M.R.O. 1—77,006—8-6-37.

(1) Number of pages 12

(2) Date of repair 2 [illegible]

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 3010 - 3011 Press ~~Mis.~~
237-39
Dated 13 - 12 - 1870.

Not to be folded or roughly handled

No. 237. Read the following Endorsement of the Acting Consulting Engineer for Railways, dated Madras, 24th November 1870, No. 457 :—

From the Agent of the Great Southern of India Railway, to the Acting Consulting Engineer for Railways, dated Negapatam, 22nd November 1870, No. 3,823.

In compliance with the request contained in your letter, No. 487, of the 17th instant, I attach hereto a priced statement, taken from the Contractor's bill, of the telegraph materials supplied for the Southern Extension.

2. I forwarded by the last mail to England a copy of G. O., No. 2,751, of the 16th instant. My Directors have not contemplated the purchase of posts in England.

Extract from Contractor's Bills for Telegraph materials supplied.

Quantity.	Particulars.	Amount.	Total.
		£. s. d.	£. s. d.
796 bundles	Best Telegraph Wire, No. 5	704 19 0	
22 ,,	Do. do. do. 74	45 10 7	
			750 9 7
120	Muirhead's Sulphate Batteries	.....	180 0 0
800	Brown stoneware Insulators, fitted with galvanized iron bolts and nuts	31 13 4	
5 miles	Double India Rubber covered, doubly taped, tarred, and sanded copper wire No. 4, B. W. G. ...	175 0 0	
6 cwts.	Galvanized Clout Nails, 1½ inches long	11 2 0	
10 lbs.	India Rubber Solution in small tin cases... ...	3 8 4	
5 ,,	Sheet India Rubber prepared	21 5 0	
25	Small Magnets in cases	7 10 0	
2 sets	Of Instrument repairing Tools in boxes	11 10 0	
3 ,,	Of Jointing Tools in boxes	4 10 0	
9	Whalebone Battery Plate Brushes	1 16 0	
9	Hair do.	2 5 0	
9	Steel Battery Plate Scrapers	0 13 6	
12	Dutch Draw Tongs	5 8 0	
12	Forked Screw Drivers	1 4 0	
24 pairs	8-inch Cutting Pliers, steel	4 8 0	
12 ,,	5-inch do. do.	1 0 0	
4	Fire Pots	1 13 0	
120	Vulcanite chambers for Muirhead's Batteries ...	13 0 0	
			297 6 2
10 cwts.	Best Solder	40 0 0	
1,200	Porous Cells	17 10 0	
4	Iron wire Drums and Stands	16 0 0	
24	Single Needle instruments	111 12 0	
92	Lightning protectors, each provided with 12 spare coils and 44 spare screws	161 0 0	
36 boxes	Single Dials and Coils	44 2 0	
4 sets	Blocks and Talls with 12 fathoms of rope to each	5 14 0	
40	Hand Spanners	2 13 4	
6 pairs	Draw Vices and Keys for No. 5 wire	5 5 0	
16	Copper Earth plates	7 4 0	
11,000	Galvanized Coach Screws, ⅜ inch diameter, 3 inches long, weighing 12 cwts. 3 qrs. 2 lbs.	27 9 0	
			438 9 4

