

(1) Number of pages _____

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(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	2329	Press
B.P. No.		Misr
Dated	31. 8.	1951
		1876

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
31st August 1876. No. 2,329.*

No. 723. Read the following letter from Major C. J. SMITH, R.E., Officiating Consulting Engineer for Railways, to Major-General G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Madras, 25th August 1876, No. 427 :—

In continuation of my letter, No. 422, dated 22nd August 1876, I have the honor to submit for sanction an estimate, amounting to Rupees 5,505*, of the cost of constructing a Station Master's house, two distant signals, &c., at Ambatoor in connection with the Harbour Works.

					RS.
* Indian	...	...	...	...	4,782
English	...	...	...	...	723
					5,505

2. It is proposed to meet the expenditure from the provision in Schedule G Revenue, Budget Estimate, 1876-77. The sanction will lapse at the end of the fourth quarter after its receipt.
3. The work has not been included in any of the half-yearly schedules.
4. I request that I may be favored with the early sanction of Government.

No. 724. ORDER THEREON, 31st August 1876, No. 2,329.

RAILWAY, No. 78.

- THE estimate is sanctioned for execution from the source indicated in paragraph 2 of the Officiating Consulting Engineer's letter.
2. The sanction will lapse at the end of the fourth quarter after receipt.
 3. The above sanction has been registered as Railway No. 10-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. W. H. French.
Spare Copies

MADRAS RAILWAY.

ENGINEERING DEPARTMENT.

Sch: G. Rev: Budget 1876/77

Estimate.

This sanction will lapse at the end of the fourth quarter after the receipt of sanction in this office.

Required for the Madras Railway in the South West Line

DESCRIPTION	To be expended Departmentally.			To be drawn from Stores.			Total.		
<u>Revenue</u>									
3 rd Repairs of Bridges & (2) Miscellaneous included	198	8	"	112	"	"	310	8	"
4 th Repairs of Stations & Buildings (1) Repairs of build ^g s of every description included	1115	8	"	580	"	"	1695	8	"
(2) Repairs of Staff Quarters	3468	"	"	31	"	"	3499	"	"
Station Master's House and Works at Umbathoor as per annexed Estimate									
Total...	4782	"	"	723	"	"	5505	"	"

Submitted for approval and Sanction to the Government of

W. R. R. R.
Agent and Manager, Railway.

W. R. R. R.
Ag. Chief Engineer, Railway.

CHIEF ENGINEER'S OFFICE,

5 August 1876.

Consulting Engineer to Government.

Secretary to Government.

P.W.L.
26 AUG 76
No. 61115
5

MADRAS RAILWAY. *Revenue*

South West Line.

Estimate of the cost of *Station Master's House, and Works at Umbathoor.*

as per Plan No. 1188.

DESCRIPTION.	Quantity.	Rate.	To be expended Departmentally.	To be drawn from Stores.	Total.
Station Master's House, as per annexed Estimate			3,468 ..	31 ..	
Two Single Arms Distant Signals east and west of Station, as per annexed estimate.			772 ..	430 ..	
One Single Arm Signal to work Harbour Sidings, as per annexed Estimate.			305 ..	150 ..	
Taking up present Semaphore Signal and fixing it opposite to Station Master's House			35 ..		
Taking up old Fencing. — L. Yds.	133	1/11.	85 ..		
Cost of laying new Fencing — ..	245	1/3.	45 15 ..		
Cost of Iron Wire Fencing — ..	162	1/10.		101 4 ..	
Gates — ..	1	126 1/2.	126 ..		
Loading and unloading charges —			76 ..		
Contingencies —			21 46 ..	10 12 ..	
Total Rupees.			4,782 ..	723 ..	5,505 ..

Rupees Five thousand, five hundred and five.

Chief Engineer's Office }
15th August 1876
W. P. Robinson
Agent & Manager, Chief Engineer.

This sanction will lapse at the end of the fourth quarter, after the receipt of sanction in this Office.

MADRAS RAILWAY.

South West Line.

Estimate of the cost of Station Master's House, proposed
to be constructed at Umbathoor.
as per Plan No. 1184.

