M.R.O. 1—77,000—9-8-37.

(1) Number of pages 44

(2) Date of repair 2 4 4 4

(3) Initials of the Reference

MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. 713-14 Press Mis.

144-46

Dated 5 3 1904

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department, 5th March 1870.

No. 144. Read the following letter from the Consulting Engineer for Railways, to the Secretary to Government, Public Works Department, dated Madras, 1st March 1870, No. 87 :—

REFERRING to the letter from the Deputy Secretary to the Government of India, Public Works Department, to the Secretary to the Government of Madras, No. 1,854-R, dated 9th December 1869. embodied in G. O. of the 6th January 1870, No. 49, I have the honour to forward, for submission to His Excellency the Governor-General in Council, the accompanying letters,* together with two cases marked Nos. 1 and 2, containing the models and drawings of the "Excavator" invented by Mr. Webb.

* From Agent, Madras Railway Company, No. 110, dated 28th February 1870, with enclosure.

From the Agent and Manager of the Madras Railway Company, to the Consulting Engineer for Railways, dated Madras, 28th February 1870, No. 110.

I HAVE the honour to forward, in accordance with the request contained in your letter of the 10th of January, No. 10, two cases marked Nos. 1 and 2, containing the models and drawings of the machine invented by Mr. Webb, together with a copy of a letter addressed by him to Mr. Wilkinson, the Resident Engineer of the 4th Division.

From Mr. G. WEBB, to the Resident Engineer, dated Beypore, 24th February 1870.

I BEG to hand, for transmission to the Government of India, as requested by the Consulting Engineer for Railways, Madras, drawings and model of my Sub-Aqueous Rotative Excavator packed in two cases marked Nos. 1 and 2, the former containing the drawings, body, bow slings, and capstan, the latter the square rod only ; this comprises all that I have petitioned for permission to file specification of, and which I am thankful to say has been granted me.

2. A model frame (stage) with windlass and chain attached, specially adapted for working the Excavator over foundations, is now under construction, and will be supplied if required.

3. I beg to mention that the apparatus (as indicated by its name) fills better sub-aqueously than in dry soil.

No. 145. ORDER THEREON, 5th March 1870, No. 713.

RAILWAY, No. 6. ORDERED that these papers be forwarded to the Government of India.

(True Extract.)

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

No. 146. DOCKET No. 714, dated 5th March 1870.

COPY of the above forwarded to the Government of India with reference to Major Williams' letter, No. 1,854-R., of the 9th December 1869.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

Lxd. J. Tulloch.

Madras Railway
Beypoor 24 Feby 1870.

To
A. J. Wilkinson Esqre
Resident Engineer.

Sir,

I beg to hand for transmission to the Government of India as required by the Consulting Engineer for Railways, Madras, Drawings and Model of my Sub-Aqueous Rotative Excavator marked in two Cases marked 1 and 2, the former containing the Drawings, Body, Bowsprit and Capstan the latter the Grapnel rod only this completes all that I have petitioned for permission to file specifications of and which I am thankful to say has been granted me.

A wire de frame (large) with windlass and chain attached specially adopted for working the Excavator over foundations is now under construction and will be supplied if required.

I beg to mention that the apparatus (indicated by its name) fills better sub-aqueously than in dry soil.

I am &c
Signed J. Webb

True Copy
Sd/ J. H. Gloning
Ag. Chief Engineer

True Copy

Sd/ A. J. Wilkinson
Agent & Engineer.

Compd arm

No. 110.

MADRAS RAILWAY.

AGENT AND MANAGER'S OFFICE.

Madras, 28th February 1870.

From Robert B. Elwin Esquire

Agent and Manager.

To Major J. St. M. Stewart R.E.

Consulting Engineer for Railways.

