1. [illegible] 12
2. Date [illegible] 30-7-
3. Initials [illegible]

M.R.O. 1—82,400—29-11-30.

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

Cons. 24-8-57

G.O. No. 1629 Press Mis.

46-48

Dated 24 — 8 — 1857

Not to be folded or roughly handled

Read the following papers.

No. 46. From Mr. J. KICKWICK; to H. FORBES, Esq., Acting Secretary to Government, dated 11th August 1857.

SIR,

With reference to Extracts Minutes of Consultation, dated 9th December 1856, No. 2281 and 28th July 1857, No. 1416, which latter has just been communicated to me by the Chief Engineer, I beg to state that, in accordance with the views expressed by that officer, I am willing, at a fair valuation to dispose of my kyanizing apparatus, together with about a ton of the powder used in kyans process for seasoning timber, should the purchase of the same for the use of the Public Works Department or of the Railway appear to the Government desirable. The heavy loss I have experienced and still continue to sustain from the non-employment of my machinery, joined to the necessity I have all along been under of maintaining an establishment of Peons &c. to watch over and keep it in proper condition, induces me now to make this proposal, and as its acceptance would meet the objections which have been urged by the Civil Architect on the score of expence. I beg that you will have the goodness to submit it for the consideration and orders of the Right Honorable the Governor in Council.

No. 47. Extract from the Proceedings of the Chief Engineer; dated 12th August 1857, No. 2855.

Read the following Extract from the Minutes of Consultation P. W. D.

(Here enter 28th July 1857, No. 1446.)

Resolved to state that the Chief Engineer is unable to lay before Government a direct calculation exhibiting the exact value imparted to timber by the kyanizing process such a calculation must be made on the following data.

1st. The average time for which teak beams and joists now remain sound.

2nd. The average time for which they will remain sound in future if they be kyanized.

This data can noly be obtained by experience and observation, and the time has not yet arrived for the preparation of the calculation now called for; the required experience must in fact first be purchased, in the hope that it may ultimately lead to economy; a hope the ground for which, arises from the fact that the kyanizing process has been used with success in England. What is now required is not calculation but experiment.

(Signed) C. E. FABER, Colonel,
Chief Engineer.

No. 48. ORDER THEREON, No. 1629; dated 24th August 1857.

As Colonel Faber reports that he is unable to state the additional value which timber would acquire, when subjected to the kyanizing process, unless he possessed data which time and further experiments only can supply, the Right Honorable the Governor in Council resolves that the Civil Architect and Garrison Engineer be directed to avail themselves of Mr. Kickwick's machinery for kyanizing the Government timber, and carefully to watch the results, in order that a report may in due time be made for the information of Government. These Officers should make arrangements with Mr. Kickwick, for setting up his machinery as near as possible to their respective Depôts.

2. The Government having resolved not to set up a kyanizing apparatus of their own, Mr. Kickwick will be informed that his offer to sell his machinery is declined.

(Signed) H. FORBES,
Acting Secretary to Government.

To

H Forbes Esq^re

Acting Secretary to Government

Sir

With reference to section 4th Minute of Consultation dated 9th December 1856 N^o 2281 and 28th July 1857 N^o 1446, which letter has just been communicated to me by the Chief Engineer, I beg to state that, in accordance with the views expressed by that Officer, I am willing at a fair valuation, to dispose of my Kyanizing apparatus, together with about a ton of the powder used in Kyans process for seasoning timber. Should the purchase of the same for the use of the Public Works' Department or of the Railway appear to the Government desirable, The heavy losses I have experienced and still continue to sustain from the non-employment of my machinery, joined to the necessity I have all along been under of maintaining an establishment of Peons &^c to work Kyan and keep it in proper condition, induces me now to make this proposal, and as its acceptance would meet the objections which have been urged by the Civil Architect on the score of Expence, I beg that you will have the goodness to submit it for

the

The consideration and orders of the Right Honorable
the Governor in Council

I have the Honor to be
Sir
Your most Obedient Servant
C. Trevelyan

Madras —
11th August 1857.

No 2555

Extract from the Proceedings of the Chief Engineer
in the Department of Public Works dated 12th August 1857

Read the following

Minute of Consultation (P.W.D.)

Fort Carlton 28th July 1857. (Present)

It is hereby to state that the Chief Engineer is under
a necessity to submit a detailed calculation, exhibiting the
data upon which he proposes to render by the Engineering Department
in England not at all for the following purposes

1st The average time for which Iron Bridges will remain sound.

2nd The average time for which Iron will remain sound in Buildings
to be Erected.

This data can only be obtained by experience and observation,
and the time has not yet passed for the preparation of the
calculation now called for. The specimens of Iron which have
first been purchased, in the hope that it may ultimately lead to
economy in Expenditure the grounds for which, arises from the fact that the
Engineering Profession have been used with success in England. What-
is now required is not calculation but experiment.

(Signed) [illegible]
Chief Engineer

To the Secretary to Government (P.W.D.)
Calcutta

Rec'd Nov 1857 & Pd
Dft Aug 25th Augt

No 1559

From
Major J. Strachey
Secretary

Lahore
Dated 11th August 1857

Rec'd 18th Augt

Submitting for the
consideration and orders of
Government a statement of
the amount of his Expenses
during the last year
with a detailed account of
the Expenditure with
Vouchers for Government
Inspection.

Ans 26th

Govt: Genl Dept No 2555 dated 12th August 1857.

C18 Aug 1857

Com 28th July 1837 No 83 & 84

Colonial Office 25th August 1837

Extract from the Proceedings of the Legislative Council of Ceylon dated 24th June 1837

Laid before the Council by command of His Excellency the Governor

Dated

Received 17th August 1837

No 2355

R. R. 16th—24th Aug

Reports his inability to lay before Government a detailed calculation exhibiting the respective value imparted to timber by the Requisitioning process. —

No 47.

C 18th Aug. to R 22d

experiments only as
in public, the Right Hon.
-able the Governor in
Council resolves that
the Civil Architect
and Garrison Engineer
be directed to consult
themselves of Mr. Hick
-sick's machinery for
keeping the Powder Mag
-azine dry, and carefully to
note down the results in
order that a report
may in due time be
made for the inform
-ation of Government
Officers should make
arrangements with
Mr. Hicksick, for the
supplying

[illegal] the
=ry as near as possible
to their respective
depôts.

The Civil Engineer
is directed to report
to Government as to
bringing a Specimen
of Mr. Hicksick's
machinery to Bombay
to be tried in the
Powder Magazine
at Sewree, if he
is declined.

I Copy to the Chief Engr. Dispatch
1 — Ch. Architect

Com 28th July 57 p. 83-84

Public Works 1857 Debates
Do to Com 25th Augt

No 1629.

Extract Minis. of Com:
Dt 24th Augt 57.
from Rpt of Com on Pub Accts
of 25th inst 2 Feb 58

Resolved that it is the opinion of this Committee that the Chairman of the Public Works should be required forthwith to report to this House the progress which has been made in the Survey for Harbours of Refuge on the Lake Shore, and the Estimates which have been prepared for the same, and the probable time when the Surveys will be completed, and the Estimates laid before Parliament, and that he be instructed to report to this House by what authority the Engineers employed on the said Surveys have been appointed, and by what authority they have been paid for their services.

No 46 at 48