Public Works (1907) Depart

RAILWAYS.

G.O., No. 867 Ry

DATED 22d May/07.

Includes Go No 553 Ry
27.3.07

[Despatch Abstract.]

Estimate for providing permanent arrangements at Aduthorai Station S. I. Ry.

Communicating to the Agent South Indian Railway the sanction of the Railway Board to the — amounting to Rs 41384/—

Indexed

BACK PAPERS.

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

FURTHER PAPERS.

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

CURRENT FILE.

553 Ry 27-3-07.

1

No. A.C.1924/1/32

South Indian Railway Co., Ld.
AGENT'S OFFICE,
Trichinopoly, 5th March 1907.

CONSULTING ENGINEER FOR RAILWAYS
Regtr. No 155.1.R
6 MAR. 1907
DRAWING BRANCH

CONSULTING ENGINEER FOR RAILWAYS
RECEIVED
6-MAR-07
C. No. 1397
MADRAS

Cw
6/3

From

The Agent,

SOUTH INDIAN RAILWAY,

To

The Consulting Engineer

for Railways,

Madras.

Sir,

With reference to the accompanying extracts, in duplicates, from

(1) my letter No.1017 of 8th August 1906, to the Managing Director

(2) the Managing Director's letter No.372 of 26th October 1906

I have the honor to forward (in duplicate) for sanction estimate No.28/07 amounting to Rs.46,687 chargeable in the proportion of Rs.42,191 to Capital and Rs.4,496 to Revenue, for providing permanent arrangements at Aduturai Station.

2. Details of the proposed works are shewn on the accompanying drawings, also sent in duplicate, viz:-

1907/06	General Arrangements.
476 B/04	Ticket Office and Waiting Shed
488/06	Latrine
987/03	Portable Goods Godown
317/99	Latrine for menials quarters

3. The type plans of staff quarters A. C. D. were approved by your letter No.374/0 Mis. of the 26th September 1906. Attached is a rental statement.

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

15 Enclosures by Ry Parcel

XIV

Case 241(1)

[illegible]

Cf

2

Encls

Encls
No 1397
6.3.07

South Indian Railway Company, Limited.

Extract from the Agent's Letter No. 1017, dated Trichinopoly, the 8 August 1906 to the Managing Director.

Adutarai permanent station arrangements.

7. In paragraph 7 of the Agent's letter No. 780, dated 29th January, 1902, you were advised that the sanction of Government had been applied for to an estimate of Rs. 30,638 for permanent arrangements at this station originally opened as a trial one. Owing, however, to want of funds work was not proceeded with, and I now forward for the sanction of the Directors a detailed estimate amounting to Rs. 49,687 chargeable in the proportion of Rs. 45,108 to Capital, and Rs. 4,579 to Revenue. The increase in the amount of the estimate now submitted as compared with that referred to in the letter of 29th January, 1902, is due to the:—

(*a*) acquisition of additional land

(*b*) provision of a gravel siding

(*c*) provision of quarters for Assistant Station Master and Porters not originally contemplated

(*d*) provision of 50 lbs. 1st class permanent way instead of 40 lbs. 2nd class permanent way materials originally estimated for.

Details of the proposed arrangements and buildings are shown in the set of drawings sent in the packet.

Enclosures.

Estimate for permanent arrangements at Aduturai station with copies of Plans:—

No. $\frac{197}{1906}$ — General arrangements.
,, $\frac{476\text{ B.}}{1904}$ — Ticket office and waiting shed.
,, $\frac{480\text{ A.}}{1904}$ — Passenger latrine.
,, $\frac{987}{1903}$ — Portable Goods shed.
,, $\frac{602}{1906}$ — Station Master's quarters.
,, $\frac{592}{1906}$ — Assistant Station Master's quarters.
,, $\frac{613}{1906}$ — Porters' quarters.

AGENT'S OFFICE,
TRICHINOPOLY,
5 March 1907.

Accompaniment to the Agent's Letter
No.............. of 190

(True Extract.)

W Le Mesurier
for Agent.

Hoe & Co., Trichy—13-9-06—1,000.

FROM
The Agent,
South Indian Railway,
Trichinopoly,
To
The Consulting Engineer
for Railways,
Madras.
Dated } 190 .
Received }
No.
Enclosure.

[illegible]
C No 1397
6.3.07

SOUTH INDIAN RAILWAY COMPANY LIMITED.

Extract from the Managing Director's Letter No. 372 dated London, the 26th October, 1906, to the Agent.

ESTIMATES SANCTIONED.

20. The following estimates are sanctioned by the Board—

Your **1,013.**	Flood protective works, Gudur Branch	34,341
,,	Drivers' and Firemen's quarters Villupuram ...	2,43,508
,,	Renewal of Girders, 30 ft. span and under, from Tanjore to Trichinopoly	1,16,621
1,014.	Negapatam—fire protection	16,631
,,	Interlocking at 3 stations	22,727
1,015.	,, 13 ,, ...	1,28,084
,,	Survey of extension to Danishkodi	5,800
1,016.	Negapatam—additional tools	62,410
,,	Electric light for 6 3rd class	9,000
1,017.	,, 3 vehicles	6,675
,,	Aduturai permanent station	49,687
1,018.	Pandaravadai ,, ,, ...	18,737
,,	Dindigul—engine turntable	10,183
,,	Interlocking trial station, Martin's system	7,400
1,019.	Electric equipment of 67 Bogie coaches	1,04,440
1,020.	Staff for Kodamurutti Bridge	3,240
1,021.	Villupuram—drainage of yard	9,128
,,	Raising rail level	8,765
		Rs. 8,57,377

AGENT'S OFFICE,
Trichinopoly,
5 March 1907

(True Extract).

J H LeMesurier
Secretary.

-5

4

No. A.C.1924/1/34

South Indian Railway Co., Ld.
AGENT'S OFFICE,
Trichinopoly, 15th March 1907.

CONSULTING ENGINEER
Regtr. No. 20 S.I.R.
16 MAR 1907
DRAWING BRANCH

CONSULTING ENGINEER
RECEIVED
18 MAR
C. No. 1629

From

The Agent,

SOUTH INDIAN RAILWAY,

To

The Consulting Engineer

for Railways,

Madras.

Sir,

In supersession of the estimate forwarded with my letter No.A.C.1924/1/32 of 5th instant I have the honor to forward (in duplicate) a revised estimate amounting to Rs.41384 chargeable in the proportion of Rs.36,888 to Capital and Rs.4496 to Revenue for permanent arrangements at Adutural station. The difference of Rs.5,303 is due to the reduction in area of the land proposed to be taken up.

I have the honor to be
Sir,
Your most obedient Servant,

Agent.

Enclosure
Estimates 2.

5

Form No. 4-R.
200—20-6-05.

Government of Madras.

From

Mr. G. A. Anderson,
Secretary to the Government of Madras,
Public Works Department, Railways,

To

The Secretary to the Railway Board.

No. 553 Ry

Madras, dated 27th March 1907

Sir,

I am directed to forward for the orders of the Railway Board estimate No.28 of 1907 as shown in the margin for providing permanent arrangements at Aduturai station on the Main line of the South Indian Railway together with drawings Nos.1907/06, 476 B/04, 488/06, 987/03, and 317/99 showing details of the proposed works.

Amount of Estimate Rs.41,384.
Chargeable to South Indian Railway.
Allocation to Capital Rs.36,888.
" to Revenue Rs.4,496.
Funds available or not. Available.
Estimate recommended or not. Recommended.
Allocation " " Recommended.
Board's approval obtained or not - Obtained.
Please see Home Board's letter No.372, dated 26th October 1906, para 20.

A

2. The difference between the amount approved by the Home Board and the amount of estimate as now submitted is due to provision of second hand permanent way materials and a reduction in the area of land proposed to be taken up.

I have the honour to be,
Sir,
Your most obedient servant,

for initials

for Secretary to Government.

Documents accompanying.

Estimate No.28 of 1907.
Drawings referred to.
Extract from the Agent's letter No.1017, dated 8-8-1906, and from Home Board's letter No.372, of 26-10-1906.

28/3/07

FROM
THE AGENT,
SOUTH INDIAN RAILWAY,
TRICHINOPOLY,

To
THE CONSULTING ENGINEER
FOR RAILWAYS,
MADRAS.

Dated } 190 .
Received }

No.

ENCLOSURE.

6

a/13/5

All communications should be addressed to the Secretary, Railway Board, by title NOT by name.

