1. Number of ...
2. Date of return ...
3. ...

M.R.O. 1—89,000—16-10-29.

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

Cons. 2-2-38

G.O. No. 1607 Press / Mis.

40-41

Dated 29—7— 1938

Not to be folded or roughly handled

No. 40. Read the following letter from Mr. J. KICKWICK; to T. PYCROFT, Esq., Chief Secretary to Government, Fort Saint George, dated 14th December 1857.

SIR,

I beg to forward herewith, for submission to the Right Honorable the Governor in Council, copies of correspondence which has passed between the Civil Architect, Presidency Division, the Garrison Engineer, the Chief Engineer, D. P. W., and myself, relative to the application of the Kyanizing process to Government timber, agreeably to orders contained in Extract Minutes of Consultation dated 24th August 1857.

In para. 3 of the Garrison Engineer's Report that Officer states that, in addition to my charge of 4 Annas a cubic foot, the Cart hire for conveying the wood to and from the Kyanizing Manufactory will be at least 6 Annas, making a total of 10 Annas per cubic foot. The fallacy of this estimate is so manifestly clear as to be seen at once, since it is well known that the Carriage of a full Cart load of timber would not involve a heavier expense than 6 Annas.

In respect to Captain Rawlins' remarks in the concluding para. of his letter, that it is impossible to remove the apparatus near to his workyard, except at a great outlay, which I am not disposed to make, I would merely observe that I never expressed any such disinclination either verbally or in writing, I beg to add that the absence of that support which I was led to hope my enterprise would have met with, has induced me to advertise my Kyanizing apparatus for sale, and that my object in soliciting you to lay the accompanying correspondence before Government, is to show the great discouragement I have experienced, although my several experiments (which entailed heavy losses) have been pronounced by the Professor of Chemistry perfectly successful.

Letter from Mr. J. KICKWICK; to Captain H. W. RAWLINS, Garrison Engineer, Fort Saint George, dated 1st September 1857.

SIR,

A week having elapsed since I was favored from the Public Works Department with copy of Extract Minutes of Consultation under date the 21th Ultimo, No. 1629, may I beg you will be so good as to let me know what arrangements you propose to make in view to the carrying out the orders of Government with reference to the employment of my Kyanizing Machinery, so that I may be prepared to act up to your requirements without delay.

Letter from Lieutenant Colonel W. H. ATKINSON, Civil Architect Presidency Division; to Mr. J. KICKWICK, dated 1st September 1857, No.-497.

SIR,

In reply to your Note of to-day's date, I beg to acquaint you that, as the Public Works have been every where stopped by order of Government, I am not aware that there is any present occasion for making arrangements for putting up your Kyanizing apparatus in the compound of this office as the available area of the same, owing to the large tank there is inside it, is very small, and Government have not purchased it, but only taken it on trial for a short time of 1 year which is already partly expired. So that until the office be permanently fixed here or elsewhere it seems to me unnecessary, during the present abeyance of Public Works, to make arrangements for what may never be wanted during the remaining months the lease has to run.

2. It strikes me too, it would be necessary in a locality surrounded by private dwelling houses to be sure before-hand that there would be no annoyance caused to neighbours either by noise or other matters possibly connected with the Kyanizing process.

P. S.—Since the above order for suspension of works was received in July last, subsequent orders have been received also directing the execution of certain works mostly emergent to the Penitentiary, you might therefore come and judge for yourself on the spot of the capability of the compound for what you require.

Letter from Mr. J. KICKWICK; to Lieutenant Colonel W. H. ATKINSON, Civil Architect P. D., dated 7th September 1857.

