

*Proceedings of the Madras Government, Public Works Department,  
5th May 1875.*

No. 126. Read the following letter from Lieutenant-Colonel J. H. M. SHAW-STEWART, R.E., Consulting Engineer for Railways, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Madras, 27th April 1875, No. 234:—

I HAVE the honor to submit, for the sanction of Government, plan No. 1,078, together with an estimate, amounting to Rupees 1,707, of the cost of erecting a wrought iron tank over the existing tank-house at the Pootoor station, North-West Line of the Madras Railway.

2. The Agent, in forwarding the estimate, quotes as follows from a letter from the Acting Chief Engineer in respect to the necessity for the work:—

“The Acting Locomotive Superintendent\* has pointed out that the existing tank-

\* No. 2,336, dated 17th Sept. 1874.

„ 2,420, „ 23rd „ „ enclosed.

house is insufficient to supply engines with special troop trains, &c., which take water at this station, and I have proposed that a

wrought iron tank holding 3,500 gallons be placed on the top of the present tank-house.”

3. The matter was discussed at a Meeting of the Railway Committee at Royapooram, and I am of opinion that the erection of this work is necessary. As it is of great importance that the work should be proceeded with at once, I have authorized its commencement in anticipation of sanction.

|          |     |     |     |     |       |
|----------|-----|-----|-----|-----|-------|
|          |     |     |     |     | RS.   |
| * Indian | ... | ... | ... | ... | 324   |
| English  | ... | ... | ... | ... | 1,282 |
|          |     |     |     |     | 1,606 |
| † Indian | ... | ... | ... | ... | 62    |
| English  | ... | ... | ... | ... | 39    |
|          |     |     |     |     | 101   |

4. Funds to the extent of Rupees 1,606,\* chargeable to Capital, can be met from Schedule C, “Works not specially provided for;” and the Revenue portion, viz., Rupees 101,† from Schedule G, in the Budget Estimate for 1875-76. The sanction will lapse at the end of the fourth quarter after its receipt.

From E. C. BOODLE, Esq., Acting Locomotive Superintendent, to T. H. GOING, Esq., Acting Chief Engineer of the Madras Railway, dated Perambore, 17th September 1874, No. 2,336.

*Pootoor Tank.*

WITH reference to the attached copy of a letter, No. 692, dated 16th August 1874, from the Locomotive Foreman at Tirupetty, I shall feel obliged if you will kindly have the tank at Pootoor so altered as to enable it to hold a larger quantity of water.

*Copy of Foreman's letter.*

I BEG to inform you that the tank-house at Pootoor is too small during extra specials with troops, we had great difficulty in supplying the engines last troop season; these trains are usually run very close to each other, which gives us very little time to lift the water, as one tender partly empties the tank. I therefore beg to suggest that the present tank be made higher or a double tank erected.

From E. C. BOODLE, Esq., Acting Locomotive Superintendent, to T. H. GOING, Esq., Acting Chief Engineer of the Madras Railway Company, dated Perambore, 23rd September 1874, No. 2,420.

*Pootoor Tank-house.*

WITH reference to your letter, No. 1,400, of the 19th instant, I think that the addition of an iron tank to hold 3,500 gallons would be quite sufficient to meet our requirements.

2. Kindly have this work put in hand as soon as possible.

*Proceedings of the Madras Government, Public Works Department,  
5th May 1875.*

No. 127.

ORDER THEREON, 5th May 1875, No. 1,281.

**RAILWAY, No. 12.**

THE Governor in Council sanctions the estimate amounting to Rupees 1,707 submitted with this letter, but is not satisfied with the proposed allocation of the cost. The work brought forward apparently consists in the substitution of one contrivance for holding water for another which has already been provided for from Capital; and as such should, in accordance with the ruling of the Secretary of State as laid down in paragraph 4 of his despatch to the Government of India, No. 17,\* dated 9th March 1864, be met from Revenue. The enlargement which has been effected cannot, in the opinion of the Governor in Council, be considered as an improvement so important as to warrant any portion of the cost being charged to Capital.

\* G. O., No. 233, dated 15th April 1864.

(True Extract.)

Colonel, R.E.,

Secretary to Government.

Railway Department.

CONSULTING ENGINEER'S OFFICE.

No. 234

Madras 27 April 1875

From

LIEUT.-COLONEL J. H. M. SHAW STEWART, R.E.,

Consulting Engineer for Railways,

To

COLONEL G. W. WALKER, R.E.,

Secretary to Government,

Public Works Department,

Fort Saint George.

SIR,

I have the honour to submit for the sanction of Government plan N<sup>o</sup> 1078, together with an estimate amounting to Rs 1707, of the cost of erecting a wrought iron tank over the existing tank-house at the Pootoor station, North-west line of the Madras Railway.