RAILWAY BOARD.

SECRETARY TO
RECEIVED
13 MAY 1907
C. No. 709
GOVT. OF MADRAS RY.

No 153 R.C.

SIMLA

Dated the 7th of ~~April~~ May 1907.

To

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

SIR,

p5cf

In reply to your letter No.553 Ry. dated 27th March 1907, I am directed to communicate sanction to the estimate therewith forwarded, amounting to Rs.41,384/- for providing permanent arrangements at Aduturai station on the Main line of the South Indian Railway.

2. This sanction which is chargeable in the proportion of Rs.36,888/- to Capital and Rs.4,496/- to Revenue has been registered as No. 4 South Indian Railway of 1907.

I have the honour to be,
Sir,
Your most obedient servant.

Hadow

for Secretary, Railway Board.

Documents accompanying:-
Nil.

b I. G. P. O.—No. 502 R. B.—21-8-1906—5,000.—I. T. N.

7

No. A.C.1924/1/38

South Indian Railway Co., Ld.
AGENT'S OFFICE,
Trichinopoly, 16th May 1907.

2854

From

The Agent,
SOUTH INDIAN RAILWAY,

To

The Consulting Engineer
for Railways,
Madras.

Sir,

I have the honour to remind you of my letter No. A.C.1924/1/34 of 15th March 1907 forwarding amended estimate for permanent arrangements at Adutural station.

Papers were sent to DGR on 16.5.07.

I have the honour to be,
Sir,
Your most obedient servant,

Agent.

FROM

The Agent,
South Indian Railway,
Trichinopoly,

To

The Consulting Engineer
for Railways,
Madras.

Dated } 190 .
Received }

No.

Enclosure.

8

Form No. 9-R.
5,000—8-3-07.

B

Papers to be read in Proceedings :--

(p. 1 cf). Letter from the Agent S I Ry No A.C. 1924 1/32 dy 5.3.07.

(p. 4 cf) Letter from the Agent S I Ry No A.C. 1924 1/34 d 15.3.07

(p. 5 cf) Letter to the Ry Board No 55 3 Ry d 27.3.07

(p. 6 cf) Letter from the Ry Board No 15 3 R C d 7.5.07

ORDER, No 867 Ry d 22 May 07

Communicated to the Agent S I Ry with reference to his letter No A.C. 1924 1/34 dy the 15th March 07.

p. 4 cf

2 This sanction has been registered as No 13 Ry of 1907.

Cow
20/5/07

D.R.

CR 19/5

18.5.07

To

A ✓
C.R ✓
E.R ✓

22/5/07

Form No. 7 R.
3,000—17-11 06. A.

1

PUBLIC WORKS DEPARTMENT, RAILWAYS.

EXAMI[illegible] 248 11 MAR 1907 MADRAS.

No. 509 Row
11/3/07.

Receipt no: 1397 d 6th March 1907
From the Agent. S. I. Ry
No. A.C. 1924/1/32 d 5th March 1907
Subject. Forwd for sanction an estimate for providing permanent arrangements at Adutirai station

---

CR.

For favour of remarks

11/3/07

for E R
6/3/07

Allocation and Budget provision in order.

may sanction.

of the Railway Board is necessary.
Attention is invited to the Rent Stt Form R VIII.
The Types & cost are per E R's consideration.

12/3

C. R.

12/3/07.

12/3/07

The entries in columns 17 & 18 of the rent statement should be "nil".
Forward estimate to the Ry. Bd.

Cow
13/3/07

A draft letter to the Railway Board is submitted.

14.3.07

14.3.07.

18/3/07

Receipt no 1609 d 16th march 1907
From the Agent. S. I. Ry.
No A.C. 1924/1/34 d 15th march 1907

EXAM
307
21 MAR 1907

The letter to the Railway Board forwarding the estimate received with the Agents letter no: A.C. 1924/1/32 dated 5th march 1907 has not yet issued.

The Agent now submits a revised estimate in supersession of the one ~~forwarded~~ which is about to go to the Railway Board.

Submitted that the letter to the Railway Board may be cancelled and the Agents letter now received be sent to CR for remarks.

609 Rew
21. 3. 07

19.3.07

17/3/07

Yes

20/3/07

21/3

22/3

The revised Abstract and the sheet containing revised detailed Est. for Land. have been substituted for the originals. The Co. reduced the Estimate for Land by Rs 5,303. The draft letter to the Ry Bd may be modified and amplified as shown in pencil.

25/3

CR

Issue draft as amended by CR.

23/3/07

25/3

26/3/07

P.T.O

Receipt No. 2854.
From the Agent, S.I. Ry.
No. A.C. 1924/1/38 d/ 16.5.07.
Subject:— Requesting a reply to his letter No. A.C. 1924/1/34 of 15th March 1907, forwarding amended estimate for permanent arrangements at Aduturai Station.

Railway Board's letter No. 153 R.C. dated the 7th May 1907 was sent ~~from~~ by the Ooty office to have the connected papers put up for it and originals of S.O. No. 553 Ry. d/ 27.3.07. "forwarding for the orders of the Railway Board an estimate amounting to Rs 41,384 for providing permanent arrangements at Aduturai Station, S.I. Ry" was accordingly put up and sent to Ooty on 16.5.07.

For orders whether the above current may also be sent to ~~Ooty~~ for disposal.

H.S. 17.5.07. W. 17/5/07

Send to Ooty
18.5.07.

The sanction of the Railway Board has been received to the above estimate & the papers are with S.R. with a draft — for disposal.

C.R. 28/5

D/ 18/5/07

Form No. 7 R.
3,000—17-11 06. A.

PUBLIC WORKS DEPARTMENT, RAILWAYS.

p5 cf

Action taken in letter No. 553 Ry dated 27/3/07 to the Ry Board.

Receipt No 709 dated 13-5-07
From. The Railway Board
No 153 R C d/ 7-5-07

p6 cf

Draft submitted.

CR 13/5
GDR 18.5.07
R

Issue
Cw 20/5/07
EWL 20/5/07

Action taken in p. No. 867 Ry dated 22d May 1907 to A

[illegible] No 1397
[illegible]

[illegible] ENGINEER'S [illegible]
1551 R
DRAWING BRANCH

SOUTH INDIAN RAILWAY COMPANY, LIMITED.

Estimate.

FOR

Permanent Station arrangements at Adutarai Station.

AT G.O. 867 Rya/22/5/07

Rs. 46687.

SOUTH INDIAN RAILWAY COMPANY, LIMITED.

Form R. VII.

(To accompany Estimate.)

Rules for the Preparation of Railway Projects.

Hoe and Co., Madras.

Quarters for Staff at Adutarai Station

Serial No.	REFERENCE TO TYPE.		DESCRIPTION OF STAFF QUARTERS.			COST OF STAFF QUARTERS.			CLASS OF OCCUPANTS FOR WHOM INTENDED.				RENT FOR WHOLE BLOCK LEVIABLE UNDER THE RULES OF THE RAILWAY.					Remarks.
	Type No.	Drawing No.	Name or Class.	Number of Units in One Block.		Cost of One Block.		Total Cost (excluding Tools and Establishment) and Share of Land. Rs.	Number.	Probable Rate of Monthly Salary of each Occupant Rs. (per mensem)	Probable Total Annual Salary of all Occupants. Rs. (per annum.)	Percentage of Total Annual Salary of Occupants to Total Cost of Block (per cent.)	Rs. per mensem.			Probable Rent to be actually charged to probable Occupants(d) Rs. (per annum.)	Percentage of Probable Actual Annual Rent to Total Cost.	
				Single.	Married.	Main Building. Rs.	Out-houses. Rs.						(a) By Cost	(b) By Area.	(c) By Pay.			
1	2	3	4	5	6	7	8	9 *	10	11	12	13	14	15	16	17	18	19
			Station Master's Quarters						Subordinate	25	300	27.12	Nil	14	2.50	~~30.00~~	~~2.71~~	Free Quarters
1	D	750/1906	2 rooms = 280 S.ft	"	1	1051	"	1106		6 200	2400	217.00	"	14	20.00	~~240.00~~	~~21.70~~	
			Assistant Station Master's							17½	210	31.44	"	8	1.75	~~21.00~~	~~3.14~~	
2	C	749/1906	Quarters : 1 room = 120 S.ft	"	1	629	-	668		6 80	960	143.71	.	8	8.00	~~96.00~~	~~14.37~~	
			Porter's Quarters							6	72	18.37	"	8	0.60	~~7.20~~	~~1.84~~	
3	A	747/1906	1 room = 80 S.ft	"	1	229	142	392		6 10	120	30.61	.	8	1.00	~~12.00~~	~~3.06~~	

Note.—The entries in columns 14, 15, 16 and 17 will vary according to the Rent Rules of the Railway concerned—*vide* Resolution of Government of India, P.W.D Circular No. 36 Ry. of 27th December 1877 and Minute No. 16 of Official Meeting No. 1 of 1884.

