

(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.	2693	Press
B.P. No.		Mis.
Dated	6-10-1951	C876

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
6th October 1876. No. 2,693.*

No. 95. Read the following letter from Colonel H. DRUMMOND, R.E., Deputy Secretary to the Government of India, Public Works Department, (Railway,) to Major-General G. W. WALKER, R.E., Secretary to the Government of Madras, Public Works Department, (Railway,) dated Simla, 23rd September 1876, No. 2,510 R. :—

I AM directed to acknowledge the receipt of your letter, No. 1,981, of the 22nd August 1876, forwarding for sanction plans and estimates for additional works required by the South-Indian Railway Company at Trichinopoly.

2. In reply, I am to convey the confirmation by the Government of India of the provisional sanction to the outlay of Rupees 89,911 mentioned therein as having been authorized by the Consulting Engineer for Railways to the Government of Madras. But with regard to the required total sanction of Rupees 1,43,530, I am to invite attention to this office letter, No. 1,891 R., of the 24th July 1876, and to say that a reply thereto will be awaited, and that until the question of retaining permanently the broad gauge between Erode and Trichinopoly has been finally settled, the expenditure on the present junction at Trichinopoly should be kept as low as possible.

3. The sanction given in paragraph 2 has been registered in this office as No. 11 M. R. of 1876-77, and the estimates received with your letter are returned herewith.

No. 96. ORDER THEREON, 6th October 1876, No. 2,693.

RAILWAY, No. 11-A.

COMMUNICATED to the Consulting Engineer for Railways for information and guidance of the Railway Authorities,

with reference to G.O., No. 1,980, dated 3rd August 1876.

2. The letter from the Government of India, No. 1,891 R., dated 24th July 1876, is undisposed of.

3. The sanction accorded by the Government of India has been registered as Railway No. 17 W of 1876-77.

(True Extract.)

Colonel,
Offg. Under Secy. to Govt., P.W.D.

To the Consulting Engineer for Railways.
„ Examiner of Railway Accounts.

Exd. E. C. Shunker.
Spare copies.

No. 2510R.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

Railway.

To
The Secretary to the Govt of Madras
Public Works Department (Railway)

Simla, 23rd September 1876

Sir,

I am directed to acknowledge the receipt of your letter of 1st 1981 of the 22 August 1876 forwarding for sanction plans and estimates for additional works required by the South Indian Railway Company at Trichinopoly.

2. In reply I am to convey the confirmation by the Government of India of the provisional sanction to the outlay of Rs. 59,711 mentioned therein as having been authorized by the Consulting Engineer for Railways to the Government of Madras - But with regard to the required total sanction of

S. S. Ry

Engineering Department
Southern Extension

C

Abstract Estimate of proposed additional Sidings Extension of Platform
Erecting Carriage Shed and Covered platform &c at the Junction Station
Laying mixed gauge from Junction to S.A. Station and laying narrow gauge
Siding - erecting transshipping Platform &c covering for same at S.A. Station

Final part of sect.	Particulars	To be expended to be drawn disbursementally from Store	Total
III	<u>Construction of Line</u>		
	1 Earthwork	6,144	6,144
	2 Bridgework		
	1 Minor Bridges & Culverts	252	252
	<u>Ballast and Gravel</u>		
	1 Ballasting	5,035	5,035
	2 Permanent way	5,774	5,774
		84,489	93,263
	<u>Stations and Buildings</u>		
	1 Station and office	22,712	22,712
	4 Station Machinery	2,665	2,665
		9,239	11,904
			38,836
			98,298
			5,396

Chief Engineer's Office
Machinists
9th January 1876.

Davida Doga

Chief Engineer

William D. H.

Agent
19/1/76.

S. I. P.
Engineering Department
Southern Extension

Details of Estimate of proposed additional Sidings - Extension of Platform, Erecting Carriage Shed & Covered Platform for 1/2 at the Junction Station. Laying inside gauge from Junction to Port Station & laying a turn single Sidings. Erecting, Transshipping Platform for 1/2 coming for same at Port Station.

