

Public Works (1890) Department.

RAILWAY BRANCH.

G.O., No. 542-543. Ry

DATED 19th April

[Despatch Abstract.]

Villupuram-Guntakal State Railway—ordered that the endorsement of the Consulting Engineer for Railways forwarding letter from agent, South Indian Railway stating that no useful comparison can be made between the Bellore Branch of the — and the South Indian Railway with reference to the statement comparing the estimated cost of supervision for the first half of 1890 with actuals for the corresponding period of 1889 be forwarded to the Government of India.

BACK PAPERS.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

**SOUTH INDIAN RAILWAY,
NELLORE BRANCH
OF THE
VILLUPURAM GUNTAKAL RAILWAY.**

ESTABLISHMENT ESTIMATE (MAINTENANCE)

FOR THE
HALF-YEAR ENDING 30TH JUNE 1890.

G. W. TAYLOR, LAWRENCE ASYLUM PRESS—1890.

SOUTH INDIAN RAILWAY.
Engineering Department.

ABSTRACT A.

NELLORE BRANCH.

Proposed Establishment for half-year ending 30th June, 1890.

	Actuals for half-year ended 30th June, 1889.	SANCTION FOR HALF-YEAR ENDING 31st DEC., 1889.		PROPOSED FOR HALF-YEAR ENDING 30th JUNE, 1890.				
		Number.	Total for half-year.	Number of each Grade	Maximum rate of salary.	Total per mensem.	Total for half-year.	
	Rs.		Rs.		Rs.	Rs.	Rs.	
Executive Engineer, 3rd Grade...	4,200	1	4,200	1	700	700	4,200	
Sub-Engineer, 1st Grade...	...	1	1,200	1	200	200	1,200	
Sub-Overseers	...	2	600	(a)1	50	50	300	
Inspectors	...	1	1,500	1	250	250	1,500	
Do.	...	1	960	1	60	60	360	
Assistant Inspectors	...	1	360	1	50	50	300	
Sub-Inspectors	...	2	360	2	30	60	360	
Storekeeper	...	...	...	1	25	25	150	
Clerks	...	6	936	6	50	166	996	
Duftry	...	1	90	1	15	15	90	
Peons and Lascars	...	6	252	(c)7	8	48	288	
Watchmen	...	2	72	(d)1	6	6	36	
Sweepers	...	2	48	(d)1	4	4	24	
Engineer's Allowances	488	...	720	...	120	120	720	
Subordinates' Allowances	587	...	300	...	50	50	300	
Office Allowances	...	...	225	...	37½	37½	225	
Contingencies	Included in 4,963	...	60	...	10	10	60	
Stationery and Office Stores	...	...	300	...	50	50	300	
Proportion of Engineering Head-Quarters Establishment	...	...	...	...	...	...	2,500(e)	
Total...	16,754	...	12,267	...	...	...	13,909	

CHIEF ENGINEER'S OFFICE,
TRICHINOPOLY, 14th Oct., 1889.

FRANCIS F. SMITH,
for Chief Engineer.

REMARKS.

.....(a) One not required.

.....(b) Transfer of higher salaried Inspector to Villupuram Dharmavaram Railway construction.

.....(c) One Extra Lascar required for Depot Stores.

.....(d) One not required.

.....(e) Omitted in previous half-year.

SOUTH INDIAN RAILWAY.

Engineering Department.

NELLORE BRANCH.

*Distribution Return of Engineering Establishment for half-year ending
30th June, 1890.*

CHIEF ENGINEER'S OFFICE,
TRICHINOPOLY,
14th Oct., 1889.

FRANCIS F. SMITH,
for *Chief Engineer*.

SOUTH INDIAN RAILWAY.

Engineering Department.

Estimate for Maintenance, half-year ending 30th June, 1890.

NELLORE BRANCH.

MAIN LINE—Nellore to Tirupati.

	Departmentally.			By Contract.			Total.		
	Miles.	Chains.	Links.	Miles.	Chains.	Links.	Miles.	Chains.	Links.
Main Line { Double	...	...	...	...	...	...	...	...	...
Single	82.77	...	...	...	...	...	82.77	...	...
Sidings	7.33	...	...	...	...	...	7.33	...	...
Total...	90.10	...	...	...	...	...	90.10	...	...