For State Railways (*a*) column 14 should be calculated according to Public Works Department Code, Vol. I, para 1068 I, (*a*) and Vol. IV, Chap. III, para. 215.

" " (*b*) " 15 " " " " " Vol. IV, Chap III, para. 218, *e & f*.

" " (*c*) " 16 " " " " " Vol. I, para. 1068 I, (*b*) and Vol. IV, Chap. III, para. 218, *f & g*.

" " (*d*) " 17 will be *Nil* for subordinates referred to in Public Works Department Code, Vol. IV, Chap. III, para. 228 only.

Columns 10 to 13 and 17 and 18 should be invariably filled up; but of columns 14, 15 and 16 only those applicable to the particular class of Staff Quarters referred to need be filled.

* For details see back.

Chief Engineer.

= Rs 837
= " 214
= " 55
Total Rs 1106

Assistant Station Master
Main Building = Rs 501
Well = " 128
Land = " 39
Total Rs 668

Porters Quarters
Main Building = Rs 729
Well = " 187
916/4 = Rs 229 Single unit
Latrine 569/4 = 142
Land 84/4 = 21
Total Rs 392.

G. 9. F.

South Indian Railway Company, Limited.

Engineering **Department.**

ABSTRACT OF amended ESTIMATE No. ...., PLAN No. 163/07.

WORK
Name: Permanent Station arrangements,
Position: Adutarai Station.

e & Co., Trichy.

Description of Work.	Cash to be expended in India.	Value of Stores.	Total Value of Work to be done.	Chargeable to Capital.		Chargeable to Revenue.	
				Cash.	Stores.	Cash.	Stores.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
II. Land	4853		4853	4853	..	..	..
III. Formation.							
(a) Earthwork	960	..	960	848	..	112	..
IV. Bridgework.							
(b) Minor bridges.							
Extending 1-3ft.arched culvert at Mile 189/1⅛	189	155	344	98	155	91	..
V. Fencing &c.							
(a) Fencing	616	1779	2395	58	1779	674	
VI. Electric Telegraph	132	16	148	127	16	5	
VII. Ballast & Permanent way.							
(a) Ballast	1082	325	1407	808	220	274	105
(b) Permanent way	317	3878	4195	236	3171	81	707
Carried over	8149	6153	14302	6912	5341	1237	812

Rs. 36888. Rs. 4496.
English Stores.
Capital Rs.3918.

(Sd.) E.S.Lindsey,
for Chief Engineer,
Head of Department.

(Sd.) W.M.Simpson,
Chief Auditor.

(Sd.) F.A.OConnor,
Dy. *Examiner of Railway Accounts.*

(True Copy.)
Godfrey W. Moore
for Ag.Chief Engineer.

Consulting Engineer for Railways.

Agent.

15-3-07

G. 9. F.

South Indian Railway Company, Limited.

Engineering **Department.**

ABSTRACT OF ESTIMATE No. 28/1907, PLAN No. 197/06.

WORK { NAME Permanent Station arrangements,
POSITION Aduturai Station.

Hoe & Co., Trichy.

Description of Work,	Cash to be expended in India. Rs.	Value of Stores. Rs.	Total Value of Work to be done. Rs.	Chargeable to Capital.		Chargeable to Revenue.	
				Cash. Rs.,	Stores. Rs.	Cash. Rs.	Stores. Rs.
II. Land	10156	„	10156	10156	„	„	„
III. Formation.							
(a) Earthwork	960	„	960	848	„	112	„
IV. Bridgework.							
(b) Minor bridges.							
Extending 1-3ft. arched culvert at Mile 189/1½	189	155	344	98	155	91	„
V. Fencing &c.							
(a) Fencing	616	1779	2395	58	1779	674	„
VI. Electric Telegraph	132	16	148	127	16	5	„
VII. Ballast & Permanent way.							
(a) Ballast	1082	325	1407	808	220	274	105
(b) Permanent way	317	3878	4195	236	3171	81	707
Carried over	13452	6153	19605	12215	5341	1237	812
				Rs. 42191.		Rs. 4496.	

See Revised Abstract substituted above.

English Stores.
Capital Rs. 3918.

(Sd.) E. S. Lindsey,
for Chief Engineer,
Head of Department.

(Sd.) P. A. O'Connor,
Dy. *Examiner of Railway Accounts.*

(Sd.) W. M. Simpson,
Chief Auditor.
(True Copy.)

Chief Engineer.

Consulting Engineer for Railways.

for
Agent.

G. 9. F.

South Indian Railway Company, Limited.

Engineering **Department.**

ABSTRACT OF ESTIMATE No. 28/1907, PLAN No. 197/06.

WORK { NAME Permanent Station arrangements.
{ POSITION Adutarai Station.

o & Co., Trichy.

Description of Work.	Cash to be expended in India. Rs	Value of Stores. Rs.	Total Value of Work to be done. Rs.	Chargeable to Capital. Cash. Rs.	Chargeable to Capital. Stores. Rs.	Chargeable to Revenue. Cash. Rs.	Chargeable to Revenue. Stores. Rs.
Brought forward	13452	6153	19605	12215	5341	1237	812
VIII. Stations & Buildings.							
(a) Stations & Offices.							
Station house	1291	1365	2656	1278	1191	13	174
Passengers' latrine	150	364	514	150	364		
Passengers' platform	2115	1836	3951	1978	1659	137	177
Portable Goods shed	306	1135	1441	306	1135		
Goods loading bank	321	272	593	254	270	67	2
Passengers & Goods approach . .	3957	63	4020	3203	21	754	84
1-2' arched culvert under Passengers and Goods approach	181	102	283	181	102		
1-3' . . Do. . . . Do.	245	142	387	245	142		
Carried over	22018	11432	33450	19810	10183	2208	1249
				Rs. 42191.		Rs. 4496.	

English Stores.
Capital Rs.3918.

See Revised Abstract substituted above.

(Sd.) E.S.Lindsey,
for Chief Engineer,
Head of Department.

(Sd.) P.A.OConnor,
Dy. *Examiner of Railway Accounts.*

(Sd.) W.M.Simpson,
Chief Auditor.
(True Copy.)

Chief Engineer.

Consulting Engineer for Railways.

for
Agent.

G. 9. F.

South Indian Railway Company, Limited.

Engineering **Department.**

ABSTRACT OF ESTIMATE No. 28/1907, PLAN No. 187/06.

WORK { NAME Permanent Station arrangements,
{ POSITION Adutarai Station.

oc & Co., Trichy.

Description of Work.	Cash to be expended in India. Rs.	Value of Stores. Rs.	Total Value of Work to be done. Rs.	Chargeable to Capital. Cash. Rs.	Chargeable to Capital. Stores. Rs.	Chargeable to Revenue. Cash. Rs.	Chargeable to Revenue. Stores. Rs.
Brought forward	22018	11432	33450	19810	10183	2208	1249
(c) Staff quarters.							
Station Master's quarters . . .	799	38	837	643	11	156	27
Asstt. Station Masters quarters.	450	51	501	450	51	„	„
Porters' quarters: one block of 4 units	712	17	729	712	17	„	„
Latrine for Do.	221	348	569	221	348	„	„
Staff well	324	205	529	324	205	„	„
(d) Station machinery.							
Points & crossings	124	5402	5526	85	4863	39	539
Buffer stop	16	48	32	12	102	28	54
Platform weighing machine . . .	36	341	377	28	341	8	„
Signals	483	3332	3815	447	3285	36	47
Carried over	25183	21118	46301	22708	19202	2475	1916
				Rs. 42191.		Rs. 4496.	

English Stores.
Capital Rs.3918.

See Revised Abstract substituted above.

(Sd.) E.S.Lindsey,
for Chief Engineer,
Head of Department.

(Sd.) R.A.OConnor,
Dy. *Examiner of Railway Accounts.*

(Sd.) W.M.Simpson,
Chief Auditor.
(True Copy.)

Chief Engineer.

Consulting Engineer for Railways.

for
Agent.