2. The Agent, in forwarding the estimate, quotes as follows from a letter from the Acting Chief Engineer in respect

respect to the necessity for the work:—

"The Acting Locomotive Superintendent has pointed out that the existing tank house is insufficient to supply engines with special troop trains which take water at this station, and I have proposed that a wrought iron tank holding 3500 gallons be placed on the top of the present tank house."

The matter was discussed at a meeting of the Railway Committee at Royapuram, and I am of opinion that the erection of this work is necessary. As it is of great importance

\*  
N<sup>o</sup> 2336 dated  
27 Sept. 1874.  
N<sup>o</sup> 2420 dated  
23<sup>rd</sup> Sept. 1874.  
Enclosed.

\*  
Indian Rs 324  
English £1282  
Rupees 1606

\*  
Indian Rs 62  
English £39  
Rupees 101

importance that the work should be proceeded with at once, I have authorised its commencement in anticipation of sanction.

4. Funds to the extent of Rs 1606, chargeable to Capital, can be met from Schedule C. "Works not specially provided for" and the Revenue portion, Viz. Rs 101, from Schedule I, in the Budget estimate for 1875-'76. The sanction will lapse at the end of the fourth quarter after its receipt.

I have the honour to be,  
Sir,

Yours most Obedt Servant,  
Manturam  
Secy for Railways

Robert

# MADRAS RAILWAY.

## ENGINEERING DEPARTMENT.

Cap: Proportion in Schedule C.  
 Works not specially provided for Budget 1875/76.  
 Rev: Proportion in Schedule G. Budget 1875/76.  
 Estimate.

Required for the Madras Railway in the

*North West Line*

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

| DESCRIPTION.                                                                                        | To be expended Departmentally. |   |   | To be drawn from Stores. |   |   | Total. |   |   |
|-----------------------------------------------------------------------------------------------------|--------------------------------|---|---|--------------------------|---|---|--------|---|---|
| <u>Capital</u>                                                                                      |                                |   |   |                          |   |   |        |   |   |
| Stations and Buildings                                                                              | *                              |   |   |                          |   |   |        |   |   |
| 4. Station Machinery                                                                                | 324                            | " | " | 1282                     | " | " | 1606   | " | " |
| <u>Revenue</u>                                                                                      |                                |   |   |                          |   |   |        |   |   |
| 3 <sup>rd</sup> Repairs of Bridges &c                                                               |                                |   |   |                          |   |   |        |   |   |
| (2) Miscellaneous includes Earth Work, roads, fencing &c                                            | 62                             | " | " | 39                       | " | " | 101    | " | " |
| Erecting a wrought Iron Tank over existing Tank House at Port Blair Station as per annexed Estimate |                                |   |   |                          |   |   |        |   |   |
| TOTAL...                                                                                            | 386                            | " | " | 1321                     | " | " | 1707   | " | " |

Submitted for approval, and Sanction to the Government of

*[Signature]*  
 Agent and Manager, Railway.

*[Signature]*  
 Actg. Chief Engineer, Railway.

CHIEF ENGINEER'S OFFICE,  
 3<sup>rd</sup> February 1875.

Consulting Engineer to Government.

Secretary to Government.

*G.O. Singh & Co. Secy to Govt.  
 Civil No 233.*

*Mr. 18/5/75  
 No 2520*

RAILWAY DEPARTMENT.

From  
 The Consulting Engineer,  
 for Railways,

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

Dated 27<sup>th</sup> April 1875  
 Recd.

No 234 Subt.

26. 6/12/81. 5-5-75

*Sanctioning for  
 execution of the work  
 of erecting wrought  
 iron tank over the  
 existing tank house  
 at the Port Blair  
 station.*

*20/1/76*

# MADRAS RAILWAY.

North West Line.

Estimate of the cost of erecting a Wrought Iron Tank over existing Tank House at Portoor Station. as per Plan No. 1078.

| DESCRIPTION.                                                 | Quantity.     | Rate.  | To be expended Departmentally. | To be drawn from Stores. | Total.  |
|--------------------------------------------------------------|---------------|--------|--------------------------------|--------------------------|---------|
| Cost of taking down existing Tank Walls                      |               |        | 25 ..                          |                          |         |
| Concrete under footings of centre wall                       | 15 1/2 cu yds | 1 5/4  | 5 ..                           | 1                        |         |
| Masonry                                                      | 11 1/2 cu yds | 7 1/4  | 98 ..                          | 1                        |         |
| Teak Timber in framing under tank                            | 110 cu ft     | 12 3/4 | 140 ..                         | 1                        |         |
| Cost of Wrought Iron Tank complete - 14' 0" x 10' 0" x 4' 0" |               |        |                                | 1201 ..                  |         |
| Cost of lifting and fixing Tank                              |               |        | 75 ..                          |                          |         |
| Loading and unloading charges                                |               |        | 75 ..                          |                          |         |
| Contingencies                                                |               |        | 35 ..                          | 120 ..                   |         |
|                                                              |               | Rupess | 386 ..                         | 1121 ..                  | 1707 .. |

Rupess One thousand, seven hundred, and seven.