Head.	Description of Works.	Ordinary.
Maintenance—Permanent Way.		
(1) Wages.—		Rs.
35 Gangs { 30 Permanent... 5 Temporary	Rs. 1,253-8-0 x 6	7,521
23 Trollymen	161-0-0 x 6	966
Establishment	85-0-0 x 6	510
(2) Materials.—		
Ballast	...	...
Stores (oil, waste, chalk, &c.)	...	...
Bolts and nuts, keys, &c.	...	...
Rails...	...	4,500
Sleepers	...	...
Total, Head II..		13,497
Repairs—Bridges, &c.		
(1) Bridges and Tunnels	...	2,000
(2) Miscellaneous	...	3,000
Earthwork	Rs. 750	...
Fencing	750	...
Roads and Level Crossings	750	...
Miscellaneous	750	...
Total, Head III..		5,000

REMARKS.

Gangers.			Coolies.			Total.	No. of Gangs employed.
No.	Rate.	Amount.	No.	Rate.	Amount.		
1	Rs. 11 0 0	11 0 0	8	Rs. 5 8 0	44 0 0	55 0 0	1
1	10 0 0	10 0 0	8	5 8 0	44 0 0	54 0 0	1
1	9 0 0	9 0 0	7	5 8 0	38 8 0	47 8 0	1
1	10 0 0	10 0 0	7	5 0 0	35 0 0	45 0 0	1
1	9 0 0	9 0 0	6	5 0 0	30 0 0	39 0 0	4
1	8 0 0	8 0 0	7	5 0 0	35 0 0	43 0 0	1
1	8 0 0	8 0 0	6	5 8 0	33 0 0	41 0 0	1
1	7 0 0	7 0 0	5	5 8 0	27 8 0	34 8 0	2
1	9 0 0	9 0 0	5	5 0 0	25 0 0	34 0 0	3
1	8 0 0	8 0 0	5	5 0 0	25 0 0	33 0 0	2
1	7 0 0	7 0 0	5	5 0 0	25 0 0	32 0 0	16
1	6 0 0	6 0 0	6	5 0 0	30 0 0	36 0 0	1
1	7 0 0	7 0 0	4	5 0 0	20 0 0	27 0 0	1

2 Carpenters ... Rs. 30 0 0
 2 Blacksmiths ... 30 0 0
 2 Bellows Boys ... 10 0 0
 1 Painter ... 15 0 0

Rs. ... 85 0 0

SOUTH INDIAN RAILWAY.
Engineering Department.

Estimate for Maintenance, half-year ending 30th June, 1890.

NELLORE BRANCH—continued.

MAIN LINE.—Nellore to Tirupati.

Head.	Description of works.	Ordinary.
	Repairs—Stations and Buildings.	
IV.	(1) Repairs of buildings of every description including station yards and signals but excepting quarters of the Staff	Rs. 600
	(2) Repairs of Staff quarters	600
	Total, Head IV	1,200
	Maintenance by Contract.	
V.	(1) Amount paid to Contractors	.....
	(2) Materials supplied by the Company	.....
	Total, Head V	.....
	Unclassified Expenditure.	
VII.	(1) Plantation	.....
	(2) Tools and Plant	.....
	(3) Loss on Stores in stock	.....
	(4) Loss on Exchange	1,200
	(5) Carriage of Revenue Stores	.....
	Total, Head VII	1,200
		20,897

CHIEF ENGINEER'S OFFICE,
 TRICHINOPOLY,
 14th Oct., 1889.

FRANCIS F. SMITH,
 for Chief Engineer.

SOUTH INDIAN RAILWAY.

Engineering Department.

Estimate for Maintenance, half-year ending 30th June, 1890.

NELLORE BRANCH—concluded.

HEAD No. VI—New Minor Works.

Sanction Reference.	Description of works.	Estimated total outlay.	Probable Expenditure to end of previous half-year.	Estimated Expenditure for half-year.
		Rs.	Rs.	Rs.
	(Details not known)	1,000	...	1,000

Extraordinary Works.