G. 9. F.

South Indian Railway Company, Limited.

Engineering Department.

ABSTRACT OF ESTIMATE No. 28 1907, PLAN No. 197/06.

WORK { NAME Permanent Station arrangements,
POSITION Adutural Station.

Hoe & Co., Trichy.

Description of Work,	Cash to be expended in India.	Value of Stores.	Total Value of Work to be done.	Chargeable to Capital.		Chargeable to Revenue.	
				Cash.	Stores.	Cash.	Stores.
	Rs	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward	25183	21118	46301	22708	19202	2475	1916
IX. Plant.							
(e) Station & Office furniture.	„	281	281	„	281	„	„
VII. Unclassified Expenditure.							
(4) Carriage of Revenue Stores.	105	„	105	„	„	105	„
Total . .	25288	21399	46687	22708	19483	2580	1916

Sanction will lapse at the close of the quarter ending 30th. Septr. 1908.

Funds required on Capital account will be provided for in the Capital Budget Estimates for 1907-08 & 1908-09 and funds on Revenue account will be met from the provision under Heads II, III, IV & VII Abstract A Revenue Budget Estimates for the same years. By S.I.R.Board's letter No.372 of 26-10-06, sanction was accorded to an estimate amounting to Rs.49687: but owing to provision of 2nd.class P.way materials, the estimate has been reduced

Rs. 42191. Rs. 4496.

English Stores.
Capital Rs.3918.

See Revised Abstract substituted above.

(Sd.) E.S.Lindsey,
for Chief Engineer,
Head of Department.

(Sd.) R.A.OConnor,
Dy. Examiner of Railway Accounts.

(Sd.) W.M.Simpson,
Chief Auditor.
(True Copy.)

Chief Engineer.

Consulting Engineer for Railways.

for
Agent.

SOUTH INDIAN RAILWAY COMPANY, LIMITED.

Engineering **Department.**

DETAILS OF amended ESTIMATE No. ______, PLAN No. ______

Permanent Station arrangements,

NAME Adutural Station.

POSITION

Co., Trichy.

DESCRIPTION OF WORK.	Quantity.	Unit.	Rate.	Cash to be expended in India. Rs.	Value of Stores. Rs.	Total Value of Work to be done. Rs.	CHARGEABLE TO CAPITAL.		CHARGEABLE TO REVENUE.	
							Cash. Rs.	Stores. Rs.	Cash. Rs.	Stores. Rs.
I. Land.										
Additional land required for Station purposes including capitalized value of abatement of land revenue.	7.11	acre	650/-	4622	..	4622	4622	..	..	..
Contingnncies @ 5 %				231	..	231	231	..	..	..
				4853	..	4853	4853	..	..	..

Encl
C No 1609
16.3.0

CONSULTING ENGINEER FOR ... DRAWING BRANCH.
20 S.I.R
16 MAR 1907

G. 11 F.

SOUTH INDIAN RAILWAY COMPANY, LIMITED.

Engineering **Department.**

DETAILS OF ESTIMATE No. ____________, PLAN No. 197/06

WORK { NAME Permanent Station arrangements,
WORK { POSITION Adutarai Station.

Ioe and Co., Trichy.

Description of Work.	Quantity.	Unit.	Rate.	Cash to be expended in India. Rs.	Value of Stores. Rs.	Total Value of Work to be done. Rs.	Chargeable to Capital. Cash. Rs.	Chargeable to Capital. Stores. Rs.	Chargeable to Revenue. Cash. Rs.	Chargeable to Revenue. Stores. Rs.
II. Land.										
Additional land required for Station purposes including capitalized value of abatement of land revenue	14.88	acre	650/-	9672		9672	9672			
Contingencies @ 5 %				484		484	484			
				10156		10156	10156			
III. Formation.										
(a) Earthwork.										
Earthwork in siding . . .	87000	C.ft %00	10/8/-	914		914	914			
Contingencies @ 5 %				46		46	46			
				960		960	960			
Credit Capital by debit to Revenue the actual cost of earthwork to be abandoned.							112		112	
				960		960	848		112	
IV. Bridgework.										
(b) Minor bridges.										
Extension of 1-3ft. arched culvert at Mile 189/1¾.										
Excavation & filling . . .	2000	C.ft %00	5/-	10		10	10			
Concrete	50	%C.ft	16/-	7	1	8	7	1		
Masonry: brick in mortar .	750	"	32/-	127	113	240	127	113		
Archwork	150	"	36/-	31	23	54	31	23		
Pointing with cement . . .	350	%C.ft	4/8/-	5	11	16	5	11		
				180	148	328	180	148		
Contingencies @ 5 %				9	7	16	9	7		
				189	155	344	189	155		
Credit Capital by debit to Revenue the original estimated cost of wing walls to be abandoned							91		91	
				189	155	344	98	155	91	
V. Fencing &c.										
(a) Fencing.										
Wire fence	1504	Ryd	1/2/-		1692	1692		1692		
Erection of Do.	1504	"	0/1/-	94		94	94			
Removing aloe fence . . .	1253	"	0/6/-	470		470			470	
Removing & refixing the existing demarcation stone	8	No	0/6/-	3		3			3	
Demarcation stone new . .	2	"	1/-		2	2		2		
Carriage of materials . . .			L.S.	20		20	20			
				587	1694	2281	114	1694	473	
Contingencies @ 5 %				29	85	114	6	85	23	
				616	1779	2395	120	1779	496	
Carried over . .										

Please see the separate Sheet substituted

Nothing is expected to be realized

SOUTH INDIAN RAILWAY COMPANY, LIMITED.

Engineering **Department.**

DETAILS OF ESTIMATE No. , PLAN No. 177/06

WORK { NAME Permanent Station arrangements,
{ POSITION Adutura Station.

and Co., Trichy.

Description of Work.	Quantity.	Unit.	Rate.	Cash to be expended in India. Rs.	Value of Stores. Rs.	Total Value of Work to be done. Rs.	Chargeable to Capital. Cash. Rs.	Chargeable to Capital. Stores. Rs.	Chargeable to Revenue. Cash. Rs.	Chargeable to Revenue. Stores. Rs.
Brought forward .				616	1779	2395	120	1779	496	
Credit Capital by debit to Revenue the original cost of aloe fence to be removed.							178		178	
				616	1779	2395	58	1779	674	
VI. Electric Telegraph.										
Instrument & batteries . .	1	No	90/-	90		90	90			
Station connection wires .	.06	mile	575/-	31		31	31			
Removing & reconnecting the existing connection wire &c.			L.S.	5		5			5	
Lightning discharger . . .	1	No	15/-		15	15		15		
				126	15	141	121	15	5	
Contingencies @ 5 %				6	1	7	6	1		
				132	16	148	127	16	5	
VII. Ballast & Permanent way.										
(a) Ballast.										
Gravel ballast	33500	c.ft %oo	40/-	1030	310	1340	1030	310		
Contingencies @ 5 %				52	15	67	52	15		
				1082	325	1407	1082	325		
Credit Capital by debit to Revenue the actual cost of existing ballast to be abandoned							274	105	274	105
				1082	325	1407	808	220	274	105
(b) Permanent way.										
50.lbs. bull headed rail P.way with pot sleepers &c. 2nd.class	794	Lyd	5/8/-		4367	4367		4367		
Laying Do.	794	"	0/2/-	99		99	99			
Removing 40 & 41½.lbs. P.way from the existing Station .	290	"	0/1/-	18		18			18	
Loading & unloading for returned stores			L.S.	25		25			25	
Carriage of materials &c.			"	160		160	160			
				302	4367	4669	259	4367	43	
Contingencies @ 5 %				15	218	233	13	218	2	
				317	4585	4902	272	4585	45	
Credit Capital by debit to Revenue the actual cost of P.way to be removed from the Station							36	1414	36	1414
				317	4585	4902	236	3171	81	1414
Carried over .										

G. 11 F.

SOUTH INDIAN RAILWAY COMPANY, LIMITED.

Engineering **Department.**

DETAILS OF ESTIMATE No. ______, PLAN No. ______

Permanent station arrangements,

K { NAME Aduturai Station.

POSITION

Co., Trichy.