DESCRIPTION.	Quantity.	Rate.	To be expended Departmentally.	To be drawn from Stores.	Total.
Excavations ————— Cysd.	104	1/3	19 8.		
Earthfilling ————— "	152	1/3	28 8.		
Brickwork (Country bricks in Chumari-) ————— "	217	5 1/2	1085 "		
Honey comb work in semi-circular Opening in Bath Room — Sft.	3	4	12 "		
Plastering roughly and whitewashed over. ————— Sq.	64	2 1/2	128 "		
Flooring with pavement bricks —	14 1/2	7 1/8	108 12.		
Joining centre Rooms ————— "	6 1/2	25 1/2	162 8.		
Slope Joining Verandahs ————— "	114	12 1/2	135 "		
Teak Timber ————— Cft.	215	3 1/8	752 8.		
100 — Reapers per hundred. Sft.	2250	5 1/2	112 8.		
Venetian Doors 3'-0" x 6'-6" — No.	6	25 1/2	150 "		
Batten Doors 3'-0" x 6'-6" — No.	4	21 1/2	84 "		
Venetian Windows 3'-0" x 5'-0" — No.	2	19 1/2	38 "		
Loading and unloading charges —			11 6 "		
Contingencies —			281 10 "		
			3098 "		3098 "

DESCRIPTION.	Quantity.	Rate.	To be expended Departmentally.	To be drawn from Stores.	
Kitchen Excavation — Cyds. 12 7/3. 2 4. Brickwork (Country bricks in Chunnam.) — Cyds. 10 5/4. 80 .. Plastering roughly, and whitewashed over. — Sq. 7 2/4. 14 .. Flooring with jilly — " 4 5/4. 3 12 .. Tiling without flat tiles — " 1 2 7/4. 10 8 .. Teak Timber — Cft. 2 3/8. 7 .. 10% Reapers. per hundred. Sft. 450 5/4. 22 8 .. Calmyralis — No. 12 1/4. 12 .. Batten Floor 3' 0" x 6' 0" No. 1 15/4. 15 .. Batten Window 2' 0" x 2' 0" No. 1 5/4. 5 .. Loading and unloading charges — 1 8 3 Contingencies — 17 7 9 Rs. 191 .. Privy Excavation — Cyds. 12 7/3. 2 4. Brickwork (Country bricks in Chunnam.) — " 12 5/4. 60 .. Plastering roughly, and whitewashed over. — Sq. 6 2/4. 12 .. Flooring with asphalt — " 2 22/4. 6 12 .. 9 12 .. Tiling without flat tiles — " 1 2 7/4. 12 4 .. Plastering inside walls to a height of 3 feet. — " 1 2 7/6. 4 6 .. 4 6 .. Teak Timber — Cft. 2 3/8. 7 .. 10% Reapers. per hundred. Sft. 525 5/4. 26 4 .. Carried over. Rs. 126 12 6 10 ..					

DESCRIPTION.	Quantity.	Rate.	To be expended Departmentally.	To be drawn from Stores.	Total.
Brought forward. Rs.			126 12 6	10 .. 6	
— No. 18 1/4.	18	1/4.	18 ..		
— 3' 0" x 6' 0" No. 1 15/4.	1	15/4.	15 ..		
— Nets — No. 4 4/4.	4	4/4.	" ..	16 ..	
— 1 well tanned —	1		" ..	2 ..	
— and unloading charges —			1 12 ..		
— Rs. 16 4 6				2 15 6	
Cost of Privy. Rs.			179 ..	31 ..	210 ..
— 10% Bungalow —			3098 ..	" ..	3098 ..
— 10% Kitchen —			191 ..	" ..	191 ..
Total Rupees			3468 ..	31 ..	3499 ..
Rs. Three thousand, four hundred and ninety nine.					
Engineer's Office 5th August 1896 H. R. Robinson Ag. Chief Engineer					

Statement of rent chargeable to Station Master's House at Umbattoor.				
Estimated Cost of two thirds of Bungalow	Rs	2,065	54	
Kitchen and Privy	"	401	"	
	Rs	2,466	54	
Rent Calculated at $7\frac{1}{2}$ per cent	Rs	15-6-8	per mensem	
Amount payable by occupant.			Kil. as he will live rent free.	
Amount debitable to the Traffic Department.	Rs	15-6-8		

MADRAS RAILWAY.

South West Line.

Estimate of the cost of two distant Signals, east and west of Stations proposed to be erected at Umbattoor Station.
as per Plan No. 1188.