No of Total has of a/c	Particulars	Unit	Quantity	Rate	Rs Rs	Rs Rs	Total
					expended	claim	
						necessarily from other	
III	Construction of Line						
	1 Earthwork						
	In Embankments	Exp	1480 9/29		2,545		
	" Cuttings	"	6,63 9/8		3,308		
	Contingencies				293		6,146
	2 Bridge work						
	1 Small Bridge & Culverts						
	Contracting Culvert Rs 308 + 309						
	Masonry	Exp	30 8/1		240		
	Contingencies				12		252

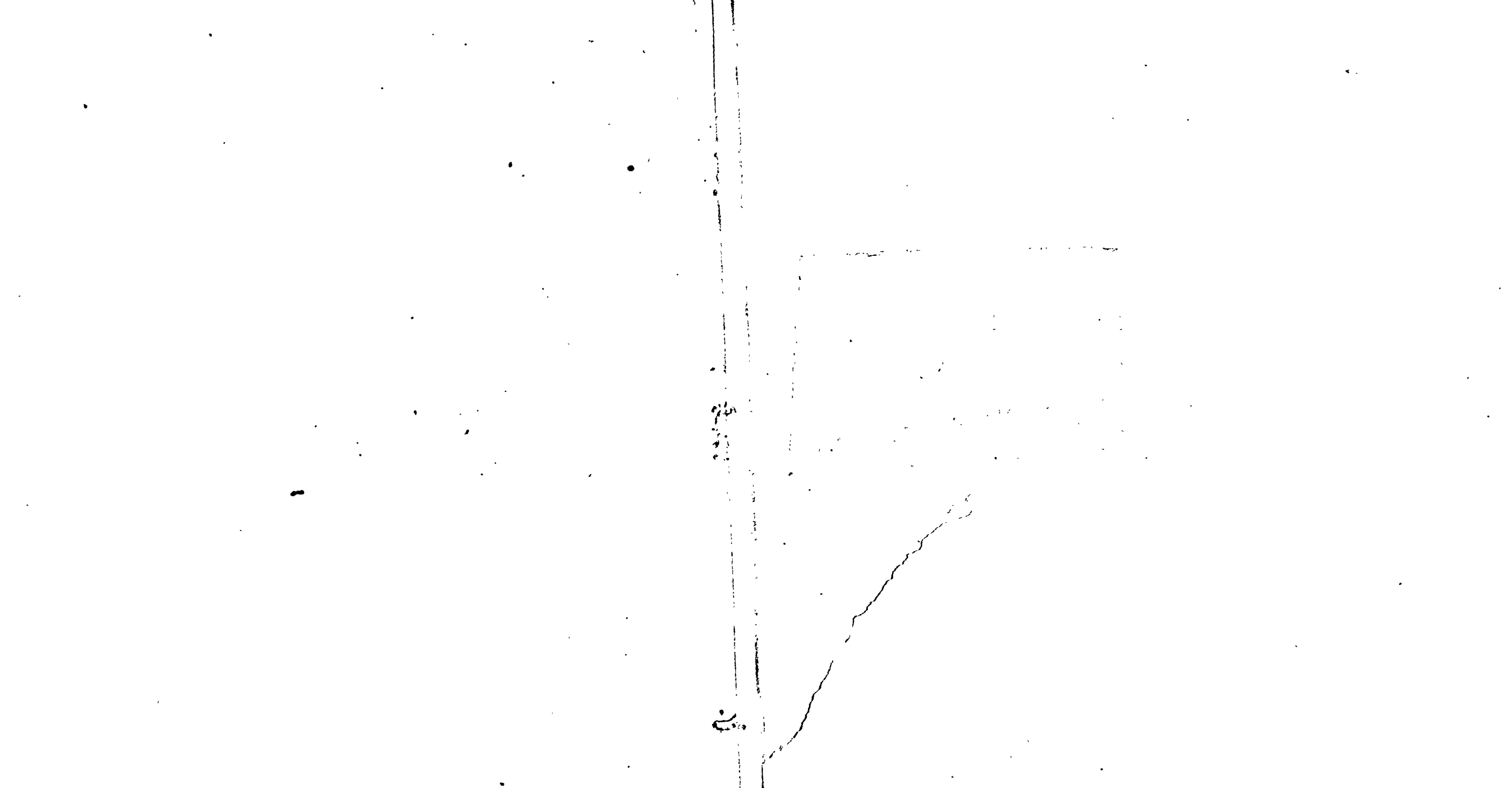
IV Ballast & Permanent way.