DESCRIPTION OF WORK.	Quantity.	Unit.	Rate.	Cash to be expended in India. Rs.	Value of Stores. Rs.	Total Value of Work to be done. Rs.	CHARGEABLE TO CAPITAL. Cash. Rs.	CHARGEABLE TO CAPITAL. Stores. Rs.	CHARGEABLE TO REVENUE. Cash. Rs.	CHARGEABLE TO REVENUE. Stores. Rs.
Brought forward .				317	4585	4902	236	3171	81	1414
educt the present estimated ost of P.way to be returned o Stores				-	707	707	-	-	-	707
				317	3878	4195	236	3171	81	707
VIII. Stations & Buildings.										
(a) Stations & Offices.										
Station house: P.No.476B/04.										
Earthwork in bank	25300	c.ft o/oo	10/8/-	266		266	266			
Excavation for founds . .	2200	„	5/-	11		11	11			
Filling after founds . . .	1200	„	3/8/-	4		4	4			
Concrete	650	c.ft o/o	16/-	64	40	104	64	40		
Masonry: brick in mortar .	2570	„	32/-	436	386	822	436	386		
Flat archwork	25	„	36/-	5	4	9	5	4		
Sill stone for doors . . .	5	„	100/-	1	4	5	1	4		
Flat undressed stone under rail posts	13	„	35/-	2	3	5	2	3		
Plastering inside	1200	s.ft o/o	3/8/-	42		42	42			
Pointing outside	1400	„	2/8/-	35		35	35			
Flooring with nurjee slabs on 6" sand.	970	„	19/-	184		184	184			
Roofing with Calicut tiles.	1370	„	10/-	55	82	137	55	82		
Ridge tiles	33	No	6/-		2	2		2		
Teakwood in rafters and battens	74	c.ft	4/8/-		333	333		333		
Weather board at ends . .	24	L.ft	0/8/-		12	12		12		
Eaves board	80	„	0/10/-		50	50		50		
40.lbs.old rail including store charge	3	Ton	40/-		120	120		120		
Angle iron to connect posts & bressummers	60	lb	0/2/6		9	9		9		
Bolts & rivets	51	„	0/4/-		13	13		13		
French nails	6	„	0/3/-		1	1		1		
Rafter nails	5	„	0/3/-		1	1		1		
Screws for eaves & weather boards	9	„	0/3/-		2	2		2		
Hoop iron & screws	80	L.ft	0/1/3		6	6		6		
Doors 1/3 panelled & 2/3 glazed	25	S.ft	2/-		50	50		50		
Do. battened	20	„	2/-		40	40		40		
Windows ½ venetianed, ½ glazed with iron bars	30	„	2/8/-		75	75		75		
Do. battened with iron bars.	5	„	2/8/-		13	13		13		
Booking window: P.No.562/02.	2	No	40/-		80	80		80		
Circular ventilator with wire netting	2	„	2/8/-		5	5		5		
							1105	1331		

SOUTH INDIAN RAILWAY COMPANY, LIMITED.

Engineering Department.

PLAN No.

DETAILS OF ESTIMATE No. , PLAN No.

RK { NAME Permanent Station arrangements,
POSITION Aduturai Station.

d Co., Trichy.

DESCRIPTION OF WORK.	Quantity.	Unit.	Rate.	Cash to be expended in India. Rs.	Value of Stores. Rs.	Total Value of Work to be done. Rs.	CHARGEABLE TO CAPITAL. Cash. Rs.		CHARGEABLE TO REVENUE. Cash. Rs.	
							Cash. Rs.	Stores. Rs.	Cash. Rs.	Stores. Rs.
Brought forward				1105	1331	2436	1105	1331		
Painting	2200	s.ft %	2/-	11	33	44	11	33		
Metalling 8"	2000	"	4/-	75	5	80	75	5		
Labor in fixing doors and windows	90	s.ft	0/0/6	3		3	3			
Do. posts &c.			L.S	25		25	25			
Carriage of materials			"	10		10	10			
				1229	1369	2598	1229	1369		
Contingencies @ 5 %				62	68	130	62	68		
				1291	1437	2728	1291	1437		
Credit Capital by debit to Revenue the actual cost of old wagon body used as Station house in trial Station.							13	246	13	246
				1291	1437	2728	1278	1191	13	246
Deduct the cost of old wagon body to be returned to Stores.				-	72	72	-	-	.	72
				1291	1365	2656	1278	1191	13	174
Passengers' latrine P.No.488/06.										
Earthwork in bank	3200	c.ft %00	10/8/-	34		34	34			
Excavation & filling	500	"	5/-	3		3	3			
Concrete	100	c.ft %	16/-	13	3	16	13	3		
Flat undressed stone under posts	7	"	36/-	1	1	2	1	1		
Masonry: brick in mortar 2nd.class	170	"	27/-	28	18	46	28	18		
Coping stone for cesspool	2	"	100/-	1	1	2	1	1		
Plastering	450	s.ft %	3/8/-	16		16	16			
Angle iron, posts & waling	12.20	cwt	10/8/-		128	128		128		
Corrugated iron sheet	10.5	"	12/-		126	126		126		
Flat iron clips	.10	"	[illegible]		2	2		2		
Rivets	10	"	0/4/-		3	3		3		
Tarring	1000	s.ft %	0/8/-	1	4	5	1	4		
Painting	500	"	2/8/-	2	8	10	2	8		
Iron pans	6	No	3/-		18	18		18		
Iron grating	1	"	5/-		5	5		5		
Stone spout	1	"	2/-		2	2		2		
Bucket iron galvanized	1	"	5/-		5	5		5		
Lamp with fittings	1	"	17/-		17	17		17		
Sign board painted with male & female figures	2	"	2/8/-		5	5		5		
Gravelling	100	s.ft %	4/-	3	1	4	3	1		
Pebbles & sand			L.S	1		1	1			
Labor in erection			"	30		30	30			
Carriage of materials			"	10		10	10			
				143	347	490	143	347		
Contingencies @ 5 %				7	17	24	7	17		
				150	364	514	150	364		

SOUTH INDIAN RAILWAY COMPANY, LIMITED.

Engineering **Department.**

DETAILS OF ESTIMATE No. ______, PLAN No. ______

Permanent Station arrangements,

K { NAME Adutorai Station.
POSITION

1 Co., Trichy.

DESCRIPTION OF WORK.	Quantity.	Unit.	Rate.	Cash to be expended in India. Rs.	Value of Stores. Rs.	Total Value of Work to be done. Rs.	CHARGEABLE TO CAPITAL. Cash. Rs.	CHARGEABLE TO CAPITAL. Stores. Rs.	CHARGEABLE TO REVENUE. Cash. Rs.	CHARGEABLE TO REVENUE. Stores. Rs.
Passengers' platform.										
Earthwork	.137500	c.ft %00	10/8/-	1444		1444	1444			
Curb stones	614	c.ft %0	100/-	77	537	614	77	537		
Labor in setting curb stones	614	c.ft	0/1/6	58		58	58			
Iron clamps & lead			L.S		30	30		30		
Gravelling 4" thick	.14000	s.ft %0	4/4/-	192	44	236	192	44		
Steel pale fence	198	R.ft	6/-	198	990	1188	198	990		
3ft. steel pale gates with padlock & key	2	No	27/-		54	54		54		
Fixing Do.	2	"	2/-	4		4	4			
Removing existing gate	1	"	1/-	1		1			1	
Do. Do. wire fence	122	R.ft	0/1/-	8		8			8	
Lamp with posts	2	No	17/-		34	34		34		
Name board with inscription on both sides	1	"	82/-	2	80	82	2	80		
Removing & refixing existing lamp posts & name board.			L.S	5		5			5	
Cutting inscription on the reverse side of the existing name board				10		10	10			
Labor in fixing new lamp posts & name board				3		3	3			
Loading & unloading for returned stores				2		2			2	
Carriage of materials				10		10	10			
				2014	1769	3783	1998	1769	16	
Contingencies @ 5 %				101	88	189	100	88	1	
				2115	1857	3972	2098	1857	17	
Credit Capital by debit to Revenue the actual cost of platform in trial station to be abandoned							120	198	120	198
				2115	1857	3972	1978	1659	137	198
Deduct the present cost of wicket gate & wire fence to be returned to stores				-	21	21	-	-		21
				2115	1836	3951	1978	1659	137	177
Portable iron goods shed Plan No.987/03. 5 units.										
Earthwork	13000	c.ft %00	10/8/-	137		137	137			
Metalling	1050	c.ft %0	40/-	39	3	42	39	3		
Excavation	150	c.ft %00	5/-	1		1	1			
Curb stones	25	c.ft %0	100/-	6	19	25	6	19		
Angle iron for posts & waling	24.11	cwt	10/8/-		253	253		253		
Flat iron	.54	"	10/8/-		6	6		6		
Tie rod with forked ends	60	No	0/5/6		21	21		21		
				183	302	485	183	302		

Carried over

G. 11 F.

SOUTH INDIAN RAILWAY COMPANY, LIMITED.

