M.R.O. 1—10,006—23-2-50.

(1) Number of pages_____

(2) Date of repair_____

(3) Initials of the Referencer_____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No. / B.P. No.	2914-15	Press / Mis.	
Dated	13-10-	1874	195

Not to be folded or roughly handled

No. 300. Read the following letter from Lieutenant-Colonel J. H. M. SHAW-STEWART, R.E., Consulting Engineer for Railways, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Madras, 29th September 1874, No. 580 :—

WITH reference to the Proceedings of Government, No. 2,157, dated 5th August 1874, I have the honor to submit letter, No. 119, dated 25th instant, from the Agent of the South Indian Railway giving cover to a return of the broad gauge engines and rolling stock belonging to that Company's line, together with a detailed description relating to them which has been asked for by the Government of India.

2. With regard to trollies, Mr. Betts reports that the few at present with the Company are of a light description and can be altered to suit the metre gauge. There is no plant to be disposed of except a large wheel lathe, a description of which is enclosed.

3. The subject referred to in paragraph 4 of Public Works Department letter, No. 1,545 R, dated 8th July 1874, embodied in the Proceedings of Government under acknowledgment is still under the consideration of the Railway authorities, and I trust to be soon in a position to reply to the Government of India.

From W. S. BETTS, Esq., Agent and Manager of the South Indian Railway, to Lieutenant-Colonel J. H. M. SHAW-STEWART, R.E., Consulting Engineer for Railways, dated Negapatam, 25th September 1874, No. 119.

YOUR letter No. 99 of the 10th ultimo. I forward herewith a statement which has been prepared by the Locomotive Superintendent, and in which is recorded the age and detailed description of this Company's broad gauge rolling stock.

2. The few trollies we have are of a light description, and they can be altered to suit the metre gauge. The only item of plant we wish to dispose of is the large wheel lathe, a description of which is enclosed.

3. In the early days of our working, the expenditure upon rolling stock was not in all cases recorded against each vehicle constructed ; the prices therefore included in the statement opposite each description of vehicle do not agree in total with the expenditure recorded in the general books of the Company under the heading of rolling stock. Those figures are as under—

	RS.
Locomotive Stock	5,41,762
Carriage and Wagon Stock	8,06,907
Total...	13,48,669

SOUTH IND

IAN RAILWAY.

Description of

Rolling Stock.

ENGINES.

Class.	Date commenced working.	Approximate miles run to 30th June 1874.	Makers.	Price in books.	Diameter of cylinder.	Stroke.	Diameter of driving wheels.	Number of wheels coupled.	Distance of wheels apart.
				Rs Average value of each.	IN.	IN.	FT. IN.		FT. IN.
4 Coupled outside cylinder, Passenger.	1 } Oct. 1860.	174,920	Beyer and Peacock.	26,104	14	22	5 0	4	14 9
	2	157,280							
	3	159,130							
	4	192,030							
	5 } April 1861.	171,089							
	6	168,209							
	7 Nov. 1862.	111,500	Slaughter and Gunning.						
	8 } Dec. 1863.	107,996							
	9	125,760							
6 Do. do. Goods...	12 } Oct. 1866.	129,600	Stephenson & Co.	35,395	15	22	4 6	6	17 1
	13	134,370							
	14 } May 1867.	152,660							
	15	129,150							
	16 } Feb. 1869.	108,640							
	17	86,300							
4 Do. do. ...	18 } June 1870.	73,620		25,629	15	22	5 0	4	14 2
	19	81,050							
	20	88,600							
	21	97,650							
4 Wheeled outside cylinder, Tank.	10 } June 1866.	119,510	Hawthorne.	19,095	12	18	3 6	4	...
	11	107,900							

CARRIAGE STOCK—COACHING VEHICLES.

