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 Nellore 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.

[P. W. Ry. 1. 760—26-9-99.]

Indexed.

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.
	83-4	Rly.	17-1-90				

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.	REMARKS.
	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	6,516	2	600	(a)1	50	50	300	..... (a) One not required.
Inspectors		1	1,500	1	250	250	1,500	} ..... (b) Transfer of higher salaried Inspector to Villupuram Dharmavaram Railway construction.
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	4,963	6	252	(c)7	8	48	288	..... (c) One Extra Lascar required for Depôt Stores.
Watchmen		2	72	(d)1	6	6	36	..... (d) One not required.
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	Included in 4,963	...	225	...	37½	37½	225	..... (e) Omitted in previous half-year.
Contingencies		...	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.*

SOUTH INDIAN RAILWAY.

Engineering Department.

NELLORE BRANCH.

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

—	Executive Engineer.	Sub-Engineer.	Inspectors.	Assistant Inspector.	Sub-Overseer.	Sub-Inspectors.	Depôt Storekeeper.	Clerks.	Duftry.	Peons and Lascars.	Watchmen.	Sweeper.	Total.
	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
Nellore Branch ...	1	1	2	1	1	2	1	6	1	7	1	1	25

CHIEF ENGINEER'S OFFICE,
TRICHINOPOLY,
14*th 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 ...	...	...	...	...	...	...	...	...	...
Main Line { Single ...	82·77	...	...	...	...	...	82·77	...	...
Sidings	7·33	...	...	...	...	...	7·33	...	...
Total...	90·10	...	...		...	...	90·10	...	...

Head.	Description of Works.	Ordinary.
	Maintenance—Permanent Way.	Rs.
II	**(1) Wages.—**	
	35 Gangs { 30 Permanent... ... ... } Rs. 1,253-8-0 × 6 ..	7,521
	{ 5 Temporary ... ... }	
	23 Trollymen ... ... „ 161-0-0 × 6 ..	966
	Establishment ... ... „ 85-0-0 × 6 ..	510
	(2) Materials.—	
	Ballast	
	Stores (oil, waste, chalk, &c.)	
	Bolts and nuts, keys, &c.	
	Rails...	4,500
	Sleepers	
	Total, Head II..	13,497
III	**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. No.	Gangers. Rate.	Gangers. Amount.	Coolies. No.	Coolies. Rate.	Coolies. Amount.	Total.	No. of Gangs employed.
	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.	Rs. a. p.	
1	11 0 0	11 0 0	8	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

	Rs.	A.	P.
2 Carpenters	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	1,200
	(2) Tools and Plant	
	(3) Loss on Stores in stock	
	(4) Loss on Exchange	
	(5) Carriage of Revenue Stores	
	Total, Head VII ..	1,200
		20,897

CHIEF ENGINEER'S OFFICE,
TRICHINOPOLY,
14*th 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 ENGINEE'S OFFICE,
TRICHINOPOLY, 14*th 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.
	Rs.	Rs.	Rs.
I. General Superintendence	2,318	13,909	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,
14*th 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	...	...	...			
(6) Office Expenses	2,169	0	0			
Proportion of Engineering Head-quarters Establishment... ...	2,500	0	0			
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						
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,
14*th 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 Lists —
Nellore Branch of Villupuram-
Gudtakal 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 Depôt stores.

Provision of Rs 2,500/ has been
made under "Proportion of Enginee-
-ing Head Quarters Establishment"
which was omitted in previous
half year.

Summary of Engrg Dept

	actual expenditure in First half of 1889	sanctioned estimate in Second half of 1889	Estimated Expenditure in First-half of 1890
	Rs	Rs	Rs
Engineers salaries	5,988	4,200	4,200
allowances of Engineers including travelling	588	720	720
Subordinate Superintendents	6,516	4,980	4,020
allowances of subordinate superintendents including travelling	587	300	300
office Expenses	5,675	2,067	2,169
Proportion of Engineering Head Quarters Establishment	..	..	2,500
Total	19,354	12,267	13,909

Maintenance	2nd half of '89	1st half of '90
	R	R
Ordinary	27,900	21,897
Extraordinary	"	"
Total	27900	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
Major R.E.
for Consg: Engr for Rys

C.
DW 326/90

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 Gooty Kal Railway for the half. year ending 30th June 1890
No. 2 —.

Submitted _____ to _____ Government. for transmission to the Director. General of Railways.

Sidney Smith
Major R.E.
for Consg: Engr for Rys

B. No. 83 R. 17 Jany/90.

Form No. 3.

A. 15.1.90.

Mrs approved.
13/Jan

2. Ordered that 9 copies be forwarded to the Director General of Railways.

N.C. No. 84 R. 17 Jany 1890.

Forwarded.

C.J.S

PWC No. 326

From

THE CONSULTING ENGINEER
FOR RAILWAYS,
MADRAS,

No. 21

Dated 11th
Received 11 January 1890.

No. of Enclosures. 2

Subject.

Submitting note on the Establishment List of Nellore Branch of Villupuram Gudtakal Railway for the half year ending 30th June 1890.

B. No. 83-84 R. 17 Jany/90.

To
The Consg Engr for Rys. ✓
Ex. Guntk Rly. asst. ✓

RC 28/1
Rly 1
D 18/1.