Engineering **Department.**

DETAILS OF ESTIMATE No.________, PLAN No.________

RK { NAME Permanent Station arrangements,
{ POSITION Aduturai Station.

d Co., Trichy.

DESCRIPTION OF WORK.	Quantity.	Unit.	Rate.	Cash to be expended in India. Rs.	Value of Stores. Rs.	Total Value of Work to be done. Rs.	CHARGEABLE TO CAPITAL. Cash. Rs.	CHARGEABLE TO CAPITAL. Stores. Rs.	CHARGEABLE TO REVENUE. Cash. Rs.	CHARGEABLE TO REVENUE. Stores. Rs.
Brought forward				183	302	485	183	302		
Corrugated iron sheet in roof: 1st. class	32.42	cwt	12/8/-		405	405		405		
Do. in floor: 3rd. class	13.61	"	7/-		95	95		95		
Bolts & rivets	72	"	[illegible]		18	18		18		
Galvanized ridging	36	[illegible]	[illegible]		27	27		27		
Corrugated iron sheet door	114	s.ft	1/8/-		171	171		171		
Lewis bolts & lead	14	No.	[illegible]		7	7		7		
Teakwood	1	c.ft	4/8/-		5	5		5		
Painting	3400	%s.ft	2/-	17	51	68	17	51		
Sand filling under floor	550	%c.ft	20/-	11		11	11			
Labor in erecting shed			L.S	70		70	70			
Carriage of materials			"	10		10	10			
				291	1081	1372	291	1081		
Contingencies @ 5 %				15	54	69	15	54		
				306	1135	1441	306	1135		
VIII. Stations & Buildings.										
(a) Stations & Offices.										
Goods loading bank.										
Earthwork	18000	c.ft %00	10/8/-	189		189	189			
Gravelling	1700	%s.ft	1/11/-	25	4	29	25	4		
Curb stones	320	%s.ft	100/-	80	240	320	80	240		
Quarry shivers	50	%s.ft	40/-	2		2	2			
Iron clamps & lead			L.S		15	15		15		
Labor in setting curb stones				10		10	10			
				306	259	565	306	259		
Contingencies @ 5 %				15	13	28	15	13		
				321	272	593	321	272		
Credit Capital by debit to Revenue the actual cost of loading bank in the trial station to be abandoned.							67	2	67	2
				321	272	593	254	270	67	2
Passengers & Goods approach.										
Earthwork	273000	c.ft %00	10/8/-	2867		2867	2867			
Metalling	23800	%s.ft	4/-	892	60	952	892	60		
Removing & refixing 12ft. steel pale gate	1	No.	10/-	10		10			10	
				3769	60	3829	3759	60	10	
Contingencins @ 5 %				188	3	191	187	3	1	
				3957	63	4020	3946	63	11	
Credit Capital by debit to Revenue the actual cost of approaches in trial station to be abandoned							743	84	743	84
				3957	63	4020	3203	21	754	8

SOUTH INDIAN RAILWAY COMPANY, LIMITED.

Engineering Department.

DETAILS OF ESTIMATE No.__________, PLAN No.__________

Permanent Station arrangements,

K { NAME Adutura Station.
POSITION __________

Co., Trichy.

Description of Work.	Quantity.	Unit.	Rate.	Cash to be expended in India. Rs.	Value of Stores. Rs.	Total Value of Work to be done. Rs.	Chargeable to Capital. Cash. Rs.	Chargeable to Capital. Stores. Rs.	Chargeable to Revenue. Cash. Rs.	Chargeable to Revenue. Stores. Rs.
ulverts under Passengers & oods approach.										
1-2ft. arched culvert.										
Excavation & filling . .	1500	c.ft 0/00	57/	8		8	8			
Masonry: brick in mortar (2nd. class) . . .	850	c.ft 0/0	27/	141	89	230	141	89		
Archwork (1st. class) . . .	50	"	36/	10	8	18	10	8		
Plastering	360	" s.ft	3/8/	13		13	13			
				172	97	269	172	97		
Contingencies @ 5 %				8	5	14	8	5		
				181	102	283	181	102		
1-3ft. arched culvert.										
Excavation & filling . . .	2600	c.ft 0/00	57/	13		13	13			
Brickwork in mortar: 2nd. cl.	1150	c.ft 0/0	27/	190	121	311	190	121		
Archwork: 1st. class . . .	90	"	36/	18	14	32	18	14		
Plastering	360	" s.ft	3/8/	13		13	13			
				234	135	369	234	135		
Contingencies @ 5 %				11	7	18	11	7		
				245	142	387	245	142		
(c) Staff quarters.										
Station Master's quarters: P. No. 750/06: Type D.										
Embankment	7600	c.ft 0/00	10/8/	80		80	80			
Excavation	1200	"	5/	6		6	6			
Filling in basement with sand	850	"	20/	17		17	17			
Wet filling in founds . .	800	"	5/	4		4	4			
Masonry: sundried brick in mud	2580	c.ft 0/0	6/8/	168		168	168			
Do. 3rd. cl. burnt brick in mud.	480	"	19/	55	36	91	55	36		
Do. 2nd cl. Do. in mortar . .	40	"	27/	7	4	11	7	4		
Mud plastering & white-washing inside	1400	" s.ft	0/8/	7		7	7			
Rough plastering with chunam & whitewashing outside . .	2450	"	[illegible]	31		31	31			
Flooring with concrete . .	580	"	8/8/	37	12	49	37	12		
Roofing with pan tiles, bamboo reepers, chunam border 6" wide at eaves & ends only.	1080	"	8/8/	92		92	92			
Palmyra or cocoa rafters .	940	r.ft	0/1/	59		59	59			
Countrywood bressummer . .	10	c.ft	2/8/	25		25	25			
Old 40. lbs. rail post . . .	.20	Ton	40/		8	8		8		
Angle iron	18	lb	0/2/6		3	3		3		
Bolts & rivets	7	"	0/4/		2	2		2		
Screws for eaves board . .	3	Doz	0/3/		1	1		1		
Rafter nails	19	"	0/3/		4	4		4		
Doors battened countrywood .	95	s.ft	0/12/	71		71	71			
Windows Do. & iron barred.	40	"	1/	40		40	40			
				699	70	769	699	70		
Carried over . .										

G. 11 F.

SOUTH INDIAN RAILWAY COMPANY, LIMITED.

Engineering Department.

DETAILS OF ESTIMATE No. ________, PLAN No. ________

Permanent Station arrangements,

RK { NAME Aduturai Station.
{ POSITION

d Co., Trichy.

Description of Work.	Quantity.	Unit.	Rate.	Cash to be expended in India. Rs.	Value of Stores. Rs.	Total Value of Work to be done. Rs.	Chargeable to Capital. Cash. Rs.	Chargeable to Capital. Stores. Rs.	Chargeable to Revenue. Cash. Rs.	Chargeable to Revenue. Stores. Rs.
Brought forward .				699	70	769	699	70		
Fixing doors & windows . .	135	S.ft	0/0/6	4		4	4			
Hollow brickwork	10	"	0/14/-	2	1	3	2	1		
Eaves board countrywood .	60	C.ft	0/6/-	23		23	23			
Old sleepers	22	No	0/1/6		2	2		2		
Stone under rail posts . .	3	"	0/6/-	1		1	1			
Tarring	350	%S.ft	0/8/-	1	1	2	1	1		
Painting	300	"	2/-	2	4	6	2	4		
Labor in erection . . .			L.S	20		20	20			
Carriage of materials . .				3		3	3			
Loading & unloading for returned stores				1		1			1	
Demolishing existing building.				5		5			5	
				761	78	839	755	78	6	
Contingencies @ 5 %				38	4	42	38	4		
				799	82	881	793	82	6	
Credit Capital by debit to Revenue the actual cost of existing Station Master's quarters to be demolished .							150	71	150	71
				799	82	881	643	11	156	71
					44	44				44
Deduct the present value of rails, doors & gates to be returned to stores				799	38	837	643	11	156	27
Asstt. Station Master's quarters: P. No. 749/08. Type C.										
Embankment	5500	c.ft %00	10/8/-	58		58	58			
Excavation	750	"	5/-	4		4	4			
Filling with sand	400	"	20/-	8		8	8			
Wet filling in founds . .	500	"	5/-	3		3	3			
Masonry: sundried brick in mud	1500	C.ft %	6/8/-	98		98	98			
Do. burnt brick in mud 3rd. class .	360	"	19/-	41	27	68	41	27		
Do. Do. in mortar: 2nd. class.	35	"	27/-	5	4	9	5	4		
Mud plastering & white-washing	800	s.ft	0/8/-	4		4	4			
Rough chunam plastering & whitewashing	1600	"	1/4/-	20		20	20			
Flooring with concrete .	250	"	8/8/-	18	3	21	18	3		
Roofing with pan tiles, bamboo reepers, chunam border 6" wide at eaves & ends only.	550	"	8/8/-	47		47	47			
Palmyra or cocoa rafters .	420	C.ft	0/1/-	26		26	26			
Countrywood bressummer . .	3	C.ft	2/8/-	8		8	8			
Carried over .				340	34	374	340	34		

SOUTH INDIAN RAILWAY COMPANY, LIMITED.

