

Public Works (1895) Department.

RAILWAY BRANCH.

G.O., No. 633 R

DATED 1st October

[Despatch Abstract.]

Tinnevely. Quilon Railway

Letter to the Govt of India reporting that the total estimated cost of the — 103.33 miles in length, is Rs 1,01,62,018 or Rs 98,345 per mile.

[illegible]

G.O.	No.	Department.	Date.

USC

TCC
19/1/82

Yor
604
10281
27/11/14
10

No. 175 P.C.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

Railway Construction.

All communications
should be addressed to
the Secretary.

To

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

Simla, the 10th August 1894.

Sir,

With reference to the correspondence marginal-

-----	ly quoted
Govt. of I. letter No. 661 R.C. dated 25-7-1894	on the
" " " No. 722 R.C. dated 31-7-1894	subject of
" " " No. 578 R.C. dated 27-8-1894	the con-
-----	struction

of the following proposed lines of railway:-

- (1) Arsikere, via Hassan, to Mangalore.
- (2) Tinnevelly-Quilon.
- (3) Madura-Paunben.

I am directed to inform you that the Government of India propose to have the necessary detailed surveys for these projects carried out this cold weather.

2. I am accordingly to request the submission of separate estimates of the cost of making detailed surveys, and preparing approximate estimates of the cost of each of the railways in question; and to suggest that, with the permission of His Excellency the Governor of Madras in Council Mr. J. I. Shadbolt, Engineer-in-Chief of the Bezvada-Madras

Railway

6365

Railway Survey, may be called upon to prepare the needful estimates, which should show separately for each project

- (i) the total cost of the detailed survey;
- (ii) the expenditure to be incurred on field work during the current year up to the 31st March 1895; and
- (iii) the further expenditure to be incurred in preparing the projects in recess during the hot weather of 1895.

3. I am to add that if it is eventually decided to carry out the surveys, a second Engineer-in-Chief and staff will be placed at your disposal as it would seem advisable to carry out the Arsikere-Mangalore survey by a separate staff.

4. The results of the further reconnaissance undertaken by the Mysore Durbar, and referred to in Mr. Groves report page 25 of Madras Government Proceedings 1894 R. dated 10th March 1894,

for a railway from Mysore to Mangalore, as well as of the detailed location survey from Arsikere to Hassan, which it is understood is now being made by the Durbar, are not known to the Government of India, but doubtless they will be taken into consideration in framing the estimates of the work now called for.

I have the honour to be,

Sir,

Your most obedient servant,

L. P. Richards

Offr. Under Secretary.

Recd. 27.8.94

Documents also received:-

Nil.

CO

N^o 967 D of 6 - 9 - 77

E. H. H. Holt 20

Eng. in Chief
Beyrute Indian Ry
Jerdley

His Excellency the Governor

Gen. W. B. Lins

Gen. W. B. Lins

25/8/94
29 Aug

I thought estimates for the Timmilly -
Quilon & the Madras-Bombay
lines had been prepared years ago.
But suppose only rough surveys &
rough estimates were then made

They were approximate
estimates only - that for the
northern route from Timmilly
Rail to Quilon by the route
indicated by experience is not
considered reliable

Free
2/10/94

In reply to your letter 650
of 2nd Aug. 94 asking for
orders for the disposal of
your staff after the end of
October - the date you
request to complete the
Beyrute - Indian Ry pro-
ject - I am directed
to forward a copy of
letter 775 R.C. of 18/8/94
and to inform you that
all papers necessary for
you to prepare the estimates
called for, will be for-
warded to you

Free
2/8/94

And 40798 R.C. of 24/8/94

Free
3/9/94

8/6/9

Es 1040 D of 14 September/94

21

i. Masikere-Hassam-
Mangalore Railway

St 2042-44 R. of 20 August 1892
St 618 R. of 23rd March 1893
— 818 R — 6th May 1893
— 152 R — 10th March 1894

ii. Emmavally-Triton Rly

St 368 R -- of 6th June 1892
— 168 R — of 23 Feb. 1893
— 1018 R — of 22 Sept. 1893
— 1383 R — of 6 Decem 1893
— 784 R — of 29th July 1894
— 486 R — of 17th June 1896
— 437 R — of 18th June 1897
— 1148 R — of 22 October 1897
— 1342 R of 9 Septem. 1890

iii. Madura Tamban Rly

St 1109 of 4th April 1877
— 177 R of 23 Febem 1881
— 1341 W of 28th May 1881
— 462 R of 10th June 1886
— 648 R of 18 August 1886
— 472 R of 7th July 1887
— 2295 W of 23rd August 1890
— 2688 W of 14 October 1890.

Y

E. S. Shadbolt Esq.
Engineer-in-Chief
Madura-Madras Rly

Sir,

In continuation of
my Letter No. 967 R, dated
6th September 1894 I
am directed to forward
herewith, for perusal &
return, the L. O. noted
in the accompanying list

① R. 1) 25/11/94 (R) 7 R. 2

12 p.m. Copy of Report of T. R. Esq.
submitted to the Manager
S. P. Esq. on 24.11.94.

2. S. C. Esq. 25/11/94
R. 11

Cr 29/10/94 R. 11/9/94

Wire ordinary. thro'
Political Department

The Govt. India ask
early decision of ^{whether} Dur-
bar will bear whole
cost of Guinsvelly
Dunlop Survey which
will cost about 65
thousand for the northern
and 60 thousand for
the southern route

Thrupcott

24
994

To *Madras* From *Madras*

1/2/16 21 18 16

To *Madras Works* From *Works*
Railway

914 R C applied
 722 R C Automatic
 these wire as soon
 as it is known
 whether transference of bar
 is proposed to bear
 whole cost of tunnelling
 or on survey when
 may be expected

- (1) my letter was dated as follows
- (2) 31st July last

MADRAS 22-9-94

*thousands for the southern
 route.*

To The Political Department

*circd
 26/9/94*

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

Telegram from the Govt. of India P. W. Depto. - N.E. No. 914 R.C. of 21st Sept 94

The following telegram will be despatched to the Resident in Travancore & Cochin through the Political Department:-

4867 Govt. Proceedings 6036 of 30th August. The Government of India ask early decision whether Durbar will bear whole cost of Trimmally Quilon Survey which will cost about 65 thousand for the northern and 60 thousand for the southern route.

circd
26/9/94

To The Political Department

No. 7140

Recd: 22.9.94

From

THE ENGINEER-IN-CHIEF,

BEZWADA-MADRAS RAILWAY SURVEY,

To

The Joint Secretary

Public Works Department Railway Branch
Dated Kallivakkom, the 28th September 1894.

Sir

With reference to Government of India P.W.D. No. 475 R.C. dated 18th August 1894 forwarded with your No. 967 D dated 6th September 1894. I have the honor to submit the estimates called for in para 3 for the following lines of railway.

1. Proseri to Mangalore
2. Madura to Pambien
3. Tiruvelli to Quilon - Northern Route
4. " " " Southern "

2. With regard to the line from Tiruvelli to Quilon I gather from the papers forwarded with your No. 1040 D dated 14th September 1894 that there is great difference of opinion as to the route to be adopted and so I have submitted separate estimates for surveys of the Northern and the Southern routes.

Enclosures

(4)

I have the honor to be

Your most obedient servant
E. J. Shaubolt

F. D. C. 111.1 No. 8196

Negs: 7.11.94

Tinevelly-Duilon Railway Survey.

Northern Route 106 Miles

Tinnevely-Quilon Railway Survey Northam Route

Note on Estimate for detailed Survey 1894-95.

This estimate provides for the detailed Survey of a line from Tinnevely to Quilon via the Ariakavū Pass.

It is based on information contained in several Orders of the Government of Madras issued at various times from 1882 to 1890.

Preliminary Surveys have been made both of this route and of a Northam route via the Aramboli Pass and, while the former has, so far, been unmistakably preferred by the Travancore Government, the latter is strongly advocated by the authorities of the South Indian Railway.

The length of the Northam Route is 106 miles of which about 47 miles lie within British Territory and 59 miles within the limits of Travancore. It is considered that the work can be conveniently carried out by distributing it between two Divisions. The Ghat Division will be 52 miles in length and will include the hills in the middle with a few miles of easy country on each side. The other Division will be made up of two detached sections having a length of 45 miles on the east and 29 miles on the west of the hills, a total of 74 miles.

The strength of the required staff will be as below.

