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MADRAS RECORD OFFICE**Government of Madras***Public Works* DEPARTMENT

G.O. No.	931	By	Press
B.P. No.			Mis.
Dated	8. 4.		18 76.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
8th April 1876*

No 149 Read the following letter from W. C FURNIVALL, Esq, Under 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 Fort William, 29th March 1876, No. 831 R.:-

I AM directed to acknowledge the receipt of your letter, No. 527, dated the 25th February 1876, and in reply to convey the sanction of the Government of India to the estimate, therewith submitted, amounting to Rupees 20,547, for the construction of a bridge of two 30-feet openings near the 203rd mile on the Bangalore Bianch, South-west Line, Madras Railway, of which sum Rupees 16,014 is debitable to Capital, and the balance—Rupees 4,533—to Revenue.

2 The Capital portion of this sanction has been registered as No 42, M R, of 1875-76, and the estimates with plan received with your letter are herewith returned. The sanction should lapse at the end of the fourth quarter after its receipt.

No. 150 ORDER THEREON, 8th April 1876, No 931.

RAILWAY, No. 16-C.

COMMUNICATED to the Consulting Engineer for Railways, with reference to G O, No 526, dated 25th February 1876.

2 The sanction accorded by the Government of India has been registered as Railway, No 2 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 A. Ratt
Spare Copies

All communications
should be addressed
to the Secretary

No 881 R
GOVERNMENT OF INDIA
PUBLIC WORKS DEPARTMENT.
RAILWAY

To
THE SECRETARY TO THE GOVERNMENT OF Madras
PUBLIC WORKS DEPARTMENT

(Railway.)

FORT WILLIAM, 29th March 1876

SIR,

I am directed to acknowledge the receipt of your letter, No. 527 dated the 25th February 1876, and in reply to convey the sanction of the Government of India to the Estimate, therewith submitted, amounting to Rs. 20,547, for the construction of a bridge of two 20 feet openings near the 203rd mile on the Bangalore Branch, South West Line, Madras Railway, of which sum, Rs. 16,014 is debitable to Capital and the balance Rs. 4,533 to revenue.

The capital portion of this sanction has been registered as No. 42 H. R. of 1875/76 and the
Government.

estimated with plan received with your letter &c. hence the sanction should lapse at the end of the fourth quarter after its receipt.

Have the honor to be,
 Yours respectfully,
 R. S. S. S. S.
 to the Secretary

(Disposal)
 MADRAS RAILWAY.

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

ENGINEERING DEPARTMENT
 Revenue Schedule G
 Budget 1875/76. 17-11-75
 Estimate.
 Bangalore Branch Line
 Required for the Madras Railway in the

DESCRIPTION	To be expended Departmentally			To be drawn from Stores			Total		
<u>Capital</u>									
<u>III Construction of line</u>									
2. Bridgework	10512	"	"	5502	"	"	16014	"	"
<u>Revenue</u>									
3rd Repairs of Bridges &c	4099	"	"	434	"	"	4533	"	"
(1) Bridges as									
2nd Repairs of Bridges &c									
3rd Repairs of Bridges &c									
4th Repairs of Bridges &c									
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99th Repairs of Bridges &c									
100th Repairs of Bridges &c									
Total	14511	"	"	5336	"	"	20547	"	"

Submitted for approval, and Sanction to the Government of

Agent and Manager, Railway.

Chief Engineer, Railway

CHIEF ENGINEER'S OFFICE,
 8th Nov. 1875.

Consulting Engineer to Government

Secretary to Government.

MADRAS RAILWAY. Capital & Revenue

Bangalore Branch Line. X 1000

Estimate of the cost of Two 30 feet Openings with Wrought
Iron girders supposed to be constructed at 263 Mks 14.3 Cost
as per Plan No. 1/7

DESCRIPTION	Quantity	Rate	To be expended Departmentally	To be drawn from Stores	Total
Clearing away last track.			200 ..		
Permanent Way 8 ⁰⁰ ..					
Excavation of foundations by decayed Rock — Cyls	56	2 1/2	112 ..		
Excavation of foundations including Pumping — "	1152	1 1/2	1152 ..		
" " " " " " " "	498	8 1/2	798 1/2 ..		
Masonry — "			133 ..	3591 ..	
Wrought Iron girders 8 ⁰⁰ — Total 13 Cyls	26	2 1/2	20 ..	20 ..	
Painting & varnish — 8 ⁰⁰					
Cost of laying new Permanent way as per annexed estimate —			486 ..	1964 ..	
Loading and unloading charges —			8 ..		
Contingencies —		2 1/2	11055 ..	5936 ..	16991 ..
Cost of proposed Diversions of Line as per annexed estimate —			3556 ..		3556 ..
Total Rupees			14611 ..	5936 ..	20547 ..