Sanction Reference.	Description of works.	Estimated total outlay.	Probable Expenditure to end of previous half-year.	Estimated Expenditure for half-year.
	Nil.			

CHIEF ENGINEER'S OFFICE, }
 TRICHINOPOLY, 14th Oct., 1889. }

FRANCIS F. SMITH,
 for Chief Engineer.

SOUTH INDIAN RAILWAY.
Engineering Department.

Abstract of Estimate of Maintenance, for half-year ending 30th June, 1890.

Heads of charges.	TOTAL 83 MILES SINGLE LINE.		
	Average per month.	For half-year.	
	Amount.	Amount.	Per mile.
I. General Superintendence	Rs. 2,318	Rs. 13,909	Rs. 167
II. Maintenance and Renewals of Permanent Way.			
Ordinary	2,249	13,497	163
Extraordinary ... ..	.....	.....	.....
III. Repairs, Bridges, &c.			
Ordinary	833	5,000	60
Extraordinary ... ..	.....	.....	.....
IV. Repairs of Stations and Buildings.			
Ordinary	200	1,200	15
Extraordinary ... ..	.....	.....	.....
V. Maintenance by Contract ... ..	.....	.....	.....
VI. New Minor Works	167	1,000	12
VII. Unclassified Expenditure.			
Ordinary	200	1,200	14
Extraordinary ... ..	.....	.....	.....
Total	5,967	35,806	431

CHIEF ENGINEER'S OFFICE,
TRICHINOPOLY,
14th Oct., 1889.

FRANCIS F. SMITH,
for Chief Engineer.

SOUTH INDIAN RAILWAY.
Engineering Department.

ABSTRACT A.

Estimate for Maintenance for half-year ending 30th June, 1890.

	Rs.	A.	P.	Rs.	A.	P.
I. General Superintendence	13,909	0	0			
(1) Engineers' Salaries	4,200	0	0			
(2) Allowances of ditto including travelling	720	0	0			
(3) Subordinate Superintendents	4,020	0	0			
(4) Allowances of ditto including travelling	300	0	0			
(5) Overtime Allowances	2,169	0	0			
(6) Office Expenses	2,500	0	0			
Proportion of Engineering Head-quarters Establishment...						
II. Maintenance, Permanent Way	13,497	0	0			
(1) Wages	8,997	0	0			
(2) Materials	4,500	0	0			
III. Repairs, Bridges, &c.	5,000	0	0			
(1) Bridges and Tunnels	2,000	0	0			
(2) Miscellaneous including Earthwork, &c.	3,000	0	0			
IV. Repairs, Stations and Buildings	1,200	0	0			
(1) Repairs of buildings of every description including station yards and signals but excepting quarters of the Staff	600	0	0			
(2) Repairs of Staff quarters	600	0	0			
V. Maintenance by Contract						
(1) Amount paid to Contractors						
(2) Materials supplied by the Company						
VI. New Minor Works	1,000	0	0	1,000	0	0
VII. Unclassified Expenditure				1,200	0	0
(1) Plantation						
(2) Tools and Plant						
(3) Loss on Stores in stock	1,209	0	0			
(4) Loss on Exchange						
(5) Carriage of Revenue Stores						
Total				35,806	0	0

CHIEF ENGINEER'S OFFICE,
TRICHINOPOLY,
14th October, 1889.

FRANCIS F. SMITH,
for Chief Engineer.

WILLIAM S. BETTS,
Agent.

SIDNEY SMITH,
Major, R. E.,
for Cons. Engr. for Railways.

Note

On the Establishment List -
 Vellore Branch of Villupuram
 Guntakal Railway for the
 half-year ending 30th June 1890.

Engineering Department. Provision
 has been made for one store-keeper
 on a salary of Rs 25/ a month
 which is considered necessary.

One extra Lascar has been
 provided on a salary of Rs 6/ a
 month, required for Depot stores.

Provision of Rs 2500/ has been
 made under "Proportion of Engineer-
 ing Head Quarters Establishment"
 which was omitted in previous
 half year.