Ghat Division

1. Executive. 1 Assistant & Subordinates

Plain Division

1 Executive. 1 Assistant. 3 Subordinates

It is assumed that the Engineer-in-Chief will have charge of both this Survey and another by the Southam Route and only half the charges connected with his establishment are included in this estimate.

Dated Coonoor - the
28th September 1894

E. J. Shackleton
Engineer-in-Chief
S. M. R. Survey

Tinevelly-Zulon Railway Survey.
Northern Route 106 Miles

General Abstract Estimate

Heads of Account	Totals		Per Mile		Budget	
	Sub.	Main	Sub.	Main	94-95.	95-96
I. Survey Expenses		14,800		139	10,000	4,800
(a) Field Expenses	12,700		120			
(b) Office — " —	2,100		19			
II. Plant.		4,000		38	11,000	-7,000
(a) Camp Equipage	4,200		40			
(b) Furniture	1,000		9			
(c) Survey Instruments	4,200		40			
(d) Drawing — " —	.600		6			
(e) Tools.	1,000		9			
Gross Total	11,000		104			
Credits Anticipated	- 7,000		- 66			
Net Total	4,000		38			
III. Establishment.	53,800	53,800		507	26,000	27,800
Cost of Survey 106 Miles		72,600		684	47,000	25,000

Note.

It is assumed that the Engineer-in-Chief will have charge of the surveys of both the Northern and Southern routes. The charges connected with his Establishment are divided between the two estimates.

Dated Coonoor }
the 20th Sept 1894 }

- S. S. Strachan -
Engineer-in-Chief
Bellary Survey

I. Survey Expenses.

Description		Quantity	Rate	Per	Amount.
			Rs.		Rs.
<u>(a) Field Expenses.</u>					
1.	Pegs, Common (60 per mile)	7000	5	100	350
2.	" Large (8 " ")	900	16	100	144
3.	" braided (8 " ")	900	16	100	144
4.	Building Pillars (3 " ")	350	3	each	1.050
5.	Bench Marks. (2.5 per mile)	300	8	.	2.400
6.	Lockspitting	120	10	.	1.200
7.	Skilled Labour (Carpenters, Smiths, etc 6. men @ Rs 10/- each for 100 days)	100	9	day	900
8.	Small Stores (Nails, rope, string, tar, paint oil nails screws etc)				300
9.	Cart-hire (8 Carts @ Rs 1/- per day)	120	8	day	960
10.	Clearing land jungle	32	50	mile	1.600
	" " Open Country	74	5	mile	370
11.	Compensation for Crops.	70	20	.	1.400
12.	Boring, trial pits etc	100	12	day	1.200
					12.018
B. Contingencies					682
Total.....					12.700
<u>(b) Office Expenses.</u>					
1.	Stationery, Ordinary	10	100	month	1.000
2.	Ferius. Books etc	10	40	.	400
3.	Drawing Paper	5	15	.	75
4.	" Mounted	5	40	roll	200
5.	Tracing Cloth	8	15	roll	120
6.	Drawing Materials				100
7.	Maps.	50	2	Sheet	100
					1.995
B. Contingencies					105
Total.....					2.100

II. Plant

Description		Quantity	Rate	Per	Amount
(a) <u>Camp Equipage</u>			Rs.		Rs.
1	Tents, large	2½	500	each	1,250
2.	" " " " " "	3½	300	"	1,050
3.	" " " " " "	4½	150	"	675
4.	Shuldaris (large)	3	100	"	300
5.	Pots (small)	12	50	"	600
6.	Necessary Tents	4½	30	"	135
					4,010
7. Contingencies					190
Total					4,200
(b) <u>Furniture</u>					
1	Tables, drawing	1	40	each	40
2.	" " " " " "	4	20	"	80
3.	" " " " " "	1	30	"	30
4	" " " " " "	10	12	"	120
5	Chairs	14	4	"	56
6.	Stools	3	4	"	12
7.	Almirahs	1	40	"	40
8.	Record Boxes	8	10	"	80
9.	Despatch Boxes	2½	20	"	50
10.	Medicine chests	2	30	"	60
11.	Cash Safes	2½	100	"	250
12.	Trays Office	7	2	"	14
13.	Weighing Scales	½	10	"	5
14.	Padlocks	6	2	"	12
15.	Lanterns	5	4	"	20
					869
16. Contingencies					131
Total					1,000

II. Plant

Iluvetty-Qulon Railway Survey.
Northern Route 106 Miles

Description		Quantity	Rate	Per.	Amount
			Rs.		Rs.
<u>(C) Surveying Instruments</u>					
1	Theodolites	3	450	each	1,350
2	Levels.	6	250	.	1,500
3	Compasses, Prismatic	3	80	.	240
4.	Binooculars	3	20	.	60
5.	Plane Tables	2	30	.	60
6.	Chains, with arrows	6	12	.	72
7.	Staves, Levelling	12	20	.	240
8.	Umbrellas	9	6	.	54
9.	Tapes, Steel 100ft	2	16	.	32
10.	" Metalli	14	5	.	70
11.	Ranging Rods	90	3	.	270
12.	Rods 2ft.	4	3	.	12
					3,960
13. Contingencies					240
Total.					4,200
<u>(d) Drawing Instruments</u>					
1	Instrument box 1 st Class.	1	50	each	50
2.	" 2 ^d Class.	5	30	.	150
3	Curves	1 1/2	30	box	45
4.	Protractors (Card)	2	4	each	8
5.	Rulers, parallel of sizes	4	16	each	64
6	Straight Edge Steel	3	12	each	36
7.	Scales plotting	6	6	box	36
8.	" Architectural	1	6	box	6
9.	Six Squares	4	12	box	48
10.	Steel plates etc	1/2			40
					483
11 Contingencies					117
Total					600

e II Plant

Northern Route. 106 Miles

Description	Quantity	Rate Per		Amount
		No.	Rs.	
(e) <u>Tools.</u>				
1. Axes	1	20	each	20
2. Axes, felling	25	3	"	75
3. Axes, pick	26	2	"	52
4. Belends	1	30	"	30
5. Blacksmith's Tools	2	40	Set	80
6. Bars of tools	25	1	each	25
7. Bill hooks	25	1	each	25
8. Buckets	8	1	each	8
9. Brando	2	25	each	50
10. Carpenter's Tools	2	30	Set	60
11. Jack. Screw	2	40	each	80
12. Phorras	26	1	each	26
13. Saws	3	3	each	9
14. Wrenches	2	2	each	4
15. Boring Machine etc	1	400	Set	400.
				944
16. Contingencies				56
Total.				1,000

Description		No.	Months	Rate	Per	Amount.
1	Engineer-in-Chief	1/2	12	1100	monthly	6.600
2.	Executive Engineer	1	9	1000	"	9.000
3.	"	1	9	850	"	7.650
4.	Assistant Engineer	2	9	400	"	7.200
5.	Superintendents	2	6	150	"	1.800
6.	Overseers.	2	6	100	"	1.200
7.	Sub-overseers.	2	6	40	"	720
8.	Head Clerk. E.N.C.	1/2	12	120	"	720
9.	Executive Engineer	2	6	76	"	840
10.	Clerks.	1	2	50	"	600
11.	Draftsmen	1	12	80	"	960
12.	Trainers.	3	4	40	"	480
13.	Jamadar.	4	6	15	"	360
14.	Peons	9	8	8	"	576
15.	Mhallasas	95	6	8	"	4.560
	Travelling Allowances.					
16.	Engineers	4 1/2	6	150	"	4.050
17.	Subordinates	9	6	50	"	2.700
18.	Office Rent	1/2	12	100	"	.600
19.	Audit charges.	1/2	12	100	"	.600
						51.216
20.	Contingencies.					2.584
Total.						53.800

Tinnevely-Quilon Railway Survey Southern Route.

Note on Estimate for detailed Survey 1894-95

This estimate provides for the detailed Survey of a line from Tinnevely to Quilon via Aramboli near the southern extremity of the Western Ghats.

It is based on information contained in General Orders of the Madras Government issued at various times from 1882 to 1890.

A preliminary Survey of this route was made in 1882 by the authorities of the South Indian Railway who are strongly in favour of its adoption in preference to the Northern Route via Arankavre. The latter is, however, strenuously supported by the Travancore State and the question does not appear to have been finally settled.

The length of the Southern Route is 133 Miles of which 33 are in British Territory and 100 in Travancore. It is proposed to constitute two Divisions the eastern having a length of 64 miles and the western of 69 miles.