Quantity.	Particulars.	Amount. £. s. d.	Total. £. s. d.
1,000	Brown stoneware Insulators, fitted with galvanized iron bolts and nuts	39 11 8	
500	Galvanized malleable cast-iron tubular Brackets, 4 inches long	9 7 6	
			48 19 2
	Single Needle instruments	55 16 0	
12	Spirits of Salt	0 19 4	
2½ gallons	Front Needles	1 0 0	
60	Magnetizing Keys	1 16 0	
36	Instrument Terminals	4 17 6	
15 dozen	Brass Battery do.	2 0 0	
10 „	Brass Screws ⅜ inch, No. 6	0 8 9	
7 gross	Brass Battery Syringes	8 10 0	
20	Codes for Instruments	3 2 6	
125	Morse Printing Paper	11 5 0	
300 lbs.	Brown stoneware Insulators, fitted with galvanized		
1,900	bolts and nuts	75 4 2	
			164 19 3
	Brown stoneware Insulators, do. do. ...	5 10 10	
140	Galvanized malleable cast-iron tubular Brackets, 4		
500	inches long	9 7 6	
	Galvanized Coach Screws, ½ inch diameter, 3 inches		
4,700	long, weighing 5 cwts. 1 qrs. 20 lbs.	11 13 4	
	Clark's double Shunt Differential Galvanometers.	57 0 0	
6	Of Resistance Coils for do. ...	52 10 0	
3 sets	Clark's Shunt Detectors	21 0 0	
6			157 1 8
	Needles and Axles...	.....	4 11 8
50	Zinc pole roofs	85 18 9	
5,500			
200 sets or doz. pairs	Battery Plates	25 0 0	
	Brown stoneware Insulators, fitted with galvanized		
1,400	iron bolts and nuts	55 8 4	
	White porcelain Shackles Insulators complete ...	11 13 4	
200	Galvanized Coach Screws, ½ diameter, 3 inches		
15,400	long (17 cwts.)	36 11 0	
			214 11 5
	Brown stoneware Insulators, fitted with galvanized		
7,000	bolts and nuts	277 1 8	
	Malleable cast-iron tubular Brackets, 4-inch ...	187 10 0	
10,000	Sulphate of Copper	40 10 0	
30 cwts.			505 1 8
1,905 bundles	Galvanized best best Telegraph Wire, No. 5 ...	.....	1,691 11 9
36	Instruments' handles	4 1 0	4 1 0
			4,457 2 8

(Signed) W. S. BETTS,
Agent.

SUBMITTED for the information of Government, with reference to G. O., No. 2,751, dated 16th November 1870.

2. The Agent of the Great Southern of India Railway states that his Directors have not contemplated the purchase in England of telegraph posts for the Southern Extension of the Great Southern of India Railway.

(Signed) W. H. COAKER, Lieutenant, R.E.,
for *Acting Consulting Engineer for Railways.*

Proceedings of the Madras Government, Public Works Department, 13th December 1870.

No. 238. ORDER THEREON, 13th December 1870, No. 3,010.

RAILWAY, No. 25.

ORDERED that these papers be forwarded to the Government of India.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

No. 239. (DOCKET No. 3,011 dated 13th December 1870.)

COPY of the above forwarded to the Government of India, with reference to Major Williams' telegram dated 15th November 1870.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

Exd. S. T. Augustin.

No. 457.

Submitted for the information of Government, with reference to G. O No. 2751, dated 16th November 1870.

2. The Agent of the Great Southern of India Railway states that his directors have not contemplated the purchase in England of Telegraph posts for the Southern Extension of the Great Southern of India Railway.—

Madras — 24th November 1870

W. Hoaker Lieut, R.E.,
for Actg Consulting Engr for Railways

Pub. Dept.
No. 3010

Proceedings of the Madras Government
Under date the 13th Decr 1870.
Read the following

From the Secy Govt of Engineers
for Railways (Here enter No 4570/26. Nov 70)

Ordered that these papers be
forwarded to the Government
of India.

To
Govt Engr for Railways.
Despd 14/12/70.

Docket. No 3011 d/13 Decr/70
3010
Copy of the above forwarded to the Government of India with reference to Major Williams' Telegram dated 15th November 1870.

Despd 14/12/70.

W.B.

From Govt Engr for Railways
No 4577 d/14 Nov 70
Re Retg Baumgartner's Report
for Railways.

To
Secretary to Govt
P. W. Dept
Fort St George

Dated 24th Nov 70
Rect 25th
No 3010-3011-13 Decr/70
No 4577

Encl. 1 V
Submitting for
the information of
Government a Letter
received from the Agent
Traffic Manager S
Railway
G. I. P. Rly forwarding
a Report dated 7th
Calcutta Meteorological
Office 23d

Cfs-4774

Govt. of {1870} Madras.

PUBLIC WORKS.

To The Ag Consulting Engr.
for Railways
and
To the Secretary to the Govt
of India

Dated

Recd. Encl. 2

G. O. 13th Decr. No. 3010-3011.

Nos. 287-288 1289

Telegraph Materials - Rs. 1,05,000

Forwarding Endorsement of the Ag Engr for Railways submitting a Statement giving the price of the Telegraph Materials received for the Southern Extension of the S.I. Railway.

Noted

Forwarding a Statement giving the price of the Telegraph Materials received at Negapatam for the Southern Extension of the S.I. Railway.