Chief Engineer's Office  
3rd February 1875

Agent & Manager

This sanction will lapse at the end of the financial year after the receipt of sanction in the Office.

*Letter to Mr. [unclear]*

| DESCRIPTION.                                         | Quantity.    | Rate.         | To be expended<br>Departmentally. | To be drawn<br>from Stores. | To             |
|------------------------------------------------------|--------------|---------------|-----------------------------------|-----------------------------|----------------|
| <i>Allocation</i>                                    |              |               |                                   |                             |                |
| <i>Cost of Masonry Tank</i>                          |              |               |                                   |                             |                |
| Masonry ———— <i>sqds</i>                             | <i>7 1/4</i> | <i>6 1/2</i>  | <i>42 ..</i>                      | <i>1 ..</i>                 |                |
| Asphalting inside Tank <i>sqds</i>                   | <i>2 1/4</i> | <i>16 1/2</i> | <i>84 ..</i>                      | <i>35 1/2 ..</i>            | <i>1 ..</i>    |
| Painting outside ————                                | <i>2 1/4</i> | <i>3 1/2</i>  | <i>61 ..</i>                      | <i>1 ..</i>                 |                |
| Contingencies                                        |              |               | <i>5 ..</i>                       | <i>34 ..</i>                | <i>1 ..</i>    |
| <i>Chargeable to Revenue R.</i>                      |              |               | <i>62 ..</i>                      | <i>39 ..</i>                | <i>101 ..</i>  |
| <i>Cost of Stone Tank as per foregoing estimate.</i> |              |               | <i>386 ..</i>                     | <i>1321 ..</i>              | <i>1707 ..</i> |
| <i>Chargeable to Capital R.</i>                      |              |               | <i>384 ..</i>                     | <i>1322 ..</i>              | <i>1706 ..</i> |

*AP.  
20.2.75*

*Mr. 28.2.75*

*[Signature]*  
*Atty. Genl.*  
*R.R.*

*22336.*

*Madras Railway Company  
Loco. Superintendent's Office  
Pernambore 17 September 1874.*

*The Acting Chief Engineer,  
Dear Sir,  
Pootan Tank.*

*With reference to the attached copy of a  
letter no. 692 dated 16<sup>th</sup> August 1874 from the  
Loco. Superintendent at Tirupetty. I shall feel  
obliged if you will kindly have the Tank at  
Pootan so altered, as to enable it to hold a larger  
quantity of water.*

*Yours faithfully  
W. C. C. Broadley  
Atty. Loco. Superintendent*

*Copy of Superintendent's letter.*

*I beg to inform you that the Tank  
house at Pootan is too small during extreme  
seasons with Troops: we had great difficulty  
in supplying the Engines last Troop season.  
These trains are usually run very close to each  
other which gives us very little time to fill  
the water as our Tender is fully emptied the  
Tank. I therefore beg to suggest that the  
present Tank be made higher or a double  
Tank erected.*

*Yours Copy  
W. C. C. Broadley  
Atty. Loco. Superintendent*

Madras Railway Company  
Loco. Superintendent's Office  
Perambur 23<sup>rd</sup> September 1874.

Postoor Yank House.

Kindly have this work put in hand  
as soon as possible.

Yours faithfully  
 Jas. C. C. Riddle  
 Secy. Soc. Superintendent.

1 True Copy  
for J. W. Gair  
Chf. Chief Engineer

1 True Copies //

Chas. F. K. W. W.  
Chas. F. K. W. W.

Q.R. 2820/56  
90 5 Gray/75-96/281.

Frank

The Engr. for Railways - (48 horse & 27 April 1875)

G. O. No. 1287 of 5<sup>th</sup> May 1975

The Governor in Council sanctions the estimate amounting to \$1707 submitted with this letter, but is not satisfied with the proposed allocation of the cost. The work brought forward apparently consists in the substitution of one contrivance for holding water for another which has already been provided for from Capital, and as such should, in accordance with the ruling of the Secretary of State as laid down

in para 4 of his despatch  
to the Govt of India No 17  
dated 9th March 1864,  
be met from Revenue.

+ G.O. No 233 dt 15 April 1864

The enlargement which  
has been effected cannot,  
in the opinion of the  
Governor in Council,  
be considered as an  
improvement so impor-  
tant as to warrant  
any portion of the  
cost being charged  
to Capital.

G.M.

Comdng: for the  
Ex. M. Secy

2820

Cont. of (1875) JNDING.

PUBLIC WORKS.

20

*The Cusehigh for*

Date

By

For

G. O. *Sherry* 1287

Nos. 126-127

Madras Railway Wrought  
iron tank over existing  
tank-house at the Footscott  
station, N. W. Line — Plan  
and estimate for the erection  
of a ——— sanctioned; with  
remarks as to the proposed  
allocation of the cost.