The Staff required for each Division would consist of 1 Executive, 1 Assistant, 2 Subordinates.

It is assumed that the Engineer-in-Chief would have charge of both this Survey and another by the Northern Route, and only half the charges connected with his establishment are included in this estimate.

Dated Coonoor the — }
28th September 1894 }

E. S. Shackleton.
Engineer-in-Chief
Railway Survey

Pinewell-Quilon Railway Survey.
Southern Route 133 Miles
General Abstract Estimate

Needs of account	Totals		Per Mile		Budget	
	Sub.	Main	Sub.	Main	94-95	95-96
<u>I. Survey Expenses.</u>		13.100		99	9.000	4.100
(a) Field Expenses.	11.000		83			
(b) Office Expenses.	2.100		16			
<u>II. Plant</u>		4.000		30	8.700	4.700
(a) Camp Equipage	3.600		27			
(b) Furniture	900		7			
(c) Survey Instruments	2.800		21			
(d) Drawing Instruments	500		4			
(e) Tools.	900		7			
Gross Total	8.700		66			
Credits anticipated	- 4.700		- 35			
Net Total	4.000		30			
<u>III. Establishment</u>	46.200	46.200		347	21.300	24.900
Cost of Survey, 133 Miles		63.300		476	39.000	24.300

Note.

It is assumed that the Engineer in Chief will have charge of the surveys of both the Northern and Southern routes. The charges connected with his establishment are divided between the two estimates.

-E. J. H. Abbott

David Coonrod
the 20th Sept 1894 }

Engineer in Chief
P. M. R. Survey

Inverclyde-Glasgow Railway Survey

Southern Route 133 Miles

Tinnevely-Railway Survey.

Southern Route 133 Miles

I. Survey Expenses.

Description	Quantity	Rate	Per.	Amount
(a) <u>Field Expenses.</u>		Rs.		Rs.
1. Pegs, Common (60 per mile)	8000	5	100	4/0
2. " Large (8 per mile)	1100	16	"	176
3. " Braided (8 per mile)	1100	16	"	176
4. Building Pillars (3 per mile)	400	3	each	1.200
5. Brushhedges (2.5 per mile)	350	6	"	2.100
6. Locks pitting	150	10	mile	1.500
7. Skilled Labour (Carpenters Smiths etc 4 men @ Rs 1/- each for 100 days.	100	4	day	400
8. Small Stores (Nails, rope, string, tar paint oil nails screws etc)				300
9. Cart hire (8 Carts @ Rs 1/- each per day)	100	8	day	800
10. Clearing Line	133	5	mile	665
11. Compensation for Crops.	60	20	"	1.200
12. Boring, trial pits etc days.	120	12	day	1.440
				10.357
13. Contingencies.				643
Total				11.000
(b) <u>Office Expenses.</u>				
1. Stationery ordinary	10	100	month	1.000
2. Forms. Books &c	10	40	"	400
3. Drawing Paper	5	15	quire	75
4. " Mounted	5	40	roll	200
5. Tracing Cloth	8	15	roll	120
6. Drawing Materials				100
7. Maps.	50	2	Sheet	100
				1.995
8. Contingencies				105
Total				2.100

Yinewelly-Quilon Railway Survey.

II Plant.

Southern Route 133 Miles

Description	Quantity	Rate	Per.	Amount
(a) <u>Camp Equipage</u>		Rs.		Rs.
1. Tent, large	2 1/2	500	each	1,250
2. " " "	2 1/2	300	"	750
3. " " "	2 1/2	150	"	375
4. Shuldaris	4	100	"	400
5. Pals	10	50	"	500
6. Necessary Tent	4 1/2	30	"	135
				3,410
7. Contingencies				190
Total				3,600
(b) <u>Furniture</u>				
1. Tables, drawing	1	40	each	40
2. " " "	4	20	"	80
3. " " Office	1	30	"	30
4. " " Camp	10	12	"	120
5. Chairs	12	4	"	48
6. Stools	3	4	"	12
7. Mirrors	1	40	"	40
8. Round Boxes	6	10	"	60
9. Despatch Boxes	2 1/2	20	"	50
10. Medicine chests	2	30	"	60
11. Cash safes	2 1/2	100	"	250
12. Drap. Office	7	2	"	14
13. Weighing Scales	1/2	10	"	5
14. Padlocks	6	2	"	12
15. Lanterns	5	4	"	20
				841
16. Contingencies				59
Total				900

Tiruvelli-Quilim Railway Survey.

II. Plant.

Southern Route 133 miles

Description	Quantity	Rate	Per	Amount
<u>(C) Surveying Instruments</u>				
1 Theodolites	2	450	each	900
2. Levels.	4	250	"	1000
3. Compass Prismatic	2	80	"	160
4. Binnoculars	2	20	"	40
5. Plane Tables	2	30	"	60
6. Chains with Arrows.	4	12	"	48
7. Staves, Levelling	8	20	"	160
8. Umbrellas.	6	6	"	36
9. Paper Steel. 100 ft	2	16	"	32
10. " Metallic	14	5	"	70
11. Ranging Rods.	40	3	"	120
12. Rules 2 ft.	4	3	"	12
				2638
13 Contingencies.				162
Total.				2800
<u>(d). Drawing Instruments</u>				
1. Instrument boxes 1 st Class.	1	50	each	50
2. " 2 ^d "	5	30	"	150
3. Curves.	1/2	30	box	15
4. Protractor	1	4	each	4
5. Rules parallel of sizes	3	16	each	48
6. Straight Edges Steel	3	12	each	36
7. Scales plotting	4	6	box	24
8. " Architectural	1	6	box	6
9. Set Squares.	4	12	set	48
10. Small plates etc	1/2			40
				421
11. Contingencies				79
Total.				500

Tinnevely-Quilim Railway Survey

II. Plant

Southern Route 133 Miles

Description	Quantity	Rate	Per	Amount
		Rs.		Rs.
(c) Tools.				
1. Axes	1	20	each	20
2. Axes, felling	15	3	"	45
3. Axes, pick	12	2	"	24
4. Beeswax	1	30	"	30
5. Blacksmiths' Tools	2	40	Set	80
6. Bars of iron	12	1	each	12
7. Bill hooks	15	1	"	15
8. Buckets	8	1	"	8
9. Brands	2	25	"	50
10. Carpenters' Tools	2	30	"	60
11. Jack, screw	1	40	"	40
12. Phaoras	12	1	"	12
13. Saws	2	3	"	6
14. Wrenches	2	2	"	4
15. Boring Machine	1	400	Set	400
				806
16. Contingencies				94
Total.				900

Tinnevely-Quilon Railway Survey.

III. Establishment

Southern Route. 133 Miles

Description	No.	Months	Rate	Per.	Amount
			Rs.		Rs.
1. Engineer-in-Chief	1/2	12	1100	month	6.600
2. Executive Engineer	2	9	850	"	15.300
3. " "					
4. Assistant Engineer	2	9	400	"	7.200
5. Supervisors	1	6	150	"	900
6. Overseers	1	6	100	"	600
7. Sub-overseers	2	6	40	"	480
8. Head clerk S.N.C.	1/2	12	120	"	720
9. " Executive Engineer	2	6	60	"	720
10. Clerks	1	12	50	"	600
11. Draftsmen	1	12	80	"	960
12. Tracers	3	4	40	"	480
13. Janitors	2	6	15	"	180
14. Rems.	5	8	8	"	320
15. Khallasas	45	6	8	"	2.160
Travelling Allowances					
16. Engineers	4 1/2	6	150	"	4.050
17. Subordinates	5	6	50	"	1.500
18. Office Rent	1/2	12	100	"	600
19. Audit charges	1/2	12	100	"	600
					43.970
* 20. Contingencies					2.230
Total.					46.200

SB No. 39 28/9/94

T No. 7967

25/9/94 No 672 Im Bell.
30/9/94 No 603 31

Current No. 1204

~~Halifax~~ Document

Telegram

From

The Resident in Travancore
and Cochin, Trivandrum

No.

Dated 28th Sept 1894

Received 29th —

Recd 1st Oct —

Enclosures

Refs: 20.10.94

SUBJECT.

Re Tinnevely Quilon
Survey.

End No 1978

Transferred to the Public Works
Department (Railway Branch)

A. M. M. M.
Under
Ag. Secy

C.S.
11*

Cotacornund
2 Oct 1894



Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following paper :—

INDIAN  TELEGRAPHS. *Monthly Number.*

From

cupine

Instruction

From

1. Copy

With Word 2000

Recd. from

4.2

1. ask

12

41. 1171

1174

1890. 4

00TACAMUND 23-9-54 Telegram Number.

