanding that those portions which were indicated by you on your recent inspection as requiring further investigation should be left untouched until their final alignment had been approved of by you.

ENCLOSURES.

CALICUT-CANNANORE RAILWAY SURVEY (FINAL LOCATION).

GENERAL ABSTRACT ESTIMATE.

Main and Sub-heads.	Abstract.	
	Sub-head. RS.	Main head. RS.
<i>Preliminary Expenses.</i>		
I. Survey Expenses—		
(a) Field expenses	...	3,720
(b) Office expenses	...	810
II. Plant—		4,530
(a) Tents	...	2,118
(b) Furniture	...	493
(c) Instruments	...	493
(d) Tools	...	162
III. Establishments	...	3,266
		10,176
Deduct anticipated credits for instruments, tents, &c.	...	17,972
		2,448
Net estimated cost of the survey	...	15,524

I. SURVEY EXPENSES.

Description of work.	Quantity.	Units.	Rate.	Amount.
<i>(a) Field Expenses.</i>				
Lockspitting	59	Miles.	Per mile.	RS.
Pegs, large	500	No.	8	1,770
Do. small	5,000	"	4	40
Mallets	10	"	1	200
Compensation for crops on new surveys	15	Miles.	Per mile.	750
Cart-hire, 5 carts for tools, &c.	90	Days.	Per diem.	450
Coolies, jungle cutting	90	"	5	450
Rope, strings, &c.	..	"	20	20
Cloth for flags	..	"	10	10
Paint	..	"	10	10
Nails, screws	..	"	..	..
Total, (a) Field Expenses	..	..	..	3,720
<i>(b) Office Expenses.</i>				
Stationery	3	Months.	Per month.	75
Forms, books, &c.	3	"	50	225
Paper, double elephant	3	Quires.	Each.	15
Do. mounted	3	Rolls.	"	45
Tracing cloth	12	"	40	120
Section paper	3	Quires.	"	15
Drawing pins, colour pencils, rubbers, &c.	..	"	20	60
Total, (b) Office Expenses	..	..	..	30

II. PLANT.

(a) Camp Equipage.

Description.	Quantity.	Unit.	Rate.	Amount.	Carriage.	Total.
Tent, large	1	Each.	RS. 400	RS. 400	62	RS. 462
Do. office	1	"	300	300	42	342
Do. small	4	"	153	612	84	696
Do. lascar	5	"	50	250	35	285
Do. necessary	5	"	30	150	23	173
Do. baggage	5	"	28	140	20	160
Total, (a) Camp Equipage	..	..	..	1,852	266	2,118

(b) Furniture.

Description.	Quantity.	Unit.	Rate.	Amount.
Table, drawing	2	No.	Each.	RS. A. P.
Do. office	2	"	"	25 0 0
Do. do.	4	"	"	30 0 0
Chairs	10	"	"	10 0 0
Stools	4	"	"	3 8 0
Stationery chests	2	"	"	3 0 0
Cash safe	1	"	"	20 0 0
Plan boxes	1	"	"	50 0 0
Camp boxes	3	"	"	10 0 0
Despatch boxes	6	"	"	6 0 0
Medicine chest (full)	2	"	"	20 0 0
Lanterns	6	"	"	6 0 0
Padlocks	12	"	"	2 0 0
Total, (b) Furniture	..	..	..	493

(c) Instruments.

Description.	Quantity.	Unit.	Rate.	Amount.
			rs.	rs.
Theodolites	No. 2			
Levels	" 2			
Level staves	" 4			
Ranging rods	" 40			
Drawing boards	" 4			
Parallel ruler, of sizes	" 3			
Chains with arrows (100 feet)	" 2			
Compass, prismatic	" 1			
Umbrellas	" 5	Each.	50	50
Instrument boxes, 1st class	" 1	"	10	50
Do. 2nd "	" 2	"	50	50
Do. 3rd "	" 2	"	40	80
Stencil plates	Set. 1	"	20	40
Steel and electrum long ruler	No. 3	"	25	25
Parallel ruler, of sizes	" 1	"	10	30
Tape 100 feet steel	" 4	"	16	16
Do. metallic	" 4	"	16	64
Two feet rulers	" 3	"	6	24
Chain with arrows (100 feet)	" 1	"	2	6
Curves	Box. 1	"	12	12
Set squares	" 1	"	30	30
			16	16
Total, (c) Instruments	..	..	..	493

(d) Tools.