Class.	Where built.	Price in books.	Time run.	Number of each class.	Weight.	Wheel base.	Length over buffers.	Number of passenger accommodation.
		Average cost of each in Rupees.			T. C. QRS.	FT. IN.	FT. IN.	
Composite Carriage ...	Works, Negapatam—Madras.	4,157	2. 12 years ... ; 1. 11 ,, ... ; 1. 9 ,, ... ; 1. 8 ,, ... ; 2. 6 ,, ...	7	7 1 2	10 6	22 10	First 12 ; Second 16
Second-class and Mail Van.		1,878	12 years ...	2	6 15 1	...	22 8	Second-class compartment ... 20
Third-class Carriage ...		1,528	10. 12 years ... ; 7. 11 ,, ... ; 1. 9 ,, ... ; 16 5 ,, ...	31	5 16 3	10 6	22 8	48
Passenger Brake Van.		2,383	2. 12 ,, ... ; 1. 8 ,, ... ; 1. 7 ,, ... ; 2. 5 ,, ... ; 2. 2 ,, ...	8	6 6 0	9 0	18 8	.....
Horse-boxes ...		1,969	1. 11 ,, ... ; 1. 9 ,, ... ; 1. 4 ,, ...	3	5 16 3	9 0	18 6	Three horses ...
Carriage trucks ...		1,081	12 ,, ...	1	4 6 3	9 0	18 8	One carriage ...

NEGAPATAM,
23*rd September* 1874.

(Signed) W. S. BETTS,
Agent

TENDERS.

Distance of wheels from leading to driving.	Distance of wheels from driving to trailing.	Length over buffers.	Loads on each wheel.	Total weight of engines.	Diameter of boiler.	Number of tubes.	Tube heating surface.	Fire-box surface.	Total weight.	Number of wheels.	Distance of wheels apart.	Capacity.
FT. IN.	FT. IN.	FT. IN.	TONS.	TONS.	FT. IN.				TONS.		FT. IN.	GALLONS.
6 0	8 9	40 0	a Lg. 7 ; b Dg. 9 ; c Tg. 8	24	3 6	132	711	75	7	4	8 0	1,000
7 6½	7 6½	44 6	Lg. 10 ; Dg. 11½ ; Tg. 8½	30	3 10	136	781	79	10	6	5 6	1,500
6 0	8 2	44 6	Lg. 8 ; Dg. 10 ; Tg. 10	28	3 10	134	760	78	10	6	5 6	1,500
7 6	...	23 6	Dg. 8 ; Tg. 7	15	3 3	65	393	57	...	...	...	700

WAGON STOCK—GOODS VEHICLES.

Class.	Where built.	Price in books.	Time run.	Number of each kind.	Weight, empty.	Capacity in cubic feet.	Capacity in tons.	Total weight loaded.	Wheel base.	Length over buffers.
		Average cost of each in Rupees.			T. C. QRS.	FT. IN.		T. C. QRS.	F. IN.	F. IN.
Goods Brake Vans ...	Works, Negapatam—Madras.	1,459	12 years.	4	5 13 2	...	5	...	9 0	18 6
Covered goods trucks.		1,676	75 av. 10 ,, ; 50 ,, 6 ,, ; 25 ,, 3 ,,	*150	5 6 0	6 tons. 607 8 ; 10 tons 700 10	6	11 6 0	9 0	18 6
Open goods trucks ...		936	12 ,,	50	5 0 0	112 1	6	11 0 0	9 0	18 6
High-sided trucks ...		1,449	30 ,, 4 ,, ; 20 ,, 3 ,,	50	4 16 0	280 11	8	12 16 0	9 0	18 6
Salt Vans		1,881	3 ,,	25	5 5 0	700 10	10	15 5 0	10 0	21 0
Ballast wagons ...		786	12 ,,	50	4 6 0	163 8	6	10 6 0	8 2	17 0
Timber trucks ...		1,295	10 ,,	4	8 16 0	...	5	8 16 0	6 3	13 0
Gun-Powder Van ...	England.	Not erected, iron work in stores.								
Five-ton travelling crane.		2,341	10 years	1	9 9 2	...	...	...	7 4	17 10
Ten-ton travelling cranes.		5,116	2 ,,	1	14 2 0	...	...	...	12 8½	23 6

* 23 Covered goods trucks 10 tons each.

a Leading. b Driving c Trailing.

(Signed) E. G. SHEWARD,
Loco. & Carriage Superintendent.

Proceedings of the Madras Government, Public Works Department, 13th October 1874.