Telegraph Master.

the 2 latter are in flat country - so that the amounts are moderate & may be accepted -

note on the estimate 132

Ex

Code
(Line)

INDIAN TELEGRAPHS.

Monthly
Number. 131

To

(Office)

From

(Office)

Words.

Day.

Hour.

Minute.

Official

Instructions.

To

(Person)

From

(Person)

Expect to have more made ready
available for use and hope
information may be furnished
before starting Sunday.

64 Word Form.

Recd. from

E.N.

Sent to

At

Recd.

Sent by

COTACAMUND 23-9-94

Telegraph Master.

are moderate & may be
accepted.

Note on the estimates
 In detailed surveys of
 1. Arakkere to Mangalore
 2. Trimmalelly to Kulkarni
 3. Madura to Pannabau

The expenses in chief relate
 into these as detailed in
 foot. of India 115 R.E. of
 18 Aug 94 -

(2) The cost of each survey
 is shown separately for
 field & office work as
 desired.

	Field	Office	Total
Arakkere - Mangalore	53,000	35,000	88,000
Trimmalelly - Kulkarni northern route	47,000	25,000	72,000
do do southern route	39,500	24,200	63,700
Madura - Pannabau	24,000	14,500	38,500

(3) The mileage rates are
 Arakkere - Mangalore
 137 miles ——— 643/.

Trimmalelly - Kulkarni
 northern route
 106 miles ——— 604/.

Trimmalelly - Kulkarni
 southern route
 133 miles ——— 476/.

Madura - Pannabau
 92 miles ——— 410/.

Of these the first 2 have
 three sections to survey, while
 the 2 latter are in flat country.
 so that the amounts
 are moderate & may be
 accepted -

No report has been received from the Mysore Durbar of any further surveys between Mysore to Mangalore and Arwiler to Hassan referred in para 4 of letter 715 RC. But the Durbar are, I understand, prepared to supply officers & to execute the survey within the Mysore State that is 77 miles out of the total of 137 miles and including 14 miles of grant section out of a total of 20 miles - It might therefore be advisable to ascertain if they are prepared to undertake the whole survey and to defray the cost -

⑤ From the previous correspondence and approximate survey of the Trimmally-Dulore route, the northern route via the Arankadu Pass has been all along preferred by the Travancore Durbar while the southern route via Aramboli near the extremity of the Madras plains has been advocated by the Southern Railway engineers -

⑥ The Travancore Durbar have been asked as directed by the Govt. of India if they are prepared to bear the cost of the ^{survey of the} whole line (Govt. India) 22 RC of 31 July 94

Requestion should be asked -
Is the Government, should say,
that they will undertake - part only
of the grant survey? M

Nothing to be remembered
M 25

to which inquiry, no reply has yet been given - It may therefore be taken for granted that they will agree - if they consent at all - to the survey for the Northern route, & I am of opinion that therefore the estimate submitted for the Southern route need not be considered -

⑦ The ^{location of the} survey for the line from Madras to Paimbhan will have already decided if sanction is given to the estimate submitted & this will be dealt with in a separate note -

⑧ The staff ^{total required} will be -
2 engineers in chief
6 executive engineers
4 assistant
8 upper subordinates
if these
1 engineer in chief
3 executive engineers
3 assistant
6 upper subordinates
are will be available by November to start the Trimmally-Dulore and Madras-Paimbhan surveys

For the Mangalore-Arweiler survey - unless the Mysore Durbar engineers are allowed to undertake it, there will be required
1 engineer in chief
3 executive engineers
1 assistant
2 upper subordinates

From

I am directed to submit
the estimates of Harleys
called for in form No 775 RE
of 10 Aug 94 with a note by
the Consulting Engineer -

~~The decision of the Trustees
One Dollar will be con-
municated as soon as
fixed - extra~~

In the event of Staff not
being available - I am to
~~write for attention to~~
suggest that the Mysore
Durbar be asked if they
would undertake the
survey of the line from
Arviakere to Mangalore
and to bear the whole
or proportionate cost
thereof -

The staff of the Regtade
-Madras survey will be
ready to take the field
in November.

G. M. M.

$\frac{2}{10} 94$

~~Mrs. W. H. Allen~~
~~Mrs. W. H. Allen~~

Enclosures. Note fr. C. E. Eng.
4 Abstract Estimates
Telegram from Frs. Durban

Class.		INDIAN TELEGRAPH				Monthly Local No.	
To		From				Station	
Station		Day				Month	
Year		Hour				Minute	
Official Instruction							
To (Person)		From (Person)					
To (Address)		From (Address)					
To (Office)		From (Office)					
To (Government)		From (Government)					
To (Railway)		From (Railway)					
To (Police)		From (Police)					
To (Customs)		From (Customs)					
To (Post Office)		From (Post Office)					
To (Telegraph Office)		From (Telegraph Office)					
To (Mails)		From (Mails)					
To (Passengers)		From (Passengers)					
To (Cargo)		From (Cargo)					
To (Freight)		From (Freight)					
To (Insurance)		From (Insurance)					
To (Shipping)		From (Shipping)					
To (Navigation)		From (Navigation)					
To (Maritime)		From (Maritime)					
To (Coast Guard)		From (Coast Guard)					
To (Fishery)		From (Fishery)					
To (Hunting)		From (Hunting)					
To (Fishing)		From (Fishing)					
To (Travelling)		From (Travelling)					
To (Business)		From (Business)					
To (Industry)		From (Industry)					
To (Commerce)		From (Commerce)					
To (Finance)		From (Finance)					
To (Banking)		From (Banking)					
To (Insurance)		From (Insurance)					
To (Real Estate)		From (Real Estate)					
To (Law)		From (Law)					
To (Medicine)		From (Medicine)					
To (Education)		From (Education)					
To (Religion)		From (Religion)					
To (Culture)		From (Culture)					
To (Art)		From (Art)					
To (Science)		From (Science)					
To (Technology)		From (Technology)					
To (Invention)		From (Invention)					
To (Discovery)		From (Discovery)					
To (Research)		From (Research)					
To (Development)		From (Development)					
To (Progress)		From (Progress)					
To (Growth)		From (Growth)					
To (Expansion)		From (Expansion)					
To (Innovation)		From (Innovation)					
To (Improvement)		From (Improvement)					
To (Refinement)		From (Refinement)					
To (Perfection)		From (Perfection)					
To (Completion)		From (Completion)					
To (Achievement)		From (Achievement)					
To (Success)		From (Success)					
To (Victory)		From (Victory)					
To (Triumph)		From (Triumph)					
To (Conquest)		From (Conquest)					
To (Dominance)		From (Dominance)					
To (Supremacy)		From (Supremacy)					
To (Authority)		From (Authority)					
To (Power)		From (Power)					
To (Influence)		From (Influence)					
To (Control)		From (Control)					
To (Command)		From (Command)					
To (Leadership)		From (Leadership)					
To (Guidance)		From (Guidance)					
To (Direction)		From (Direction)					
To (Instruction)		From (Instruction)					
To (Teaching)		From (Teaching)					
To (Learning)		From (Learning)					
To (Education)		From (Education)					
To (Training)		From (Training)					
To (Development)		From (Development)					
To (Growth)		From (Growth)					
To (Expansion)		From (Expansion)					
To (Innovation)		From (Innovation)					
To (Improvement)		From (Improvement)					
To (Refinement)		From (Refinement)					
To (Perfection)		From (Perfection)					
To (Completion)		From (Completion)					
To (Achievement)		From (Achievement)					
To (Success)		From (Success)					
To (Victory)		From (Victory)					
To (Triumph)		From (Triumph)					
To (Conquest)		From (Conquest)					
To (Dominance)		From (Dominance)					
To (Supremacy)		From (Supremacy)					
To (Authority)		From (Authority)					
To (Power)		From (Power)					
To (Influence)		From (Influence)					
To (Control)		From (Control)					
To (Command)		From (Command)					
To (Leadership)		From (Leadership)					
To (Guidance)		From (Guidance)					
To (Direction)		From (Direction)					
To (Instruction)		From (Instruction)					
To (Teaching)		From (Teaching)					
To (Learning)		From (Learning)					
To (Education)		From (Education)					
To (Training)		From (Training)					
To (Development)		From (Development)					
To (Growth)		From (Growth)					
To (Expansion)		From (Expansion)					
To (Innovation)		From (Innovation)					
To (Improvement)		From (Improvement)					
To (Refinement)		From (Refinement)					
To (Perfection)		From (Perfection)					
To (Completion)		From (Completion)					
To (Achievement)		From (Achievement)					
To (Success)		From (Success)					
To (Victory)		From (Victory)					
To (Triumph)		From (Triumph)					
To (Conquest)		From (Conquest)					
To (Dominance)		From (Dominance)					
To (Supremacy)		From (Supremacy)					
To (Authority)		From (Authority)					
To (Power)		From (Power)					
To (Influence)		From (Influence)					
To (Control)		From (Control)					
To (Command)		From (Command)					
To (Leadership)		From (Leadership)					
To (Guidance)		From (Guidance)					
To (Direction)		From (Direction)					
To (Instruction)		From (Instruction)					
To (Teaching)		From (Te					