Engineering Department.

DETAILS OF ESTIMATE No. ______, PLAN No. ______

Permanent Station arrangements,

Adutural Station.

K { NAME
{ POSITION

Co., Trichy.

DESCRIPTION OF WORK.	Quantity.	Unit.	Rate.	Cash to be expended in India. Rs.	Value of Stores. Rs.	Total Value of Work to be done. Rs.	CHARGEABLE TO CAPITAL.		CHARGEABLE TO REVENUE.	
							Cash. Rs.	Stores. Rs.	Cash. Rs.	Stores. Rs.
Brought forward				340	34	374	340	34		
Angle iron	6	lb	0/2/6		1	1		1		
Bolts & rivets	3	"	0/4/		1	1		1		
Rafter nails	10	Doz	0/3/		2	2		2		
Old 40.lbs.rails	.10	Ton	40/-		4	4		4		
Doors battened countrywood	77	s.ft	0/12/	58		58	58			
Windows Do.with iron bars	10	"	1/-	10		10	10			
Hollow brickwork	10	"	0/4/	2	1	3	2	1		
Old sleepers	14	No	0/1/6		1	1		1		
Tarring rafters &c.	500	%s.ft	0/8/	1	2	3	1	2		
Painting doors & windows	200	"	2/-	1	3	4	1	3		
Stone under rail post	1	No	0/6/-	1		1	1			
Fixing doors & windows	87	s.ft	0/1/6	3		3	3			
Labor in erection			L.S	10		10	10			
Carriage of materials			"	2		2	2			
				428	49	477	428	49		
Contingencies @ 5 %				22	2	24	22	2		
				450	51	501	450	51		
Porters' quarters: 4 units										
Plan No.747/06.										
Embankment	7000	c.ft %00	10/8/-	74		74	74			
Excavation	1700	"	5/-	9		9	9			
Wet filling in founds	1300	"	5/-	7		7	7			
Filling in basement with sand	400	"	20/-	8		8	8			
Masonry:sundried brick in mud	3100	c.ft %	6/8/-	202		202	202			
Mud plastering & white-washing inside.	2200	%s.ft	0/8/-	11		11	11			
Rough plastering with chunam & whitewashing outside	1850	"	1/4/-	23		23	23			
Flooring with mud	600	"	0/8/-	3		3	3			
Roofing with pan tiles, bamboo reepers,chunam borders 6"wide at eaves ends only.	1270	"	8/8/-	108		108	108			
Palmyra or cocoa rafters	1190	r.ft	0/1/-	74		74	74			
Countrywood bressummer	12	c.ft	2/8/-	30		30	30			
Rafter nails	33	Doz	0/3/-		6	6		6		
Doors battened countrywood.	100	s.ft	0/12/-	75		75	75			
Windows Do.with iron bars	24	"	1/-	24		24	24			
Hollow brickwork	24	"	0/4/	4	2	6	4	2		
Old sleepers	40	No	0/1/6		4	4		4		
Tarring	1200	%s.ft	0/8/-	2	4	6	2	4		
Labor in erection			L.S.	24		24	24			
				678	16	694	678	16		
Contingencies @ 5 %				34	1	35	34	1		
				712	17	729	712	17		

SOUTH INDIAN RAILWAY COMPANY, LIMITED.

Engineering **Department.**

, PLAN No.

DETAILS OF ESTIMATE No. Permanent Station arrangements,

Aduturai Station.

RK { NAME

{ POSITION

nd Co., Trichy.

Description of Work.	Quantity.	Unit.	Rate.	Cash to be expended in India. Rs.	Value of Stores. Rs.	Total Value of Work to be done. Rs.	Chargeable to Capital. Cash. Rs.	Chargeable to Capital. Stores. Rs.	Chargeable to Revenue. Cash. Rs.	Chargeable to Revenue. Stores. Rs.
Latrine for Porters:P.No.317/99.										
Embankment	3900	c.ft 0/00	10/8/	41		41	41			
Excavation	500	"	5/-	3		3	3			
Concrete	150	c.ft %	16/-	20	4	24	20	4		
Masonry:brick in mortar, 2nd.class	300	"	27/-	49	32	81	49	32		
Stone under rail posts	17	"	40/-	3	4	7	3	4		
Stone coping	3	"	100/-	1	2	3	1	2		
Random stone flooring	150	s.ft %	16/-	24		24	24			
Plastering with chunam	350	s.ft	2/8/	9		9	9			
Old 40.lbs.rail	2	Tn	40/-		80	80		80		
Corrugated sheet	1400	lb	0/2/		175	175		175		
Rivets	15	"	0/4/		4	4		4		
Tarring	850	s.ft %	0/8/	1	3	4	1	3		
Painting	1000	"	2/-	5	15	20	5	15		
Stone spout	1	No	2/-		2	2		2		
Bucket	1	"	5/-		5	5		5		
Iron gratings	1	"	5/-		5	5		5		
Labor in erection			L.S	50		50	50			
Carriage of materials				5		5	5			
				211	331	542	211	331		
Contingencies @ 5 %				10	17	27	10	17		
				221	348	569	221	348		
Station Staff well 6ft.diar. Plan No.382/01.										
Excavation	2200	c.ft 0/00	5/-	11		11	11			
Filling after sinking	1800	"	3/8/	6		6	6			
Sinking well	16.5	L.ft	6/-	99		99	99			
Masonry:brick in steining	550	c.ft %	37/-	121	83	204	121	83		
Plastering with cement	450	s.ft %	8/-	13	23	36	13	23		
Concrete	360	c.ft %	16/-	49	9	58	49	9		
Wooden well curb 6ft.diar.	1	No	60/-		60	60		60		
40.lbs.old rail upright, horizontal & pulley &c. complete	1	"	25/-	5	20	25	5	20		
Carriage of materials			L.S.	5		5	5			
				309	195	504	309	195		
Contingencies @ 5 %				15	10	25	15	10		
				324	205	529	324	205		

SOUTH INDIAN RAILWAY COMPANY, LIMITED.

Engineering **Department.**

DETAILS OF ESTIMATE No. , PLAN No.

Permanent Station arrangements,

Aduturai Station.

K { NAME
POSITION

Co., Trichy.

DESCRIPTION OF WORK.	Quantity.	Unit.	Rate.	Cash to be expended in India. Rs.	Value of Stores. Rs.	Total Value of Work to be done. Rs.	CHARGEABLE TO CAPITAL.		CHARGEABLE TO REVENUE.	
							Cash. Rs.	Stores. Rs.	Cash. Rs.	Stores. Rs.
(d) Station Machinery.										
Points & crossings.										
50.lbs.points & crossings 1 in 12. .	3	set	480/-		1440	1440		1440		
Do. Do. 1 in 8½ .	2	"	425/-		850	850		850		
Sleepers of sizes for 1 in 12.	3	"	690/-		2070	2070		2070		
Do. Do.1 in 8½ . . .	2	"	520/-		1040	1040		1040		
Laying points & crossings.	5	"	10/-	50		50	50			
Removing points & crossings from the existing trial station	2	"	57/-	10		10			10	
Pointsman boxes	2	No	60/-		120	120		120		
Carriage of materials . .			2-5	50		50	50			
Loading & unloading for returned stores				8		8			8	
				118	5520	5638	100	5520	18	
Contingencies @ 5 %				6	276	282	5	276	1	
				124	5796	5920	105	5796	19	
Credit Capital by debit to Revenue the actual cost of Points & crossings to be removed from the trial Station.							20	933	20	933
				124	5796	5920	85	4863	39	933
Deduct the present cost of points & crossings with sleepers of sizes to be returned to stores.					394	394				394
				124	5402	5526	85	4863	39	539
Buffer Stop.										
Removing & refixing buffer stop	1	Set	10/-	10		10			10	
Removing buffer stop . . .	1	"	5/-	5		5			5	
				15		15			15	
Contingencies @ 5 %				1		1			1	
				16		16			16	
Credit Capital by debit to Revenue the actual cost of buffer stop to be removed from the trial station .							12	102	12	102
				16		16	12	102	28	102
Deduct the present cost of buffer stop to be returned to stores.					48	48	"	"		48
				16	48	32	12	102	28	54

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SOUTH INDIAN RAILWAY COMPANY, LIMITED.