DESCRIPTION.	Quantity.	Rate.	To be expended Departmentally.	To be drawn from Stores.	Total.
Cost of distant Signal			179105	131"	
Fixing up do			30"		
Cost of Screws, and wooden pegs	120	1/4"	90"	30"	
Cost of Wire — L.Yds.	60.4	7/4"	324	3498	
Cost of Screws for working Signal			45"		
Loading and unloading charges			213"		
Contingencies			3563	1964	
		Each	Rs	386"	215"
Total in two.		Rs	772"	430"	1202"

Rupres Nine thousand two hundred and two.

Chief Engineer's Office }
15 August 1876

H. R. Robinson
Ag. Chief Engineer
R.R.

MADRAS RAILWAY.

South West Line.

Estimate of the cost of Single Arm Signal, for working
Harbour Sidings.
as per Plan No. 1188.

DESCRIPTION.	Quantity.	Rate.	To be expended Departmentally.	To be drawn from Stores.	Total.
Cost of distant Signal —			179 10 5	131 "	
Fixing up — do —			30 "		
Cost of screws, and wooden pegs — No.	11	1/4 "	8 4 "	2 12 "	
Cost of wire — L: Yds.	55	1/4 "	" 47	3 2 5	
Cost of screws for working distant Signal —			45 "		
Cost of masonry Drain for carrying wire under Rail. L: Yds.	8	1/8 "	12 "		
Lodging and unloading charges —			29 "		
Contingencies —			29 4 "	13 17	
			305 "	150 "	455 "

Ruppes
Ruppes Four hundred and fifty five

Chief Engineer's Office
15 August 1846

W. R. Robinson
By Chief Engineer

DESCRIPTION.	Qr
to be expended departmentally.	to be expended departmentally.

to be expended
departmentally.

No. 6111

RAILWAY DEPARTMENT.

CONSULTING ENGINEER'S OFFICE,
Madras, 25 August 1876

No. 427

From *W. C. Smith R.E.*
~~W. C. Smith R.E.~~
Consulting Engineer for Railways,

To *W. C. Smith R.E.*
MAJOR-GENERAL G. W. WALKER, R.E.,
Secretary to Government,
Public Works Department,
Fort Saint George.

Sir,

In continuation of
letter No 422 dated 22nd
August 1876, I have the honour
to submit for sanction an estimate
amounting to Rupees 5,505 of the
cost of constructing a station
master's house, two distinct signals,
etc at Umbathoor in connection
with the Harbour works.

Indian Rs 4782
English Rs 723
5505

It is proposed to meet
the expenditure from the provision
in Schedule G Revenue, Budget

estimate 1876-77. The sanction
will lapse at the end of the
fourth quarter after its receipt.

The work has not
been included in any of the
half-yearly schedules.

I request that I may
be favoured with the early sanction
of Government.

I have the honour to be

Sirs

Your most obedt servant

Wm. H. Smith Major R.E.

Offg. Comd. Engrs. J. O. G.

Received at
the office of the
Comd. Engrs. J. O. G.
on the 1st day of
the month of
the year 1877.
The work has not
been included in any
of the half-yearly
schedules.
I request that I may
be favoured with the
early sanction of
Government.

22251
J. O. G.
Comd. Engrs.

P.W.D.

26-UG76

611/1

No 2329 d/31st Aug^r/76-

The Estimate is sanctioned
for execution from the source
indicated in paragraph
2 of the offg Consulting En-
gineer's letter.

The sanction will lapse
at the end of the fourth
quarter after receipt.

The above
sanction has been registered
as Railway No 10 W. of
1876-77-

No 723/24

Comdng Engrs
By: Dy Asst

Dated 18/9/78

Cui-28.8.76 Ord 37.8.76
Desp 6 Oct 26-8-76

Dated 25th August
Received 15th August 1876.

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

From
The Consulting Engineer
for Railways,
RAILWAY DEPARTMENT.

No. 42325

Sanction for
execution on estimate
of the cost of construction
of a station master's
house, two dead-end
signals & a platform
at the station.

Govt. of 1876 Madras.
PUBLIC WORKS.

To

The Coo Bay & Co Railways

Dated

Issued

Recd

Encl.

G. O., 31st Sept 1876, No. 2329

Nos. 723-724

Constructing a station
Masles' House, two dis
tant signals, &c at
Umbattoor in connection
with the Harbour Works

Estimate of the cost
of the same sanctioned

*For the M. G.
19-7-76*