1 Ballasting					
1/2 Sidings	Exp 6956 9/8	2,478			
Shifting and replacing	" 5267 9/4	1,317			
Contingencies			240		5,035
2 Permanent way					
Narrow gauge Material					
in Sidings	Exp 1,909 7/10	" " 13,363			
Broad gauge Material in S.	" 5,330 12/10	" " 69,966			
Laying S.	" 6,864 9/8	3,432			
Carriage of Materials	Rs 30 64,000 9/15	1,667			
Loading and Unloading	Rs 800 9/8	600			
Contingencies			275	4,166	
			5,774	87,689	93,463
IV Ballast & Permanent way 98,298					

Final check page	Particulars	Unit	Quantity	Rate	expended disbursements = actually	to be charged forward	total	total
<u>Stations and Buildings</u>								
<u>1 Station and Office</u>								
<u>Carriage Shed as per Plan No. 630.</u>								
	Excavation of foundations	Cy ³	158 9 ⁵ / ₁₆		30			
	Masonry	"	287 5 ⁵ / ₁₆		3896			
	Skatwood wrought	Cft	1335 4 ¹ / ₁₆		5340			
	Roofing with flat and bow tiles & Chinese bricks per	Sq ^{rs}	80 12 ¹ / ₁₆		960			
	Heavy Crank tiled work	Sq ^{ft}	1400 9 ¹ / ₁₆		350			X
	Contingencies				529		1105	
<u>Covered Platform for Passengers</u>								
	Deck timber wrought	Cft	1230 4 ¹ / ₁₆		1920			
	1" Planking	Sq ^{ft}	1000 9 ¹ / ₁₆		1720			
	Corrugated Galvanized Iron	lbs	20,570 20 ¹ / ₁₆		2298			
	Labour in putting up Roof	Sq ^{rs}	100 9 ¹ / ₁₆		400			
	Masonry	Cy ³	60 5 ⁵ / ₁₆		460			
	Masonry with asphalt	Sq ^{rs}	57 18 ¹ / ₁₆		1026			
	Do - Concrete	"	57 5 ⁵ / ₁₆		285			
	Contingencies				341	201		X
					4782	4219	12001	
<u>Extension of Platform.</u>								
	Excavation of foundations	Cy ³	80 9 ⁵ / ₁₆		15			
	Masonry	"	126 5 ⁵ / ₁₆		1008			
	Stone coping 12" x 6"	Lnft	220 1 ⁵ / ₁₆		830			
	Earth filling	Cy ³	185 1 ¹ / ₁₆		82			
	Metalling	"	40 1 ⁵ / ₁₆		60			
	Contingencies				72		157	
<u>Wharf at Station</u>								
	Earthwork	Cy ³	200 9 ⁵ / ₁₆		111			
	Old sleepers for Platform	"	150 1 ⁵ / ₁₆		150			
	Covering to Platform	Lnft	200 4 ⁵ / ₁₆		900			
	Contingencies				58		1219	
	Carried over						25842	

Kind of work	Particulars	Unit	Quantity	Rate	Amount expended at the time of purchase	Total	Total
	<u>Similar Platform at 1st Station</u>						
	Bringing down and rebuilding a portion of the above	cft	12 1/4	9 1/2			
	Contingencies				54	101	
	<u>Passengers Platform at 1st Station</u>						
	Reducing level of passengers platform	cft	666 3/4	16 1/4			
	Bringing down Platform wall	"	50 7/8	25			
	Bringing up & relaying stone paving	sq ft	600 1/2	150			
	Contingencies				47	989	
							26,732
	<u>1 Station & offices</u>						
	<u>4 Station Machinery.</u>						
	<u>Small Machinery.</u>						
	Water pump with pressure pump	"	1		500		
	Double force pump pipes & fittings for complete	"	1		400		
	Driving water pump & including masonry & drains			125			
	Switching well and starting			500			
	<u>at Ash pits.</u>						
	Excavation	cft	80 1/3	15			
	Masonry	"	62 1/2	496			
	Shut-tiles for longitudinal	cft	18 1/2	72			
	House over well						
	Bungal Roofing	sq ft	2 1/2 10 1/2	25			
	White tiles wrought	cft	50 1/2	202			
	Contingencies				73	52	
					1,538	1,082	2,620
	<u>Signals</u>						
	Single Arm Semaphore Signal	ch	1 30 1/2		300		
	Posts & fittings & including masonry			120			
	Contingencies				6	15	
					126	315	441
							3,061
	<u>Carried over</u>						