Engineering **Department.**

DETAILS OF ESTIMATE No. ________, PLAN No. ________

Permanent Station arrangements,

Aduturai Station.

K { NAME

POSITION

Co., Trichy.

Description of Work.	Quantity.	Unit.	Rate.	Cash to be expended in India. Rs.	Value of Stores. Rs.	Total Value of Work to be done. Rs.	Chargeable to Capital. Cash. Rs.	Chargeable to Capital. Stores. Rs.	Chargeable to Revenue. Cash. Rs.	Chargeable to Revenue. Stores. Rs.
Platform weighing machine.		d.s								
Excavation				1	1	1	1			
Masonry: brick in mortar, 2nd.class bricks	80	c.ft %	27/-	14	8	22	14	8		
Ashlar stone coping . . .	20	"	100/-	5	15	20	5	15		
Iron clamp & lead			L.S		2	2		2		
Platform weighing machine	1	No	300/-		300	300		300		
Labor in fixing Do. . . .	1	"	5/-	5		5	5			
Removing & refixing Do.	1	"	7/-	7		7				7
Carriage of materials . .			L.S	2		2	2			
				34	325	359	27	325		7
Contingencies. @ 5 %				2	16	18	1	16		1
				36	341	377	28	341		8
Signals.										
2 lever ground frame: Saxley & Farmer's type with 1 Annett's key	1	No	105/-		105	105				105
Lattice distant signals with warner arms. P.No.555/05. .	2	"	380/-		760	760				760
Lattice two arm bracket signal: P.No.708/05. with lever levers & padlocks & keys attached to the foot of signals (to work them locally)	2	"	460/-		920	920				920
Distant signal lever pull over type: P.No.277/93. . .	2	"	60/-		120	120				120
Wooden stakes with galvanized swing single side pulleys with screws complete	65	"	1/4/-		81	81				81
Wooden stakes with galvanized single side pulleys 2" diar. with screws complete.	65	"	1/2/-		73	73				73
Signal wire S.W.G. No.10 .	2	cwt	21/8/-		43	43				43
Wire adjusting screws . .	2	No	2/-		4	4				4
Wrought iron thimbles for wire	12	"	0/1/-		1	1				1
Chain ¼" thick	7	L.yd	1/-		7	7				7
Split links	8	No	0/1/-		1	1				1
Foundation for signals & levers . .			L.S	185		185			185	
Do. for Saxley & Farmer's 2 lever ground frame . .			"	50	30	80			50	30
1¼"(outside) diar. wrought iron gas pipe rodding . .	187	L.yd	0/9/-		105	105				105
Carried over . .				235	2250	2485			235	2250

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SOUTH INDIAN RAILWAY COMPANY, LIMITED.

Engineering Department.

DETAILS OF ESTIMATE No. ____________, PLAN No. ____________

Permanent Station arrangements.

RK { NAME Adutural Station.
{ POSITION

d Co., Trichy.

Description of Work.	Quantity.	Unit.	Rate.	Cash to be expended in India. Rs.	Value of Stores. Rs.	Total Value of Work to be done. Rs.	Chargeable to Capital. Cash. Rs.	Chargeable to Capital. Stores. Rs.	Chargeable to Revenue. Cash. Rs.	Chargeable to Revenue. Stores. Rs.
Brought forward .				235	2250	2485	235	2250		
1¼"diar.solid iron rodding 81'-6" in length	644	ft	0/1/-		40	40		40		
Horizontal rod compensator flat type with forked ends.	3	No	16/-		48	48		48		
Adjustable cranks with forked ends	8	"	10/-		80	80		80		
Forked ends for points . .	6	"	2/-		12	12		12		
Scotch blocks complete . .	3	"	30/-		90	90		90		
Forked ends for Scotch blocks	3	"	2/-		6	6		6		
Point indicater with all its connections complete .	5	"	45/-		225	225		225		
Dutton's antifriction rod rollers on cast-iron pedestals	102	"	3/4/-		332	332		332		
Timber horses for compensator.	3	"	12/-		36	36		36		
Do. for adjustable cranks .	8	"	8/-		64	64		64		
Do. for point indicators .	5	"	15/-		75	75		75		
Labor in erection of signals &c.			2·5	190		190	190			
Carriage of materials . .			4	25		25	25			
Labor in removing the existing signals & rods and loading . unloading . . .			"	10		10			10	
				460	3258	3718	450	3258	10	
Contingencies @ 5 %				23	163	186	23	163		
				483	3421	3904	473	3421	10	
Credit Capital by debit to Revenue the actual cost of signals &c. to be removed.							26	136	26	136
				483	3421	3904	447	3285	36	13
Deduct the value of materials to be returned to stores				-	89	89	-	-		8
				483	3332	3815	447	3285	36	

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SOUTH INDIAN RAILWAY COMPANY, LIMITED.

Engineering **Department.**

, PLAN No.

DETAILS OF ESTIMATE No. Permanent Station arrangements,

RK { NAME Adutural Station.
{ POSITION

…d Co., Trichy.

Description of Work.	Quantity.	Unit.	Rate.	Cash to be expended in India. Rs.	Value of Stores. Rs.	Total Value of Work to be done. Rs.	Chargeable to Capital. Cash. Rs.	Chargeable to Capital. Stores. Rs.	Chargeable to Revenue. Cash. Rs.	Chargeable to Revenue. Stores. Rs.
A. Plant.										
(e) Station & Office furniture.										
Additional furniture.										
Almirah large	1	No.	60/-		60	60		60		
Bench garden	1	„	15/-		15	15		15		
Bell station	1	„	5/-		5	5		5		
Bucket iron galvanized	1	„	3/-		3	3		3		
Chairs office	2	„	5/-		10	10		10		
Cash box tin	1	„	4/		4	4		4		
Date rack	1	„	1/-		1	1		1		
Drum steel to hold 100.lbs. with brass lock	1	„	7/8/-		8	8		8		
Do. Do. 50.lbs.	1	„	7/8/-		8	8		8		
Foot rule wooden	1	„	2/-		2	2		2		
Funnel tin	1	„	1/4/-		1	1		1		
Hammer	1	„	1/-		1	1		1		
Ladder wooden	1	„	7/8/-		8	8		8		
Lamp, ticket collector	1	„	2/-		2	2		2		
Do. hanging	1	„	10/-		10	10		10		
Do. common	1	„	1/-		1	1		1		
Locks for points	3	„	2/4/-		7	7		7		
Do. safety chains	2	„	2/4/-		5	5		5		
Do. trucks	6	„	2/4/-		14	14		14		
Do. gates	2	„	2/4/-		5	5		5		
Mamootie	1	„	1/4/-		1	1		1		
Screw driver	1	„	0/8/-		1	1		1		
Stand bell	1	„	1/8/-		2	2		2		
Stool office	1	„	2/-		2	2		2		
Table with 2 drawers	2	„	40/-		80	80		80		
Tin oil measuring	4	„	2/-		8	8		8		
Water stand iron	1	„	4/-		4	4		4		
					268	268		268		
Contingencies @ 5 %					13	13		13		
					281	281		281		
Revenue.										
VII. Unclassified Expenditure.										
(4) Carriage of Revenue Stores.										
Carriage of returned stores.					L.s. 100	100				100
Contingencies @ 5 %					5	5				5
					105	105				105

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SOUTH INDIAN RAILWAY COMPANY, LIMITED.

PLANS OF Permanent Station arrangements
at Aduturai Station.
G.O. 867 Ry of 22/5/07

AT

TO ACCOMPANY ESTIMATE.

Amounting to Rs. ~~46687.~~ 41384