Summary of Engrg Dep^{ty}

	actual expenditure in first half of 1889	sanctioned estimate in first half of 1889	estimated expenditure in first half of 1890
	Rs	Rs	Rs
Engineers salaries	5788	4200	4200
allowances of Engineers including travelling	580	720	720
Subordinate Superintendents	6516	4980	4020
allowances of subordinate superintendents including travelling	587	300	300
Office Expenses	5675	2067	2169
Proportion of Engineering Head Quarters Establishment	..	-	2500
Total	19354	12267	13909

Maintenance

2nd half of 1899 1st half of 1900

Ordinary 27,900 21,897

Extraordinary
Total 27,900 21,897

General Superintendence 12,267 13,909
Total 40,167 35,806

Per mile of single line (83 miles) 484 431

Per mile of track including sidings (90 miles) 446 398

Sidney Smith
Inspector

for Comptroller: Engrs. & Archts.

21
213.26
190

Form No. 1.

PUBLIC WORKS DEPARTMENT.

OFFICE OF CONSULTING ENGINEER FOR RAILWAYS,

Madras, 11th January 1890.

Note on the Establishment List -

Nellore Branch of the Villupuram
Guntakal Railway for the half-year
ending 30th June 1890
No. 21.

SUBMITTED _____ to _____ Government for
transmission to the Director-General
of Railways.

Sidney Smith
Inspector
for Comptroller: Engrs. & Archts.

From

THE CONSULTING ENGINEER

FOR RAILWAYS.

MADRAS.

No. 21

Dated 11/11/19

Received

No. OF ENCLOSURES.

Subject.

Suleman Ali, note on
the Establishment List
will be Branch of
Kilnpara Guntakal
Railway for the half
year ending 30 June 1990.

18. 1888-84 R 9 17 - Jan'y/90.

to the Cong. Engrs. & Pys. ✓
" Ex. Engrs. & Pys. recd. ✓

D 18/1-

(a) Information not furnished in Establishment Estimate
 (b) Cannot be calculated in the absence of information as to the Estimated Train-Mileage
 (c) $\frac{DO}{DO}$
 (d) Does not include proportion of Engineering head-quarters Establishment Earnings.
 (e) Includes Rs 2500 proportion of Engineering head quarters Establishment. See remark (c)

Statement showing the estimated cost of Supervision, &c., on the
Railway for the half of 18 , as compared with actuals for the corresponding
period of 18 , also as compared with actuals for the corresponding period of 18 on
certain other Railways—contd.

Particulars.			
<i>Locomotive Expenses.</i>			
Salaries of Superintendents and as- sistants, including allowances . . .	Rs.		
Per mile open . . .	"		
" total train mile . . .	annas		
" 1,000 gross ton miles . . .	Rs.		
Subordinate superintendents and assistants, including allowances . . .	"		
Per mile open . . .	"		
" total train mile . . .	annas		
" 1,000 gross ton miles . . .	Rs.		
Office expenses . . .	"		
Per mile open . . .	"		
" total train mile . . .	annas		
" 1,000 gross ton miles . . .	Rs.		
Total General superintendence . . .	"		
Per mile open . . .	"		
" total train mile . . .	annas		
" 1,000 gross ton miles . . .	Rs.		
" cent. of General superinten- dence on total Locomotive expenses . . .			
Running expenses (wages of drivers and fireman) including overtime . . .	Rs.		
Per mile open . . .	"		
" total train mile . . .	annas		
" 1,000 gross ton miles . . .	Rs.		
Total Locomotive expenses . . .	"		
Per mile open . . .	"		
" total train mile . . .	annas		
" 1,000 gross ton miles . . .	Rs.		
" cent. of total Locomotive expenses on Total earnings . . .			

No. 0284R. T

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY *Traffic.*All communications
should be addressed
to the Secretary.

To

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

Calcutta, the 12th March 1890.

Sir,

With reference to the maintenance
estimate of the Nellore Branch of the
Villupuram Guntakal Railway for the half-
year ending with the 30th June 1890, forwarded
to the Director General of Railways under your
docket No. 84 R, dated the 17th January 1890, -
I am directed to forward, for information, a
Statement comparing the estimated charges -
with actuals for the corresponding period of 1889
on

on the Nellore Branch of the Villupuram
Guntakal and certain other railways.