Description.	Quantity.	Unit.	Rate.	Amount.
			rs.	rs.
Mamooties	No. 24	Each.	1	24
Picks	" 12	"	1	12
Shovels	" 6	"	2	12
Axes	" 24	"	3	72
Crowbars	" 6	"	3	18
Hammers, of sizes	" 6	"	3	18
Brands	" 2	"	3	6
Total, (d) Tools	..	..	..	162

III. ESTABLISHMENT.

Designation.	Monthly salary of office.	Amount per month.	Amount for three months.
	rs.	rs.	rs.
1 Engineer-in-Chief	1,200	1,200	3,600
1 Executive Engineer	500	500	1,500
2 Surveyors	150	300	900
2 Do.	100	200	600
4 Clerks	100 and under.	200	600
3 Draftsmen	Do.	150	450
4 Peons	"	32	96
30 Lascars	"	8	270
Travelling allowances to Engineers	9	300	900
Do. to Upper Subordinates	"	240	720
Total, Establishment	..	3,392	10,176

From the Officiating Deputy Secretary to the Government of India, Public Works Department (Account—Railway), to the Officiating Joint Secretary to the Government of Madras, Public Works Department, Railway Branch, dated Simla, 14th September 1897, No. 467 A./R.

In continuation of Government of India, Public Works Department, letter No. 1279 R./C., dated 4th August 1897, I am directed to convey the sanction of the Government of India to a formal allotment of Rs. 15,000 under the head "41. Miscellaneous railway expenditure" to meet immediate needs in connection with the location of the Calicut-Cannanore branch line during the current financial year.

2. The outlay incurred against this temporary grant will be subject to adjustment hereafter against the Madras Railway Company's capital.

3. The expenditure will be under the audit of the Examiner of Guaranteed Railway Accounts, Madras.

ORDER—No. 697 R., dated 21st September 1897.

The Government of India will be addressed.

[Here enter No. 698 R., dated 21st September 1897.]

(True Extract.)

(Signed) F. J. E. SPRING,
Offg. Joint Secy. to Govt.,
Railway Branch.

To the Consulting Engineer for Railways.
" Agent and Manager, Madras Railway.
" Examiner, Guaranteed Railway Accounts.

RAILWAY.

Government {1897} of Madras.
PUBLIC WORKS.

Recd.

Regd.

} 1897.

Enclosures

Spare copies

Letter, No. 698 R., 21st September 1897.

SEPTEMBER.

Calicut-Cannanore Extension of the Madras Railway

Submitting, with remarks, a detailed estimate of the cost of location of, and preparation of land plans for the — working up to Rs. 15,524, or Rs. 524 in excess of the grant recently allotted, and requesting that sanction to the survey estimate be communicated by telegraph.

No. 698 R., 21st SEPTEMBER 1897.

PUBLIC WORKS DEPARTMENT.

Railway.

LETTER—from

F. J. E. SPRING, Esq., C.I.E.,

Offg. Joint Secretary to the Government of Madras,

Public Works Department,

Railway Branch,

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,

PUBLIC WORKS DEPARTMENT.

SIR,

In continuation of the Proceedings of this Government, Nos. 695-96 R., dated the 21st September 1897, I am directed to acknowledge the receipt of your letter, No. 467 A./R., dated the 14th September 1897, and with reference thereto, to submit a detailed estimate of the cost of location of, and preparation of land plans for the Calicut-Cannanore extension of the Madras Railway, working up to Rs. 15,524, or Rs. 524 in excess of the grant recently allotted.

2. I am to inform you that though the Chief Engineer, Madras Railway, considers that the grant of Rs. 15,000 will barely cover the cost of location and resurvey, this Government does not recommend any increase of the grant at present.

3. I am to request that sanction to the survey estimate may be communicated by telegraph.

I have the honour to be,

Sir,

Your most obedient servant,

Offg. Joint Secretary to Govt.,
Railway Branch.

OOTACAMUND,
21st September 1897.

Exd. T. K. Narayana Aiyangar

Calicut-Cannanore Railway Survey (Final location)
General Abstract Estimate

Main and Sub Heads	Abstract	
	Sub Head	Main Head.
Preliminary Expenses		
I. Survey Expenses		
(a) Field Expenses	3,720	
(b) Office Expenses	810	4,530
II Plant		
(a) Tents	2,118	
(b) Furniture	493	
(c) Instruments	493	
(d) Tools	162	3,266
III Establishments		10,176
		17,972
Deduct-anticipated credits for Instruments, tents &c		2,448
Net Estimated Cost of the Survey		15,524

Madras Railway Company
Chief Engineer's Office
Madras 3rd Sept 1897

Sd/- H. J. Thompson
Ct. Chief Engineer

Cahoon Cannanore Railway Survey (Final location)