WHEEL LATHE BY SMITH, BEACOCK, AND TANNETT.

Capable of turning without torsion wheels up to 7 feet diameter, will take in 9 feet between centres, will turn two wheels or bore two tyres separately on each face plate, will turn a tyre on one face plate or bore or boss on the other.

2. Has 5 speed cone and changing gear for single, double, or treble purchase, two compound slide rests with transverse and longitudinal motion self-acting on both feeds, double cone adjustment one under the lower, and one between the two slides.

3. Complete with overhead driving and striking gear dogs, (the dogs have been plated) chucks, &c., in perfect order and condition. Weight, 30 tons.

Negapatam, June 1874.

Agent.

No. 301. ORDER THEREON, 13th October 1874, No. 2,914.

RAILWAY, No. 42.

ORDERED that the foregoing correspondence with statement be forwarded to the Government of India with reference to docket No. $\frac{821}{1}$ R., dated 16th September 1874, from Under Secretary to Government, Public Works Department.

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,

Secretary to Government.

No. 302. (DOCKET No. 2,915, dated 13th October 1874.)

COPY of the above forwarded to the Government of India.

(True Extract.)

Colonel, R.E.,

Secretary to Government.

Exd. E. C. Shunker
Spare Copies

No. 99 South Indian ~~GREAT SOUTHERN OF INDIA~~ RAILWAY.

AGENT'S OFFICE,

NEGAPATAM, 25th September 1874.

From

THE AGENT,
South Indian ~~Great Southern of India~~ *Railway,*

To

The Consulting Engineer
for Railways
Madras

SIR,

I have the honor to forward herewith a statement which has been prepared by the Locomotive Superintendent, and in which is recorded the age and detailed description of this Company's broad gauge rolling stock.

The few trollies we have are of a light description, and they can be altered to suit the metre gauge. The only item of plant we wish to dispose of is the large wheel lathe, a description of which is enclosed.

In the early days of our working the expenditure upon rolling stock was not in all cases recorded against each vehicle constructed; the prices therefore included in the statement opposite each description of vehicle do not agree in total with the expenditure recorded in the general books of the Company under

the

The heading of Rolling Stock. Those figures are as under

Locomotive stock .. Rs 541,762
Carriage & Wagon stock . 806,907

Rs 13,48,669

I have the honor to be
Sir
Your most obedient Servant
William Betts.
Agent

GREAT SOUTHERN OF INDIA RAILWAY.

WHEEL LATHE BY SMITH BEACOCK AND TANNETT.

Capable of turning without torsion wheels up to 7 feet diameter, will take in 9 feet between centres, will turn two wheels or bore two tyres separately on each face plate,—will turn a tyre on one faceplate or bore or boss on the other.

Has 5 speed cone and changing gear for single, double, or treble purchase, two compound slide rests with transverse and longitudinal motion selfac-ting on both feeds, double cone adjustment one under the lower, and one between the two slides.

Complete with overhead driving and striking gear dogs, (the dogs have been plated) chucks &c. in perfect order and condition.

WEIGHT 30 TONS

NEGAPATAM,
June 1874

Agent.

Dec. 1870.

Nov. 1870.

Oct. 1870.

Sept. 1870.

Aug. 1870.

July 1870.

Deed Book 125 Page 71

Deed Book 113 Page 214

Lib. B. Page 300.

Department

Consulting Engineer

Carriage Stock — Coaching Vehicles — Waggon Stock — Goods

Class	Where Built	No. in Train	Tare	Length over Buffers	Length over Headstocks	No. of Wheels	Class	Where Built	No. in Train	Tare	Length over Buffers	Length over Headstocks	No. of Wheels
Composite Carriage	Stroud	4157	7.1.2	10.6"	22.10"	12	Goods Brake Van		1459	12 tons	4.	5.1	
2 Class & Mail Van		1878	6.15.1	—	22.8"	12	Covered Goods Trucks		1676	50 tons	150	5.6	
3rd Class Carriage		1528	5.16.3	10.6"	22.8"	12	Open Goods Trucks		936	12 tons	50	5.2	
Passenger Brake Van		2383	6.6.0	9.0"	18.8"	8	Coal Trucks		1449	20 tons	50	4.0	
Horse Boxes		1969	5.16.3	9.0"	18.6"	8	Cattle Trucks		1881	8 tons	25	5.0	
Carriage Trucks		1081	4.6.3	9.0"	18.8"	4	Ballast Waggons		986	12 tons	50	4.0	
							Timber Trucks		1295	10 tons	40	3.0	
							Guards Van						
							5 Ton Travelling Crane		2341	10 tons	1.	9.0	
							10 Ton Travelling Crane		5116	20 tons	1.	14.0	