I have the honour to be

Sir,

your most obedient servant,

W. W. C. Major, R.E.,

Under Secretary.

Document accompanying:

The statement referred to.

No. 83-4 R 2/17-1-90

copy to Smith letter no 3740
1/4/90.

H. W. 24-3-90 R 24-3-90

No. 1580 C d/24 March/90

Referred to the Consulting Engineer for Railways for report with reference to Prop: No. 83 R 2/17 January 1890.

Sidney Smith
Major R.E.
for Jt Secy to Govt: P. & O.
Railway Branch.

27/3/90
This is the first statement of the kind sent to us.
We have had them in the past but saw no use in them.

83-84 R 2/17-1-90

189 a

P. W. DEPARTMENT.

Current No. 2848

From

The Govt: of India

ENCLOS.—

No. 0284 R.T.

Dated 12-3-90

Received 19-3-90

SUBJECT.

Nellore Branch of the Villupuram Guntakal & certain other railways

Forwarding, for information, a statement comparing the estimated charges with actuals for the corresponding period of 1889 on the —

DISPOSAL.

No. 1580 C dated 24 March/90

Referred to the Consy: Engr: for Rys: for report with reference to Prop: No. 83 R 2/17-1-90.

Yr. Sd.
For R.

No 499

South Indian Railway,

AGENT'S OFFICE,

TRICHINOPOLY, 11th April 1890

From

The AGENT,

SOUTH INDIAN RAILWAY,

To

The CONSULTING ENGINEER FOR RAILWAYS,

MADRAS.

Sir,

Your letter No 374 of the 1st Instant.
The Chief Engineer has reported to me as
follows:-

"I do not see that any useful comparison

"can be made between the

"Mettur Branch of 83 miles and the

"South Indian Railway of 662 and

"the Bengal North Western Rly.

"of 376 miles long."

"The office Establishment on the Mettur

"Branch is capable of doing work

"for double the length of the line

"I will shortly do so, when some of the

"Villupuram Cankaral State Railway

"is open; again the South Indian Rly. main

"-tenance is subsided by 50 lbs per mile."

I am

Sir

Your most obedt Servant

Walter J. Hooper

per Agent

26

REGISTERED
NO. 499
FILE

P. W. Dept.
3636/90.

Form No. 1.

PUBLIC WORKS DEPARTMENT.

OFFICE OF CONSULTING ENGINEER FOR RAILWAYS,
Madras, 14th April 1890.

Letter from the Agent, South Indian
Railway, No. 499 dated 11th April
1890.

No. 258

SUBMITTED _____ to _____ Government.

with reference to its endorsement
No. 1580 C dated 24th March 1890.
(herewith returned).

Sd/-
Major R. L.

By: Can: Insp: for By:

From
THE AGENT,
South Indian Railway,
Trichinopoly.

To
THE CONSULTING ENGINEER FOR
RAILWAYS,
Madras.

Dated 11th April 1890
Received 13th
No. 499
ENCLOSURE

Subscribed
1890

P. W. C. No 3636

From

THE CONSULTING ENGINEER

FOR RAILWAYS,

MADRAS,

No. 258.

Dated

14th

Received

15th

} April

1890

No. of ENCLOSURES. 3

B
No. 542-43 R of 19th April 90

Subject.

Submitting letter from the Agent,
South Indian Railway, stating
that no useful comparison can
be made between the Malabar
Branch & the South Indian Railway
with reference to the Comparative State-
ment, showing the estimated as compared
with the actual cost of Supervision
on the V.G.S. Ry and other Railways,
received from the Govt of India.

15-80C-24-3-20

Bm 83-84 R-17-1-20

B No. 542 R of 19th April 1890

JWS

1890 Ordered to be for-

warded to the Govt. of India

with reference to its letter No.

0284 R.T., dated 12th March 1890No. 543 R of 19th April 1890

Forwarded

Anes

17.4.90 W

for R

Manuscript despd. to India 19.4.90

Hm 17.4.90

22nd

R 21.4.90.

290 21/4/90

R