Rupees Twenty thousand, five hundred and forty seven

Chief Engineer's Office
8th November, 1895

Agst. & M. S. S. S.

Chief Engineer

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

3950

14/8/95

DESCRIPTION	Quantity	Rate	To be expended Departmentally	To be drawn from Stores	Total
<i>Allocated to</i>					
Cleaning away hard tree etc			200 "		
Permanent Way $\frac{1}{2}$ Geo			2295		
Handwork on timber Kment Ctds 1223 $\frac{1}{2}$ 3/4			46 "		
Ballasting Ctds 92 $\frac{1}{2}$ 8/1					
Cost of laying old monster					
Permanent Way L Yds 26 $\frac{1}{2}$ 3 $\frac{1}{2}$ 8/1			1354		
Cost of old monster					
Permanent Way " 26 $\frac{1}{2}$ 3 $\frac{1}{2}$ 15 $\frac{1}{2}$ 1/4			5 "	395 "	
Contingencies			4958	39 "	
			5413 "	434 "	977 "
Cost of Diversion of Line " "			3556	" "	3556 "
Chargeable to Revenue No			14099	434 "	4533 "
Amount of foregoing estimate " "			14611 "	5936 "	20547 "
Chargeable to Capital No			10512 "	5502 "	16014 "

1897/26/190
2/190

3950

MADRAS RAILWAY.

95

Bangalore Branch Line.

Estimate of the cost of laying new Permanent Way over two 30 feet openings at 203 Miles 145 Post as per Sir John Hawkshaw's Contract Drawing No. 1 (Revised Plan) dated 7th July 1875 - as per Plan No.

DESCRIPTION	Quantity	Rate	To be expended Departmentally	To be drawn from Stores	Total
Flat bottom Steel Rails 5 lbs					
to the Yard " " "	8	33 1/2	" " "	313 3 4	
Teak Timber in longitudinal sleepers " "	91	3 1/2	315 "		
Planing for gangway " "	165	10 1/2	65 10 "		
Cost of Wrought Ironwork in Cross Beams, Angle Iron, Screws, Bolts and nuts & Geo Iron	5. 1/2	21 1/2	" " "	1262 9 7	
Cost of Gas Piping " "	28	7 1/2	" " "	210 "	
Laying new Permanent Way L Yds 26 $\frac{1}{2}$ 2 1/4			53 5 4		
Loading and unloading charges			7 8 "		
Contingencies			144 8 8	178 3 1	
			1426 "	1964 "	2450 "

Ruppes Two thousand, four hundred and fifty

Chief Engineer's Office
8th November 1875

Chief Engineer

Agent Manager

DESCRIPTION	Quantity	Rate	To be expended Departmentally	To be drawn from Stores	To
<i>17/12/41</i> <i>8/1/42</i> <i>10/1/42</i>					

MADRAS RAILWAY.

115

Bangalore Branch Line.

Estimate of the cost of proposed Diversion of Lure at
 Site near Bridge at 203 Miles in J. Post-
 as per Plan No. 83 (Miles)

[illegible]

Russell

Chesapeake

8th Novem^r 1845

Agnes & Mary

Chief Engineer

Current No 2510

From

The Govt of India

No 881 R

Dated 29 March
Recd 6 April

1876

Subject - Sance. Ests for
Constructing a bridge on the
Bangalore branch of
the M Ry.

ENCLOSURES 5.

From	to
"	"
"	"
"	"

Orders and Proceedings in file.

Depart- ment	No	Date	ENDORSEMENTS		
			Depart- ment	No	Dated
P.W.D.	526 527	25/4/76			
With order					

2570

The Com^r Engrs for Railways

10/7/41

8th April

93

129/50

Bridges on the Bangalore
Branch of the Madras
Rly. - Letter from the
Govt of India sanctioning
an estimate for construction
- viz a - Communicated
to the Com Engrs for Rlys.

Ant. no 129
27-4-46