* 25 Covered goods Truck 10 Tons each —

Negotiated
Local Manager's Office
23rd September 1874

Agent

Local Manager

	Ce dernier Tonneau	Tonneau	Quille	Bau	Creux
	P. C. S.				
Long.			9'. 0"		18'. 6"
2.e Cle		11. 0. 0	9'. 0"		18'. 6"
3.e Cle		11. 0. 0	9'. 0"		18'. 6"
Dun		12. 16. 0	9'. 0"		18'. 6"
Dun		15. 5. 0	10'. 0"		21'. 0"
Hou		15. 6. 0	8'. 2"		17'. 2
Carr		8. 16. 0	6'. 3"		13'. 0"
		Dorée.			
			7'. 11"		17'. 10"
			12'. 3/12		23'. 6"

Loca. Ard.
23.e Cle. Dub

Railway Department.

CONSULTING ENGINEER'S OFFICE.

No. 580.

From

LIEUT.-COLONEL J. H. M. SHAW STEWART, R.E.,

Consulting Engineer for Railways,

To

COLONEL G. W. WALKER, R.E.,

Secretary to Government,

Public Works Department.

Fort Saint George.

SIR,

With reference to the Proceedings of Government No 2157 dated 5th August 1874. I have the honour to submit letter No 119 dated 25th instant from the Agent of the South Indian Railway giving cover to a return of the broad gauge engines and rolling stock belonging to that Company's line together with a detailed description relating to them which has been asked for by the Government

of

of India.

2. With regard to trollies Mr Betts reports that the few at present with the Company are of a light description and can be altered to suit the metre gauge. There is no plant to be disposed of except a large wheel lathe a description of which is enclosed.

3. The subject referred to in paragraph 4 of Public Works Department letter No 1545R- dated 8th July 1874 embodied in the Proceedings of Government under acknowledgment is still under the consideration of the Railway authorities, and I trust to be soon in a position to reply to the Government of India

I have the honour to be
Sir
Your most obedient Servt
Lieut Colonel RE
Inspector for Railways

Madras
8 Sept 1874

P. W. 1874 Dept.
Rec'd for Govt for Order

RAILWAY DEPARTMENT.

No. 6125

From
The Consulting Engineer
for Railways.

To
The Secretary to Government,
P. W. Department,
Fort Saint George.

Dated 29th Septr 1874
Recd. 1st October 1874

E. 3.

No. 580.

Submitting a letter from the Agent of the South Indian Railway giving copy & a return of the broad gauge engines and rolling stock belonging to that Company's line

Ordered that the foregoing correspondence with statement be forwarded to the Govt of India with reference to docket No. 821 P. W. 1874 from Under Secretary to Govt P. W. Dept.

Govt Order No. 2915
Dated 2nd October 1874
Copy of the above forwarded to the Govt of India
Public Works Dept
Public Order No. 1 Dated 3rd Oct 1874
Nos. 300-302.

6125

Govt. of Madras.

PUBLIC WORKS.

To The Secy. Govt. Rlys.
& Secy. Govt. P. W. Dept.

Dated 30th Sept. 1874
Rec'd 2nd Oct. 1874, No. 2914
Encl. 3
C. O. 2915

Nos. 300-302.

Engines & Rolling Stock - South Indian Ry - The correspondence with statement submitted by the Consr for Rys containing information regarding the broad gauge Engines & Rolling stock belonging to the S. Rs

Forwarding correspondence with a statement containing information regarding the broad Gauge Engines & Rolling Stock belonging to the South Indian Ry Co.

Co. ordered to be forwarded to the Govt of India -