India 27
914 R.C.

core durable
to bear whole
survey provided
added to capi-
tal future line
paid from
us profits
that the northern
be followed
ear asks expla-
in para 6 Secre-
of States despatch
7 before starting
cy + message ends
imate amounting
72 thousand will
only be forwarded

John

5
10 94

Decked
5.10.94

C. U. F. - No. 613 P O - 11-2-34 - 4,00,000.

1833
Resident's office, Trivandrum

2nd October 1894

Ref: memo 3101.

From

H. B. Riggby: M.A. C.S.I.

Resident in Travancore & Cochin

To

Hutton: M.A. J. F. Price C.S.I.

Chief Secretary to Govt.

Cotacamund

Sir,

In confirming the following telegram despatched on the 28th Ultimo regarding the survey of the proposed line of Railway from Quilon to Trivandrum, I have the honor to submit copy of the Dewan's letter of the 27th idem the substance of which formed the subject of the telegram.

Telegram

" Your telegram 486. Durbar agreeable fresh survey and willing meet wishes India in bearing cost whole survey, provided same is added capital cost line or repaid from surplus profits as first charge before profits shared between Travancore and Railway company. Durbar notes cost will not exceed 5000 rupees. Regarding route, line should as far practicable follow northern line surveyed Valentine. Dewan inquires regarding suggestion in correspondence Travancore

proved
see wire

Travancore should supply funds construction British portion
line. What are precise terms which India expects Travancore
make funds available purpose, and hopes information may
be furnished before starting survey."

I have the honor to be

Sir,

your most obedient servant

A. B. F. J. S.

Resident

732

Huzur Cutchery
Trivandrum. 27th September 1894

The British Resident in Travancore
and Cochin

Sir,

In reply to your confidential letter of the
13th Instant with enclosures and your D.O. of the 16th Instant
forwarding a telegram from the Madras Government, I beg
to inform you that His Highness the Maharaja's Government
are quite agreeable to a fresh survey being conducted of the
proposed Railway line from Sinnerelly to Quilon in accordance
with the views expressed by the India Government. His
Highness' Government would also be prepared to meet the
wishes of that Government in bearing the cost of the whole
survey, provided the same shall be added to the Capital
cost of the line or be repaid from surplus profits as a first
charge before the said profits are shared between the Government
and the Railway Company. I quote from the telegram that
the cost will not exceed 65,000 Rs.

As regards the route, this Government have
no remarks to offer beyond that they would as far as
practicable keep to the line surveyed by Mr. Valentine, late
of the D.P.O. of this State.

There is one important point raised in the
correspondence between the Secretary of State and the Government
of India. It is suggested that the Travancore State should
supply

supply funds for the construction of the British portion of the line on suitable terms. This is not touched upon in your letter. Perhaps it is left to be considered after the survey is completed and a correct estimate of the cost is made. Still as this bears essentially on the project itself; I shall be glad to know the precise terms on which the India Government expect us to make the funds available for the purpose. I hope there will be no difficulty in furnishing this information before starting the survey.

Yours
(Signed) S. Shrinagar Sahay
Dewan.

1 Enclosure

Resident

7569/94



INDIAN TELEGRAPH
259
Madras
26/11/26 13 51 28 24
To (Post)

Madras
works
Ch. & P. R.

1077 P. C. your
telegram of 9
and letter 1178 &
with Government
of India have no
objection to a stipulation
being inserted in
any future agreement
for the construction
of Tinnivelly quilon
Railway providing

RECD. FROM L. N. SENT TO L. N.
AT Hrs. Mts. By AT Hrs. Mts. By
Date Postmaster.



in Travancore
Political
33

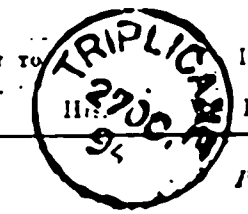
To your 3101
I am sure
say that the
India have
action to a ste.
is being inserted
future agree-
for the construc-
the Tinnivelly
By providing for
of the cost of
lay from capital.
reference to para
of States despatch
It appears to
me that
an extension of the
South Indian State Railway
to join to the Travancore
frontier was probably
contemplated, the con-
struction of which line
might be from funds
supplied by the Travancore
Dewan -
(2) I am further to say
that the route selected by
Mr. Valentine is approved
and request that the

259
 Madras
 Triplicane
 12/11 26 13 51 8 1/2 Head
 To (Origin)

Madras
 Works
 Ch. & P. K.

1077 YP C your
 telegram 10 9
 and letter 1178 &
 with Government
 of India have no
 objection to a stipulation
 being inserted in
 any future agreement
 for the construction
 of Tinnivelly Quilon
 Railway providing

RECD. FROM L. N. SENT TO L. N.
 AT Hrs. Mts. By AT Hrs. Mts. By
 Date Postmaster.



RATES OF CHARGE FOR INLAND TELEGR.

The address (including name of Sender, and name and residence of
is transmitted free.

	First 8 words.	Each additional word.
Deferred Message	8 Annas	1 Anna.
Ordinary	1 Rupee	2 Annas.
Urgent	2 Rupees	4 Annas.

A group of 3, or
less figures, is
reckoned as one
word.

No charge for delivery within a distance of 5 Miles.

INDIAN TELEGRAPH.

Month 259

To (Forward)

From (Person)

(2)

for a refund of
the cost of survey
from capital of
the line they are
unaware of precise
meaning of paragraph
six of secretary
states despatch
number 37 which
however probably
contemplated an
extension of south
indian railway which
is property of government

RECD. FROM

L. N.

SENT TO

L. N.

At

Hrs.

Min. By

At

By

Date

Postmaster.



RATES OF CHARGE FOR INLAND TELEGRAMS.

The address (including name of Sender, and name and residence of Addressee) is transmitted free.

	First 8 words.	Each additional word.
Deferred Message	8 Annas	1 Anna.
Ordinary "	1 Rupee	2 Annas.
Urgent "	2 Rupees	4 Annas.

No charge for delivery within a distance of 5 Miles.

A group of 3, or less figures, is reckoned as one word.

INDIAN TELEGRAPH.

Month

25/9

From

Station

Official Instructions

Day

Hour

Minute

To (Name)

From (Person)

(3)

as far as Travancore
frontier from funds
to be supplied by
that state durbar
may choose route
for survey and
if still agreeable
please arrange
for commencement
of work orders
about other surveys
will follow +

Recd. from

L. N.

SENT

At

Hrs.

Ms. By

At

Date

Postmaster.



RATES OF CHARGE FOR INLAND TELEGRAMS

The address (including name of Sender, and name and residence of addressee) is transmitted free.

	First 8 words.	Each additional word.	A group of 3, or less figures, is reckoned as one word.
Deferred Message	8 Annas	1 Anna.	
Ordinary "	1 Rupee	2 Annas	
Urgent "	2 Rupees	4 Annas	
No charge for delivery within a distance of 5 Miles.			

(1) 27.10.74



Resident in Travancore
One Two Political
Dept. 33

In reply to your 3101
of 2 Oct. I am directed
to say that the
Govt. of India have
no objection to the
proposition being inserted
in any future agree-
ment for the construc-
tion of the Trivandrum
Railway by providing for
a refund of the cost of
the survey from Capital.

HW
30/10/74

(2) With reference to para
6 of Sec. of States despatch
No. 37 - It appears to
the Govt. of India that
an extension of the
South Indian State Railway
to join to the Travancore
frontier was probably
contemplated, the con-
struction of which line
might be from funds
supplied by the Travancore
Government.

(3) I am further to say
that the route selected by
Mr. Valentine is approved
and request that the

Since acceptance of
the tender may be
soured so that arrange-
ments may be at once
made to instruct Mr.
Shadbolt and staff
to commence work.