Statement showing the estimated cost of Supervision, &c., on the Villupuram Gudtakal State Railway Nellore Branch for the 1st half of 1890, as compared with actuals for the corresponding period of 1889, also as compared with actuals for the corresponding period of 1889 on certain other Railways.

Particulars.		Villupuram Gudtakal State Railway Nellore Branch. Estimate 1st half 1890	South Indian & Pondicherry Rys Actuals 1st half 1889	Bengal and North Western Railway Actuals 1st half 1889	Villupuram Gudtakal State Railway Nellore Branch Actuals 1st half 1889
Total earnings	Rs.	(a)	2,856,138	13,12,116	1,33,755
Mileage open	miles	83·00	662·44	376·00	82·77
Train mileage	„	(a)	1,005,656	411,603	73,477
Gross ton mileage	„	(b)	161,292,869	88,267,343	8,690,296
MAINTENANCE OF WAY, WORKS AND STATIONS.					
General Superintendence.					
Engineer's salaries and allowances	Rs.	(d) 4,920	41,610	14,159	6576
Per mile open	„	59·28	65·66	37·66	79·44
„ total train mile	annas	(b)	0·69	0·55	1·43
„ 1,000 gross ton miles	Rs.	(b)	0·27	0·16	0·76
Subordinate superintendents and allowances, including overtime	Rs.	(d) 4,320	24,680	11,420	7,104
Per mile open	„	52·05	37·26	30·37	85·83
„ total train mile	annas	(b)	0·39	0·44	1·55
„ 1,000 gross ton miles	Rs.	(b)	0·15	0·13	0·82
Office expenses	Rs.	(d) 2,169	21,120	6,133	5,674
Per mile open	„	26·13	33·32	16·31	68·55
„ train mile	annas	(b)	0·35	0·24	1·23
„ 1,000 gross ton miles	Rs.	(b)	0·14	0·07	0·65
Total General superintendence	Rs.	(e) 13909	87,410	31,712	19,354
Per mile open	„	167·58	136·24	84·34	233·82
„ total train mile	annas	(b)	1·43	1·23	4·21
„ 1,000 gross ton miles	Rs.	(b)	0·56	0·36	2·23
„ cent. of General superintendence on Total maintenance		38·85	9·42	27·12	53·46
Total maintenance	Rs.	35,806	9,28,320	116,918	36,204
Per mile open	„	431·40	1,401·36	310·95	437·4
„ total train mile	annas	(b)	14·77	4·54	7·88
„ 1,000 gross ton miles	Rs.	(b)	5·76	1·32	4·17
„ cent. of Total maintenance on Total earnings		(c)	32·50	8·91	27·07

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

Product 3
12-3-91
3636/90

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.				
Locomotive Expenses.				
Salaries of Superintendents and assistants, 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 superintendence 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				

All communications should be addressed to the Secretary.

No. 0284R. I

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY Traffic

Dt. 19/3/90.
2 to E R.

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

P. W. Cir. Encl 2 2848.
3636/90
12

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

I have the honour to be
Sir,
your most obedient Servant,

Rd 19-3-90
Encl.

W. Blackmore Major, R.E.,
Under Secretary.

Document accompanying:
The Statement referred to.

No. 83-4 Rd/17-1-90

Ele No. 1580. C dy 24 March/90

Ele 24 Mar

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

Sidney Smith
Major R.E.
for J. Secy: to Govt: P. W. D.
Railway Branch

copy to Audit letter No. 3748 1/4/90.

H.m. 22-3-90 & 24-3-90

83-84 Rd 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 dated 24 March/90

Referred to the Consg: Engr: for Rep: for report with reference to Prop: No. 83 Rd/17-1-90.

Sd/ S.S
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 Vellore 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 Vellore Branch is Capable of doing work for double the length of the line & will shortly do so, when one of the Villupuram Cuntakal State Railway is spent; again the South Indian Rly. main Tenance is enhanced by 50 lbs renewals."

I am
Sir
Your most obedt Servant
Walter J. Hoofer
Agent

CB

P. W. Dept
3636/90.

From

The Agent,
South Indian Railway,
Trichinopoly.

To

The Consulting Engineer for
Railways,
Madras.

Dated 11th April 18 90
Received 13th " "
No. 498
Enclosure.

Submitted

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. 1500 C dated 24th March 1890 (herewith returned).

Submitted
Major Rl.
Dy: Con: Engr: for Rys:

Form No. 3.

P. W. C. No. 3636

From

THE CONSULTING ENGINEER

FOR RAILWAYS,

MADRAS,

No. 258.

Dated 14th } April 1896
Received 15. }

No. OF ENCLOSURES. 3

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

Subject.

Submitting letter from the Agent
S. Mahratta Railway, stating
that no useful comparison can
be made between the Nallore
Branch & the S. Mahratta Railway
with reference to the Comparative Statement, shewing 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-24-3-90
Bn 83-84R-17-1-90
B No. 542 R of 19 April 1890
Sec
184/1 Ordered to be for-
warded to the Govt. of India
with reference to its letter No.
0284 R. T., dated 12th March 1890

No 543 R of 19th April 1890

Forwarded

Recd
17.4.90 W
for R

Manuscript despd. to India 19.4.90

Mem 17.4.90 21.4.90.

590 24/4