Kind of oil	Particulars	Unit	Quantity	Rate	So far expended to be disbursed by from the	Total	Total
	Brought forward				R. 40 P. R. 40 P. R. 40 P. R. 40 P.		
	Station Machinery (Contd.)					3061	
	Sweeties & Croppings						
	Single Sweeties for Cannon fange	lb	19	115 1/4	" " 2,465		
	D: for Broad D:	"	6	196 1/4	" " 1,176		
	Croppings for Cannon fange	"	20	80 1/2	" " 1,600		
	D: for Broad D:	"	19	102 1/4	" " 1,938		
	Laying points and Croppings	dy	875	1 1/2	875		
	Carriage of materials	S. M.	2400	9 1/5	63		
	Loading & unloading	dm	30	98	15		
	Contingencies				48	373	
					1001	7,842	8,843
	Station Machinery						11,904



South Indian Railway
Southern Extension
District No. 1

Received with Agents
letter No. 1173 of 19th Jan'y 1976

O. N. ¹⁰⁷²~~1173~~ / 76
2*

Abstract Estimate
of proposed additional
bedungs Extension of
Platform Erecting &
Carriage Shed and
Covered Platform &c.
at the Junction
Station Laying mixed
Gauge from Junction
to Port Station and
laying Narrow Gauge
bedungs Erecting &
rawhipping Platform
&c covering for same
at Port Station. T. J. A & B

No. 143530--

CB. No. 26930/6-10/76

11732
2
234

D

S. I. Ry
Engineering Department
Station Extension

Abstract Estimate of Expenditure proposed to be incurred in the proposed station accorded in Consulting Engineer's Telegram of 17th May 1896 including the Sidings closed blue in the accompanying plan, Extension & covering in of Platform at Junction Station - Laying mixed gauge with heavy permanent way material from Junction to End Station and erection of new shipping platform at Krishnaswamy Station.

Particulars	Total	Total
III Construction of <u>Line</u>		
1 Earthwork	1,137	1,137
2 Bridgework.		
1 Minor Bridges Culverts	252	252
IV Ballast and Permanent way		
1 Ballasting	2,472	2,472
2 Permanent way	3,757	61,365
V Stations & Buildings		
1 Station and Office	10,518	14,737
4 Station Machinery	2,172	9,948
Total	24,685	89,911

Rs to be expended as to be drawn
disbursement from Store

Chief Engineer's Office
Trichinopoly
9th January 1896

David Vagoo
Chief Engineer

William B. B. B.

agent
19/1/96.

S. I. P. P.
Engineering Department
Southern Extension.

Details of Expenditure proposed to be incurred in the provisional sanction recorded in Consulting Engineer's telegram of 4/11/18 including the Sidings colored blue in the accompanying plan, Extension & covering in of Platform at Junction Station. Laying mixed gauge with heavy Permanentway Materials from Junction to Int. Station & erection of transshipping platform at Richmudra Station.

Particulars	Unit	Rate	Qty. expended	00 Rs	00 Rs	Total	Total
III Construction of Line							
1 Overthrow							
In Embankments			Cyds 6,300 1/2	1083			
Contingencies				54		1,137	
2 Bridge-work							
1 Ashut Bridge & Culverts							
Extending Culvert A. 318 + 309							
Masonry			Cyds 30 1/2	240			
Contingencies				12		252	
Construction of Line 1,389							

III Construction of Line 1,389

IV Ballast & Permanent way

1 Ballasting							
In Sidings			Lines 2,835 1/2	1,418			
Shifting & replacing ballast			3,422 1/4	936			
Contingencies				118		2,472	
2 Permanent way							
Stains gauge Material in siding			Lines 1,909 1/2		13,263		
Broad gauge			8		3,459 1/2		41,508
Laying			8		4,913 1/2		2,467
Carriage of Materials			1 M. 24,481 1/2	898			
Loading & unloading			8 M. 431 1/2	216			
Contingencies					179	2,744	
					3,780	57,615	61,365