From 29/10/94

Civil.
Hon W. Allen
Hon W. Fox.

10/11/94

To be substituted for letter No. 5504 of 11/11/94.

No. 571 P. dated 1.11.94.

PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH. 35

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

Telegram from the }
Govt. of India P.W.D. Dept } No. 1077 P.C. of 26/10/1894

The following tele-
gram will be despatched
to the Resident in Travancore
& Cochin through the Political
Department:-

Your letter 3101 Sum-
October. Government India
have no objection to a
stipulation being inserted
in any future agreement
for construction Trivelly
Quilon Railway providing
for refund of cost of survey
from Govt. - with re-
ference to para 6 Trivelly
State's Despatch 37 of 1894
appears

16/11

appears to Government
 India that an extension
 of South Indian ^{State} Railway
 as far as Travancore fron-
 tier was probably con-
 templated construction
 of which line might be
 from funds supplied by
 Travancore Durbar.
 Route selected by Valentin
 approved. Request for
 acceptance of Durbar
 may be wired without
 arrangements maybe
 at once made to in-
 stant ~~and~~ start and
 start to commence work.

Tran

to
 Political Dept

16/11 3.00/11

T-14		INDIAN TELEGRAPH		Monthly L/12	
Class D.S.		Station Madras		Simla 36	
Words	44	Day	10	Month	3
Rate	10	Time	3	Rate	49
To (Name)		From (Name)		Works atoota	
Madras Works					
By Chepaik					
1091 R & my					
telegram 1077					
R.C. 25 October					
on durbar paying					
Cost of tinnevely					
quilon survey					
Recd. By	At	Hrs.	Min.	Sec.	Postmaster.
Date					

RATES OF CHARGE FOR INLAND TELEGRAMS.

The address (including name of Sender, and name and residence of Addressee) is transmitted free.

	First 8 words.	Each additional word.	
Deferred Message	8 Annas	1 Anna	A group of 3, or less, figures, is reckoned as one word.
Ordinary	1 Rupee	2 Annas.	
Urgent	2 Rupees	4 Annas.	

No charge for delivery within a distance of 5 Miles.

T-14

INDIAN TELEGRAPH.

Monthly Local No.

Class.

To

Station

Words

Day

Hour

Minute

From

Station

Special Instructions.

From (Persons)

To (Person)

Into a govern-
-ment treasury
work may
be put in
hand letter
follows *



RECD. FROM

L. N.

SENT TO

At

Hrs.

Mts. By

At

Mts. By

Mts. By

Postmaster.

Date

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

Telegram from the Govt. of India P.W. Depto. No. 1091 R.C. of 31 Oct 94

The following telegram will be despatched to the Resident in Travancore & Cochin in the Political Department...

In continuation of Political telegram of first instant Government India writes on Darobas paying cost of Trivello. Quilon Survey into a Government Treasury work may be put in hand.

From R
 3/11/94

To The Political Department

8356
 RATES OF CHARGE FOR INLAND TELEGRAMS.

The address (including name of Sender, and name and residence of Addressee) is transmitted free.

	First 3 words.	Each additional word.	
Deferred Message	3 Annas	1 Anna.	A group of 3, or less figures, is reckoned as one word.
Ordinary	1 Rupee	2 Annas.	
Urgent	2 Rupees	4 Annas.	

No charge for delivery within a distance of 5 Miles.

Dec 3. 11. 94



16/11/94

Recd again P. G. No 59/12 & 60/12 d/12/3/4/94
Order No 605. R d/6.11.94

38

The following telegram
will be despatched to
the Resident in Istanbul
and a column in the
Political Dept.
may ⁵⁵⁷ 591 and ⁵⁶⁵ 601
may orders issue
to the staff to prepare
for the survey

From
6/11/94

Pol. Dept. was a.c.
557 & 555

To
The Political Dept.

16/11 5.00 PM

8627

Current No. 1491

Police DEPARTMENT.

Telegram
From *The Resident*
Sevagram

No. *Dec: 12. 11. 54*
Dated *6*
Received *7* } *Nov 1894*
Enclosures *1*

SUBJECT.

Forwarding the Maharaja's
final acceptance of the
proposal of the Govt of India
regarding the Innercity and
Railway / *Department*

12172 d/8th November 1894

Transferred to the Public
Works Department (Railway
Branch)

Shree
7.11.94

as Asst. Secretary

Copy to Commission of Enquiry - return

Nov 12 1894

1491

Code
Class.

LS

INDIAN

TELEGRAPHS

Monthly
Number.

2772

To
(Office)

Madras

From
(Office)

Trivandrum

Word.

Day.

Hour.

Minute.

Official
Instructions.

To
(Person)

Madras

From
(Person)

7 NOV. 1894

CHIEF SECRETARY
GOVERNMENT OF MADRAS

Your numbers 557 and
565 Maharaja sanctioned
final acceptance india's propos.
at on condition agreed by
India regarding refund cost
from capital instructions
issued payment my treasury
supd recently Madras

64 Word Form.

Recd. from

LV.

Sent to

MADRAS 6-11-94

At

Recd.

Mts. by

At

Recd.

Mts. by

Telegraph Master.

T. O. P. - No. 3 T-454-94000

16/11

P. I. 8674

Current No. 1588

DEPARTMENT.

Telegram
From

The Resident in
Irawan

No.

Dated 10th
Received 11th } Nov 1894
Dec 12th }
Enclosures Dec: 13. 11. 94

SUBJECT.

Communicating that
on the 10th. The Irawan
State paid Khipes Seventy
thousand for Railway Survey
into his territory.

C. no. 1508 & 1513

Endorsement of 12 November 1894
P. 2213

Transferred to the Public
Works Department (Railway Branch)
in continuation of Encl. dated 8th Nov 94.
2172.

Hedrick White

Handwritten notes on the left side of the page, including "1000" and "1000" and other illegible text.

1. 17. 11. 1912

04875

1508

1912 INDIAN TELEGRAPHS Monthly Number.

To (Office)	Madras	From (Office)	Treasury
Hour.	Day.	Hour.	Minute.
19	10	17	2
To		From	
Madras		Resident	

Travancore has this day paid into my treasury rupees Seventy thousand for railway survey

64 Word Form.

P.C.2

Send from	LT.	Send to	LT.
At	On	At	On

10-11-94

C. O. P. - No. 331 T-20-9-93-25,00,000

Telegram from the President 4/10/94

43

No 3605C dated 15 Nov 1894

Copy forwarded to
the Examiner, P.W. acct,
Karnas, in continuation
of No 3559C dated 12.11.94

Free R.

15 NOV. 94

PSA

(Handwritten notes at bottom left)

KEEP-WITH

CURRENT No.

GOVT.
OF MADRAS.

1894.

P.W.
DEPT.

EXAMINER, P.W. ACCOUNTS.

dated

189 .

Madras, 11th December 1894.

OFFICE NOTE No. 4860 A

To

R.

From the Government of India letter, No. 1092 R.C. of 31st. October 1894, copy communicated with your endorsement No. 3559 C. of 12th. November 1894, it would appear that the Survey of the Tinnevely-Quilon Railway line should be put in hand only on the Travancore Durbar paying into a Government Treasury the cost of the survey which was estimated and sanctioned at Rs. 72,000.

2. From the Telegram dated 10th. November 1894 from the Resident in Travancore, a copy of which has been received with your endorsement No. 3305 C. of 15th. November 1894, it is observed that only Rs. 70,000 have been paid into the Resident's Treasury at Travancore leaving Rs. 2,000 still to be paid by the Travancore Government. Enquires when it is likely the balance will be paid.

No 3605 C of 15 November
1894

16/11

Passing the information
may not be correct to
10,000 Rs. payment - 11/12
12th 8,000 Rs. payment
11/12

P. W. DEPT. No. 9521

No. 4064 C +5

Government of Madras.

PUBLIC WORKS DEPARTMENT
(Railway Branch.)

Madras, 15th Decem. 1894

OFFICE NOTE

From R.

To C.

with reference to your Office
Note No. 4860 A., dated 11th December
1894, it is possible that the expen-
diture on the Tinnevelly-Guillem Rail-
way Survey may not amount to Rs. 70,000.
The payment of the Rs. 2,000 by the
Travancore Durbar may therefore stand
over.

124 F. R. 16.

R.

Dec: 12.12.94

15/12

No. 704 R 46

Government of Madras.

PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.

To

THE SECT. TO THE GOVT. OF INDIA,

P. W. DEPARTMENT.

Calcutta

18th Decr 1894

Sir,

In compliance with
para 2 of letter from the
Govt of India No. 1092 RC,
of the 31st October 1894,
I am directed to report
that H. H. the Maharajah
of Travancore has sanctioned
the final acceptance of the
proposal that the cost of
the Trivelly - Quilon railway
survey be borne in the first
instance by that Govt, on
the understanding that a
stipulation be inserted in
any future agreement for
the construction of the line
providing for the refund
of the cost from Capital.
A sum of Rs. 70000 has
been paid in the Treasury
by the Travancore Govt
towards the cost of the
survey, and the work has

Committed

RESPAT

19 DEC 91

4064 C d/ 14th Decr 94

22/12

No. 633 R 50

Government of Madras

PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH

To

THE Secy. to the Govt. of India

P. W. Dept.
Simla

Coty. Secy. to the Govt. of India 1895.

SIR,

With reference
to my letter No. 620 R
of 26 September 1895,
I am directed to inform
you for the information
of the Govt. of India that
the total estimated cost
of the Lumsdell - Quilon
Railway, 203.33 miles
in length, at Rs 3'-3³/₈
is Rs 1,01,62,078 or
Rs 98,345 per mile.

The plans & estimates
with a note to the Com. Engrs.
have been referred

225 163
05529

To the Insurance Co.
for consideration
and remarks -

Free

30
5 95

Encl: nil

13/-
N^o 633 R. dated 1.10.95

Fairly kept in Office on
30.9.95

DEPARTMENT.]

OCTOBER

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UND —

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PUBLIC WORKS DEPARTMENT.
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<i>Six months' estimate.</i> —Ordered that the —, Arakeri-Mangalore Railway survey, for the year 1895-96, with note thereon by the Consulting Engineer for Railways, be forwarded to the Government of India.	7th Oct., No. 647 R.	...	
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<i>Six months' estimate.</i> —Ordered that the — (Revenue) of the Madras-Ennur section of the Bezwada-Madras Railway for the year 1895-96, with note thereon by the Examiner, Railway Accounts, be forwarded to the Government of India.	7th Oct., No. 649 R.	...	
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<i>Six months' estimate.</i> —Ordered that the — of the Calicut-Cannanore and Shoranur-Cochin Railway surveys for the year 1895-96, with note thereon by the Examiner, Railway Accounts, be forwarded to the Government of India.	7th Oct., No. 651 R.	...	
Forwarded	7th Oct., No. 652 R.	...	
<i>Six months' estimate.</i> —Ordered that the — (Revenue) of the Mayavaram-Mutupet Railway for the year 1895-96, with note thereon by the Examiner, Railway Accounts, be forwarded to the Government of India.	8th Oct., No. 655 R.	...	
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<i>Capital and Revenue Accounts, South Indian Railway.</i> —Ordered that the Chief Auditor's note on the —, for the half-year ended the 30th June 1895, be forwarded to the Government of India and the Secretary of State.	1895. 5th Oct., No. 662 R.	...	
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<i>Six months' estimate.</i> —Ordered that the —, South Indian Railway (Capital) for 1895-96, with note thereon by the Examiner of Railway Accounts, be forwarded to the Government of India.	9th Oct., No. 664 R.	...	
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<i>Madras Railway.</i> —Ordered that copies of the analysis of working — (including Kolar Gold Fields State Railway) for the half-year ended the 30th June 1895, be forwarded to the Director-General of Railways and the Secretary of State.	9th Oct., No. 667 R.	...	
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<i>Six months' estimate.</i> —Ordered that the — for the Madras-Pamban Railway survey for the year 1895-96, with note thereon by the Consulting Engineer for Railways, be forwarded to the Government of India.	9th Oct., No. 669 R.	...	
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<i>Six months' estimate.</i> —The —, Mayavaram-Mutupet Railway (Capital) for 1895-96, with note thereon by the Examiner of Railway Accounts, be forwarded to the Government of India.	9th Oct., No. 671 R.	...	

1 Subjects.	2 Numbers and Dates of Proceedings.	3 Date of Report to Secretary of State for India.	4 Numbers and Dates of previous Proceedings.
<i>Six months' estimate.</i> —Ordered that the — (Capital and Revenue), Madras Railway, for 1895-96, with note thereon by the Examiner of Railway Accounts, be forwarded to the Government of India.	1895. 9th Oct., No. 673 R.	...	.....
Forwarded	9th Oct., No. 674 R.	...	...
<i>Kolar Gold Fields Railway.</i> —Letter from the Resident in Mysore communicating the approval of the Government of India to the alteration in the spelling and code initials of the station Urigam (U. G. M.) to Oorgaum (O. G. M.) on the —, communicated to officers concerned.	10th Oct., No. 676 R.	...	.....
<i>Six months' estimate.</i> —Ordered that the — of Guaranteed Companies (Land and Supervision) for 1895-96, with note thereon by the Consulting Engineer for Railways, be forwarded to the Government of India.	10th Oct., No. 677 R.	...	.....
Forwarded	10th Oct., No. 678 R.	...	.....
<i>Open Capital sanctions.</i> —Ordered that the list of —, South Indian Railway, for the quarter ending 31st December 1895, be forwarded to the Government of India.	16th Oct., No. 683 R.	...	...
Forwarded	16th Oct., No. 684 R.	...	.....
<i>Six months' estimate.</i> —Ordered that the —, Nilgiri Railway (Land and Interest), for 1895-96, be forwarded to the Government of India.	18th Oct., No. 689 R.	...	
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<i>Additional line from Kadambur station to the quarry siding.</i> —Estimate of Rs. 7,803 for the proposed — on the South Indian Railway, sanctioned.	19th Oct., No. 692 R.	...	
<i>Signals.</i> —Estimate of Rs. 5,480 for certain additions to the distant — on the Madras Railway, sanctioned as "Special" for inclusion in current official year.	19th Oct., No. 694 R.	...	

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<i>Open Capital sanctions.</i> —Orders directing that the lists of —, Locomotive, Telegraph and Engineering Departments, Madras Railway, for quarter ending 31st December 1895, be forwarded to the Government of India.	1895. 24th Oct., No. 711 R.	...	
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GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

TABULAR STATEMENT OF MISCELLANEOUS PROCEEDINGS
AND MATTERS OF ROUTINE,

RAILWAY,
FOR THE MONTH OF OCTOBER 1895.

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
<i>Tinnerelly-Quilon Railway.</i> —Letter to the Government of India reporting that the total estimated cost of the —, 103.33 miles* in length, is Rupees 1,01,62,018 or Rs. 98,345 per mile.	1st Oct. 1895, No. 633 R.	.....
<i>Sergeant A. Blakeborough, Superintendent, Second Grade.</i> —Letter to the Government of India reporting that — was relieved of his duties on the afternoon of the 14th September 1895, and directed to report himself to the Engineer-in-Chief, Bezwada-Madras Railway.	2nd do. do. No. 634 R.	.....
<i>Railway Surveys.</i> —Government of India letter enquiring whether the results of the several — under the Government of Madras may be expected by the end of September, recorded with reference to letter No. 620 R., dated 26th September 1895.	2nd do. do. No. 636 R.	.....
<i>Revenue Statistics.</i> —Ordered that copies of the — (outwards and inwards traffic at stations) with statements of traffic passed through junctions on the South Indian and Mayavaram-Muttupet Railways for the half-year ended the 30th June 1895 be forwarded to the Government of India.	5th do. do. No. 641 R.	.....
Forwarded	5th do. do. No. 642 R.	.....
<i>Land.</i> —Notifications for the acquisition of — required for the Madras-Bezwada Railway in the Chingleput district, ordered to be published in <i>Fort St. George Gazette</i> , and the acquisition of the — under section 17 of the Act, ordered.	7th do. do. No. 653 R.	.....
<i>Stores.</i> —Letter to the Government of India forwarding statement showing the receipts, issues and balances of — on the South Indian and Mayavaram-Muttupet Railways for the half-year ended the 30th June 1895.	7th do. do. No. 654 R.	.....