Sir,

I have the honour to forward in accordance with the request contained in your letter of the 10th of January, No. 10, two Cases marked Nos 1 and 2 containing the Models and Drawings of the Machine invented by Mr Pobb, together with a copy of a letter addressed by him to Mr Wilkinson the Resident Engineer of the 4th Division.

I have the honour to be

Sir,

your very Obedient Servant

Rob. B. Elwin

Agent & Manager.

Acknowledge receipt of
same by 2nd Overland.

Railway Department

Coms: Engineer's Office

No 87-

From

Major J. W. M. Shaw Stewart R. E.

Coms: Engr for Railways.

To

Colonel C. A. Orr R. E.

Secretary to Government

Public Works Department

Fort Saint George.

Sir,

Referring to the letter

No. 1854 R. dated 7th December 1869.

from the Deputy Secretary to the Government of India Public Works Department to the Secretary to the Government of Madras embodied in G. O. of the 6th January 1870, No. 49, I have the honour to forward for submission to His (or Your) Excellency the Governor General in Council

MADRAS RAILWAY.

From

The Agent and Manager.

To

The Consulting Engineer

for Railways.

Dated 28th December 1869.

Recd. 1st January.

No. 110 /69.

Sir,

I have the honour to forward herewith a copy of a letter from the Secretary to the Government of India Public Works Department, No. 1854 R. dated 7th December 1869, and to request that you will be pleased to submit the same to His Excellency the Governor General in Council.

Council the accompanying* letters together with two cases marked Nos 1 and 2 containing the models and drawings of the "Excavator" invented by Mr Webb.

*From Agent Madras Railway Company No 110 dated 28th February 1870 with enclosures

I have the honour to be,
Sir,
Your most obedient servant
Thomas Pearse Major R.E.

Madras
1st March
1870

Consd: Engr for Railways

E. W. Oehsenius

P.W. Department.

No 713

Proceedings of the Madras Government.

Under date the 5th March 1870

Read the following

From The Consulting Engineer for Railways — G.O. No 870 of 1st March 1870

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

To The Cons. Engr for Railways.

Docket No 714 of 5th March 1870

Copy of the above forwarded to the Govt of India with reference to Major Williams' letter No 1852 R of the 9th Dec. 1869.

Rect 11/3/70.

Dy. No 714

Rect 12th March 1870

The Consulting Engineer for Railways.

Sir,

The Secretary to Govt P. W. Dept

Dated 5th March 1870.

Rect 8th March 1870.

No 713 Rect 12th March 1870.

No 7130 714 - 5 March 1870.

Submitting a letter from the Agent of the E. P. Co'y together with two cases marked Nos 1 & 2 containing the models of drawings of the Excavator invented by Lieut Webb.

Dy. No 714

No. 1852 R.

From

Major G. Williams R.E.

Consulting Engineer for Railways.

To

The Secretary to the Government of Madras P.W. Department.

Dated Ootacamund the 9th December 1869.

Sir,

I have the honor to forward herewith a letter from the Agent of the East Indian Railway Company, dated 30th November 1869, with two cases containing models of drawings of the Excavator invented by Lieut Webb.

I have the honor to be Sir Your most obedient servant

G. Williams Major R.E.

Consulting Engineer for Railways.

No 1852 R.

Copy forwarded for information to Government of India Public Works Department.

By order

[illegible]

Secretary to Government.

P.C. Rect 11/3/70.

Enc 834

Govt. of India. Mines.

PUBLIC WORKS.

To

The Consulting Engineer

for Railways

Dated

Recd.

Encd.

C. O. 5 Sheets

No. 7/307/4

Nos 1/1 - 1/5 - 8/1/6

"Excavator" Replying to your letter from the Secy Govt Bombay letter from the Agent G.I.P. Railway dated 3rd Decr 1874 Calling the models and drawings of the "Excavator" invented by Mr Webb.

"Excavator" A Copy of the Descriptive Letter & Plan "Excavator" invented by Mr Webb, forwarded to the Secy Govt Bombay.