IV Ballast & Permanent way 63,837

Final had 4 cts	Particulars	Unit	Quantity	Rate	Expenditures drawn from definitely Spec.	Est'd	Actual
	<u>Stations and Buildings</u>						
	<u>1 Station and Office</u>						
	(Built Platform for Suburbs)						
	Each wheel brought	1/4	1230 1/4	1490			
	1" Planing	Sq ft	10,010 9/16		1,720		
	Corrugated galvanized iron	lbs	20,592 25/16		2,298		
	Labour in putting up roof	Sq ft	100 1/4		700		
	a Masonry	Cy	60 8/16		480		
	Floring with asphalt	Sq ft	57 18/16		1,026		
	Do. Concrete	"	57 5/16		285		
	Contingencies				371	201	
					7,782	4,219	12,001
	<u>Extension of Platform</u>						
	Excavation of foundations	Cy	80 9/16		15		
	a Masonry	"	126 8/16		1,008		
	Stone coping 12" x 6"	Shift	220 1/8		330		
	Gravel filling	Cy	135 1/2		52		
	Metalling	"	40 1/16		60		
	Contingencies				92		1,537
	<u>Transshipping Platform</u>						
	Car tracks	Cy	222 9/16		111		
	Old sleepers for Platform	ft	150 1/4		150		
	Covering to Platform	Shift	200 4/8		900		
	Contingencies				58		1,219
	<u>Stations & Office</u>						14,737

4. Station & Machinery

Waste & Machinery

Waste track with pushing engine
Double force pump pipes
& fittings for complete set
Laying water drains 100
including Masonry & drains
Sinking well & storming

Carried over

"	"	581
"	"	450
125	"	"
500	"	"
625	"	1,030

Final head of water	Particulars	Unit	Length	Rate	No. of		Total
					expended	to be drawn	
					actually	from store	
	Sprought forward				R	a	P
	Asphalt Pk.				625	1,030	
	Excavation		Cy 80	7 1/2%	15		
	Massing			62 8 1/2%	496		
	Wall timber for longitudinal cft		18	4 1/2%	72		
	House over well.						
	Bungal Roofing		Sq 2 1/2	10 1/2%	25		
	Shake timber brought		cft 58	4 1/2%	232		
	Contingencies				73	52	
					1,538	1,082	2,620
	Signals						
	Single atom Semaphore signal No. 1		300 ft.			300	
	Pole & fittings including Massing				120		
	Contingencies				6	15	
					126	315	441
	Switches & Crossings						
	Single Switches for narrow gauge		13	10 1/2%		1,835	
	Do Broad gauge		6	19 1/2%		1,176	
	Crossings for narrow gauge		16	8 1/2%		1,280	
	Do Broad		17	12 1/2%		1,734	
	Laying points & crossings		Lys 455	1 1/2%	455		
	Carriage of materials		Yms 1120	9 1/2%	29		
	Contingencies				24	304	
					578	6,379	6,887
	4 Station Machinery						9,948

South Indian Railway Southern Extension

District No. 1

Received with agents letter No. 1173
dated 19th January 1876
P. W. ~~1875~~ / 76

Abstract Estimate of
expenditure proposed
to be incurred in con-
struction of
Engineers Telegram of
11th November 1875
including the sidings
coloured blue in the
accompanying plan,
extension and covering
of Platform at Junction
Station. Laying mixed
gauge with heavy &
permanent way materials
from Junction to Port
Station and erection of
canalising platform
at Chuchupoly Station
Tracings A & B.

Rs 89911-0-0

Sanctioned by Government of India
Under G.O. No. 2693 of 6/10/76

G.O. No 2693- 76/10/76

11732

3

2

No 2693

Public Works Department

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 6th Oct 76.
Read the following:

From
The Govt. of India (H.E. No. 2510 Rd 23rd Sept 76)

Communicated to
the Consulting Engineer
for Railways for in-
formation and guidance
of the Railway autho-
rities with reference to
G.O. No. 1980 dated 3rd Augt.
1876.

2. The letter from the
Govt. of India No. 1891 R
dated 24th July 1876
is undisposed of.

The sanction accorded
by the Govt. of India
has been registered as
Railway No. 17 W. of
1876-77-
Cons. Eng^r for Rys: ✓
Ext. Rys. Accts: ✓
Desd 21/

70
Govt. of 1876: Madras.

PUBLIC WORKS.

To

Mr. Comr Eng^g for the

Print

Issue

Recd

Encl.

G. O. 1st Oct 1876, No. 2673

Nos. 5 6

Additional Works required
by the South Indian Ry
Company at Enclimopoly

Letter from the Govt of
India enclosing Estimates
for ———— to the

Chief Engineer Ry.

23 10/96