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
<i>Reports by Heads of Departments.</i> —Letter to the Government of India forwarding copies of the — of the Madras Railway for the half-year ended the 30th June 1895.	8th Oct. 1895, No. 659 R.	.....
<i>Half-yearly Station-to-Station Traffic Returns.</i> —Letter to the Government of India enquiring the meaning of certain terms in the circular prescribing the submission of —.	8th do. do. No. 660 R.	.....
<i>Land.</i> —All applications for — for the Bezwada-Madras Railway, ordered until further orders, to be considered urgent, the — being acquired under section 17 of the Act.	8th do. do. No. 661 R.	.....
<i>Land.</i> —Notifications for the acquisition of — required for the Bezwada-Madras Railway in the Chingleput district ordered to be published in <i>Fort St. George Gazette</i> .	9th do. do. No. 666 R.	.....
<i>Revised Rules under the Explosives Act.</i> —Letter to the Government of India forwarding copies of letters from the Agents, Madras and South Indian Railways, on the subject of the —.	9th do. do. No. 675 R.	.....
<i>Ganjām Station.</i> —Letter to the Government of India requesting their approval to the correct spelling in English and in the vernacular and to the code initials proposed for the new — to be opened on the East Coast Railway.	10th do. do. No. 679 R.	.....
<i>Land.</i> —Notification for the acquisition of — required for the East Coast Railway in Ganjām district, ordered to be published in <i>Fort St. George Gazette</i> .	15th do. do. No. 680 R.	.....
<i>Establishment.</i> —Proposition statement of revision of the — of the office of the Consulting Engineer for Railways, sanctioned.	15th do. do. No. 681 R.	.....
<i>Officers and Subordinates.</i> —Letter to the Government of India reporting that certain — were relieved of their duties on the Madura-Pāmban and Tinnevely-Quilon Railway Surveys on the 6th instant.	16th do. do. No. 682 R.	.....
<i>Railway Surveys.</i> —Government of India letter stating that without the plans and estimates, a telegraphic summary of the results of the — specified, would be of little use, recorded.	16th do. do. No. 685 R.	.....
<i>Errata.</i> —Ordered that certain — be published in the <i>Fort St. George Gazette</i> , with reference to certain notifications for acquisition of land in the Chingleput district for the Bezwada-Madras Railway.	18th do. do. No. 686 R.	.....
<i>Land.</i> —Government of India circular on the subject of the preparation of estimates of the cost of — required for railway or other large public projects, communicated to the Revenue Department for information and guidance.	18th do. do. No. 687 R.	.....

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
<i>Fuel.</i> —Letter to the Government of India forwarding copy of letter from the Locomotive Superintendent explaining the reason for the comparatively greater consumption of — on the Madras Railway, in connection with the review of the Capital and Revenue Accounts of that Railway for the second-half of 1894.	18th Oct. 1895, No. 688 R.	.....
<i>Araikeri-Mangalore Railway Survey.</i> —Letter to the Government of India forwarding, with remarks, the estimate for completing the —.	18th do. do. No. 691 R.	.....
<i>Land.</i> —Notifications for the acquisition of — required for the Bezwada-Madras Railway in the Chingleput district, ordered to be published in the <i>Fort St. George Gazette</i> .	19th do. do. No. 693 R.	.....
<i>Home Remittances.</i> —Letter to the Government of India requesting orders in regard to the recovery of the excess over the net salaries due to Messrs. Winter and Byron, Madras Railway, for the — authorised on their behalf being met.	21st do. do. No. 695 R.	.....
<i>Madras Railway Company.</i> —Letter to the Government of India reporting for orders that the — have exhausted the new capital raised in June 1891 and overdrawn their subscribed capital by £ 3,556-3-0 on the 31st July 1895.	21st do. do. No. 696 R.	.....
<i>Mr. Strange, Assistant Engineer, Madras Railway.</i> —Letter to the Government of India submitting for orders an application from the Agent and Manager to grant —, an allowance of Rs. 100 per mensem for the period he held charge of the 2nd District, South-West line, without an assistant.	22nd do. do. No. 697 R.	.....
<i>Captain A. D. G. Shelley, R.E.</i> —Letter to the Government of India reporting that the services of —, may be considered as lent to the South Indian Railway Company from 17th October 1895.	22nd do. do. No. 698 R.	.....
<i>Plans and Sections of the East Coast Railway.</i> —Letter to the Government of India returning rolls of certain —.	22nd do. do. No. 699 R.	.....
<i>Land.</i> —Notifications for the acquisition of — required for the Bezwada-Madras Railway in the Chingleput district, ordered to be published in <i>Fort St. George Gazette</i> .	22nd do. do. No. 700 R.	.....
<i>Land.</i> —Notification for the acquisition of — required for the Gūdūr Railway station in Nellore district, ordered to be published in <i>Fort St. George Gazette</i> .	22nd do. do. No. 701 R.	.....
<i>Land.</i> —Notification for the acquisition of — required to be given in lieu of certain inams taken up for the East Coast Railway in Ganjām district, ordered to be published in <i>Fort St. George Gazette</i> .	22nd do. do. No. 702 R.	.....
<i>Payment.</i> —The — by the Engineer-in-Chief, Madura-Pāmban Railway Survey, of Rs. 80 to the Madras Railway Company in connection with the packing and despatching of certain survey articles, sanctioned as a special case.	22nd do. do. No. 704 R.	.....

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
<i>Advertisements.</i> —Sanction accorded to the expenditure in excess of the annual limit incurred by the office of the Consulting Engineer for Railways on —.	22nd Oct. 1895, No. 705 R.	.....
<i>Official Meeting and Stores Committee, Madras Railway.</i> —Minutes of the — (No. 8 of 1895) held on 29th August 1895, approved, and copies ordered to be forwarded to the Government of India.	22nd do. do. No. 706 R.	.....
Forwarded	22nd do. do. No. 707 R.	.....
<i>Trial Station.</i> —Letter to the Government of India reporting the opening of a —, Adiyakkamangalam, at mile 235/10 on the Negapatam branch between Tiruválúr junction and Kivalúr stations.	23rd do. do. No. 708 R.	.....
<i>Mr. H. J. Oldie, Executive Engineer.</i> —Letter to the Government of India reporting that —, joined the Arsikeri-Mangalore Railway Survey on the forenoon of 15th October 1895.	23rd do. do. No. 709 R.	.....
<i>Madras-Ennur Section.</i> —Letter to the Government of India forwarding copy of the half-yearly narrative progress report and quarterly progress table for the — of the Bezwada-Madras Railway for period ending 30th September 1895.	23rd do. do. No. 710 R.	.....
<i>Office of the Examiner of Guaranteed Railway Accounts.</i> —The exemption of the test audit staff of the — from the operation of the rule with respect to prolonged halt at one place for the two months they remained on duty at Trichinopoly, sanctioned.	24th do. do. No. 713 R.	.....
<i>Madras-Ennur Section.</i> —Letter to the Government of India reporting the "total average of work done" on the — up to 30th June 1895.	24th do. do. No. 714 R.	.....
<i>Railways.</i> —Statement of the capital accounts of the Indian Guaranteed — on the 30th September 1895, and of capital transactions in England in respect of certain State Railways on the same date, from the Accountant-General, India Office, communicated to the Examiner, Guaranteed Railway Accounts.	24th do. do. No. 715 R.	.....
<i>Agreement for working the Máyacaram-Muttupet Railway.</i> —Letter to the Government of India stating that their remarks on the draft — have been referred by the Agent, South Indian Railway, to his Board.	25th do. do. No. 716 R.	.....
<i>Doctor Currie, Medical Officer, Madras Railway.</i> —The increase to the salary of — from Rs. 450 to Rs. 550 per mensem, sanctioned with effect from 3rd August 1895.	25th do. do. No. 717 R.	.....
<i>Bhimadole Tramway.</i> —Letter to the Government of India furnishing certain particulars in regard to the — in Gódvári district.	28th do. do. No. 718 R.	.....

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
<i>General Rules for working Open Lines of Railway.</i> —Government of India letter sanctioning the application of the — to the portions of the South Indian Railway within British territory, and stating that they have no objection to their adoption on the Pondicherry Railway from 1st January 1896, communicated to the Agent and an extract of paragraph 2 of the letter forwarded to His Excellency the Governor of French Settlements in India.	28th Oct. 1895. No. 719 R.	.....
<i>Land.</i> —Notification for the acquisition of — required for the Bezwada-Madras Railway in the Chingleput district, ordered to be published in <i>Fort St. George Gazette</i> .	29th do. do. No. 720 R.	.....
<i>Statements of Trade and Navigation.</i> —Letter to the Government of India forwarding copies of the — in Madras for the years 1892-93 1893-94, and 1894-95.	30th do. do. No. 721 R.	.....