I Survey Expenses

(a) Field Expenses

(b) Office Expenses

Description of work		Quantity	Units	Rate	Amount
Lockspitting	Miles	59	Per mile	30	1770
Pegs Large	Nº.	500	100	8	40
do Small	"	5000	100	4	200
Mallets	"	10	Each	1	10
Compensation for Crops on new Surveys	Miles	15	Per mile	50	750
Cart hire & carts for tools &c	Days	90	Per diem	5	450
Cookies - jungle Cutting		90	"	5	450
Rope Strings &c				20	20
Cloth for flags				10	10
Paint				10	10
Nails Screws				10	10
Total (a) Field Expenses					3720
Stationery	Months	3	Per month	75	225
Forms Books &c	"	3	"	50	150
Paper Double Elephant	Guineas	3	Each	15	45
do Mounted	Reals	3	"	40	120
Tracing cloth	"	12	"	15	180
Section paper	Guineas	3	"	20	60
Drawing pens, Color pencils putters &c					30
Total (b) Office Expenses					870

Calicut Cannanore Railway Survey (Final location) /
 II Plant (a) Camp Equipage 6
 (b) Furniture

Description	Quantity	Unit	Rate	Amount	Carriage	Total
Tent Large	No	1	Each	400	62	462
do Office	"	1	"	300	42	342
do Small	"	4	"	153	84	696
do Lancers	"	5	"	50	35	285
do Necessary	"	5	"	30	23	173
do Baggage	"	5	"	28	20	160
Total (a) Camp Equipage				1832	266	2118

Description	Quantity	Unit	Rate	Amount
Table Drawing	No	2	Each	25
do Office	"	2	"	30
do do	"	4	"	10
Chair	"	10	"	3 8
Stools	"	4	"	3
Stationery Chests	"	2	"	20
Cash Safe	"	1	"	50
Plan boxes	"	3	"	10
Camp boxes	"	6	"	6
Despatch boxes	"	2	"	20
Medicine Chest (full)	"	2	"	20
Lanterns	"	6	"	6
Padlocks	"	12	"	2
Total (b) Furniture				493

working

up

Calicut-Cannanore Railway Survey (Final location)

II Plant

(C) Instruments

Description	Quantity	Unit	Rate	Amount
Theodolites	No. 2			
Levels	" 2			
Level staves	" 4			
Ranging rods	" 40			
Drawing Boards	" 4			
Parallel ruler gages	" 3			
Chains with arrows (100 ft)	" 2			
Compass Prismatic	No. 1	Each	50	50
Umbrellas	" 5	"	10	50
Instrument Boxes 1 st Class	" 1	"	50	50
do 2 nd do	" 2	"	40	80
do 3 rd do	" 2	"	20	40
Stencils Plates	Set 1	"	25	25
Steel and Electro-plate long rulers	No. 3	"	10	30
Parallel ruler gages	" 1	"	16	16
Tape 100 feet steel	" 4	"	16	64
do Metallic	" 4	"	6	24
2 feet Rulers	" 3	"	2	6
Chain with arrows (100 ft)	" 1	"	12	12
Curves	Box 1	"	30	30
Set squares	" 1	"	16	16
Total (C) Instruments				493

on loan from Madras Railway

5

Calicut Cannanore Railway Survey (Final location)
II Plant (d) Tools

Description		Quantity	Unit	Rate		Amount	
Machetes	N ^o .	24	Each	1	.	24	.
Picks	"	12	"	1	.	12	.
Shovels	"	6	"	2	.	12	.
Axes	"	24	"	3	.	72	.
Crow bars	"	6	"	3	.	18	.
Hammers of sizes	"	6	"	3	.	18	.
Brands	"	2	"	3	.	6	.
Total (d) Tools -						162	.

Calicut Cannanore Railway (Final location)

III Establishment

Designation	Monthly Salary of Office	Amount per month	Amount for 3 months
1 Engineer-in-Chief	1200	1200	3600
1 Executive Engineer	500	500	1500
2 Surveyors	150	300	900
2 do	100	200	600
4 Clerks	100 + under	200	600
3 Draftsmen	do	150	450
4 Peons	8	32	96
30 Lancers	9	270	810
Travelling allowances to Engineers		300	900
do Upper Subordinates		240	720
Total Establishment		3392	10176

(Sd/ Harry J. Thompson)
Ag. Chief Engineer

Enclosed: Current By Special messenger
(No. 1)
No. 9075

MADRAS RAILWAY.

AGENT AND MANAGERS' OFFICE,

Madras, 7th September 1897



The Agent and Manager,
M.R.C.

The Offg. Consulting Engineer for Railways,
Madras.

Sir,

With reference to your letter
No. 2765 of 25th August 1897, I have the
honour to submit the estimate for the
final location of the line of the Calicut
- Cannanore Extension and for the
preparation of the land plans in respect
of the allotment of Rs 15,000/-

2. The Acting Chief Engineer points
out that it is extremely doubtful if this
amount will cover the cost of the staking
out the land from Calicut to Mahé, as
well as the re-survey from Mahé to
Cannanore, and the new survey of the
portion from Cannanore to Baliapatam.

is given
working
up

Cont. Engrs Current No 3888 No 604 D. 2/19/67
Public Works (1897) Department.

All communications

Current No: 9659

2

3. I would suggest that it would be far more satisfactory if the final Revised Estimate as already submitted could be sanctioned in its entirety on the understanding that those portions which were indicated by you on your recent inspection as requiring further investigation should be left untouched until their final alignment had been approved of by you.

India
I have the honour to
Sir,
Your most obedient servant,

Henry Cloest.
Ag. Agent + Manager.

in the
working



From
MADRAS RAILWAY.
To
The Agent and Manager.
The Consulting Engineer
for Railways.
No. 188
Dated
Recd.

All communications
should be addressed
to the Secretary.

Cons. Engr's Current No 3888
No 6972, date 6/2/97

Public Works Department

Current No: 9659

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT. Regd. 28. 9. 97
ACCOUNT.
Railway

THE JOINT SECRETARY TO THE GOVERNMENT OF MADRAS,
Public Works Department,
Railway Branch.

Dated the 14th September 1897

SIR,

In continuation of Government of India Public Works

Department letter No. 1579-L/C, dated 4th August 1897,

directed to convey the sanction of the Government of India
formal allotment of Rs 15,000/ under the head "41 Miscellaneous
Railway expenditure to meet immediate needs in connection with
the location of the Calicut-Cannanore branch line during the
current financial year.

2. The outlay incurred against this temporary grant will
be subject to adjustment hereafter against the Madras Railway
Company's Capital.

3. The expenditure will be under the audit of the Exam-
iner of Guaranteed Railway Accounts, Madras.

I have the honour to be,
Sir,
Your most obedient
servant

15-9-97
Sgt & Agent
C.H.

Coast Engrs Current No 3888
(R.) Form No. 3. *Urgent*
No 697 R. date 12/1/97
PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

H.E. the Governor
Hon: Sir H. M. K. C. E.
Hon: Sir J. E. C. E.

Read the following

Letter from the Agent } H.E. No. 9075 of 7 Sept 1897
+ Manager Madras Ry } 833
Letter from the Govt: 47 } 467 A.R. of 14 Sept 97
India P. W. Depts. } The Government of

To the Comptroller for Ry } India will be addressed..
- Agent & Secy: Madras Ry }
- Exp & Ry: Audit }
H.E. No 698. R. of 12 Sept 1897
To the Secy: to the Govt: of India
P. W. Depts.

RD
20/9/97

Sir,

In continuation of
the Proceedings of this Govt.
No 695-96. A. of 22 Sept: 1897. I
am directed to ^{acknowledge the receipt of your letter} forward a
No. 467 A.R. dated the 14th Sept 97. with reference thereto, & submit
a detailed estimate of the cost
of location of, and preparation
of land plans for, the Calicut
Cannanore Extension of the
Madras Railway, working

20/9/97

15/9/97
20/9/97

Coast. Engrs' Current No 3888
(R.) Form No. 3. *Urgent*
No 697 R. dated 6/2/97
PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

H.E. the Governor
Hon: Sir H. Bliss K.C.B.
Hon: Sir J. G. G. C.B.

10
Read the following

Letter from the Agent
+ Manager Madras Ry } H.E. No. 9075 of 7 Sept 1897
833

Letter from the Govt: India P. W. Dept. } " " 467 A.R. of 14 Sept 97

To the Comptroller of the Public Works } India will be addressed.

H.E. No 698 R. of 7 Sept 1897

The Secy. to the Govt. of India
P. W. Dept.

Sir,

In continuation of
the Proceedings of this Govt.
No 695-96 A. of 21 Sept 1897. I

am directed to ^{acknowledge the receipt of your letter} ~~forward~~
No. 467 A.R. dated the 14th Sept 97. with reference thereto, to submit
a detailed estimate of the cost.

of location of, and preparation
of plans for, the Calicut
Cannalore Extension of the
Madras Railway, 1000 ft.

RD
20/9/97

20/9/97

15/9/97
22/9/97

up to Rs 15,524 or Rs 524
in excess of the grant ^{presently allotted.}
~~paid in part 2 pags. 1897~~
~~Rs 1275 P.C. of 1. 1. 1897~~

2. I am to inform you
that through the Chief
Engineer Madras Railway
considers that the grant
of Rs 15,000 will barely cover
the cost of location and
survey, this Government
does not recommend
any increase of the grant
at present.

3. I am to request that
sanction to the survey
estimate may be com-
municated by telegraph.

F.P.S.

17/9/97

Despatched on 24.9.97

Documents accompanying:-

Estimate referred to

35

17/10/95

No 697-98.R dated 21/9/97

at the
of the
the
in
date