SIR,

I beg to acknowledge the receipt of your letter dated the 1st Instant, stating that you are not aware of any present occasion for making arrangements for putting up my Kyanizing apparatus in the compound of your office, as the available area of the same, owing to a large tank therein, is very small, and Government have not purchased but only taken it on trial for a short time. Permit me in reply to observe that, as suggested in your Postscript, I called and inspected the premises, and although I found a spot which I pointed out to your Manager as likely to answer for the erection of my Machinery, yet I am of opinion with yourself that such an arrangement cannot well be made until a permanent site is fixed for your office, but I trust under these circumstances, there may be no objection to getting the timber for the Penitentiary, or other public works Kyanized for the present at my Factory near the Basin.

With reference to para. 2 of your communication under acknowledgment, I beg to inform you that no annoyance or inconvenience to neighbours can possibly result from Kyan's process, in whatever locality it may be carried on.

Letter from Captain H. W. RAWLINS, Garrison Engineer; to Mr. J. KICKWICK, dated 30th September 1857, No. 380.

SIR,

With reference to Extract Minutes Consultation No. 1629 dated 24th Ultimo, communicated to me by the Chief Engineer D. P. W., in his resolution No. 3292 dated 29th Idem, I have the honor to forward the accompanying twelve pieces of refuse teakwood to be Kyanized, and I request you to return them at your earliest convenience with bill.

Letter from Mr. J. KICKWICK; to Colonel C. E. FABER, Chief Engineer.

SIR,

Having been advised, with reference to Extract Minutes of Consultation under date the 24th August 1857, No. 1629, to submit for your information and orders, certain correspondence which has passed between the Civil Architect, P. D., and myself, I beg to forward herewith copies of the same as well as of a letter from the Garrison Engineer, and to state that up to this date, I have not received any work from either of those Officers. Touching the timber pieces of refuse teakwood which the latter sent to me, and which were each about a yard long, and two inches thick, I deem it necessary to mention that I could not undertake to Kyanize them except at a heavy loss as upon the terms agreed upon the whole was not likely to yield me more than 4 annas.

Extract from the Proceedings of the Chief Engineer, dated 10th December 1857, No. 5839.

Read the following letter from Captain H. W. RAWLINS, Garrison Engineer; to Colonel C. E. FABER, Chief Engineer, dated 7th December 1857, No. 516.

SIR,

In reply to your letter No. 5506 of the 26th Instant, calling for my report upon a representation made by Mr. Kickwick of not being so much employed as he expected in Kyanizing timber for this and the Civil Architect's Department, I have the honor to inform you that I sent some timber to begin on, when the same was returned with an intimation that little profit could be gained by Kyanizing so small a quantity.

2. I was anxious to try a small quantity first, to test the efficacy of the solution before incurring a great outlay to Government, particularly as I am rather doubtful whether Mr. Kickwick's large supply of Chemical ingredients have not long 'ere now lost their strength and preservative qualities.

Fort Saint George, Public Works Consultation of 2nd February 1858.

3. I await your orders whether I am to regularly have all the Teak and other timber in my Department Kyanized or not. Mr. Kickwick charges 4 Annas a cubic foot, in addition to which the Cart hire for conveying the wood to and from the Kyanizing manufactory will be at least 6 Annas, making a total of 10 Annas per cubic foot, in the Garrison Engineer's Department alone, there is a yearly expenditure from 15 to 20,000 cubic feet of timber which multiplied by 10 Annas amounts to the large sum of Rupees 12,500.

4. It is impossible to remove the apparatus near to my workyard, except at a great outlay which Mr. Kickwick is not disposed to make. The apparatus is so simple that we could get one from England and put it up in my workyard, and do the work ourselves for one-half what Mr. Kickwick charges, besides the saving of the expense of removing timber backwards and forwards.

Resolved to forward copy of the foregoing letter No. 516 dated 7th Instant to Mr. Kickwick, with reference to his letter of the 21st October last, and to inform him that the Chief Engineer does not consider it advisable for Government to incur a heavy expence in the experimental use of the Kyanizing apparatus, but would be willing to authorize its application on a small scale at first.

(A true Extract.)

(Signed) E. LAWFORD, Major,
In charge of Central Circle.

No. 41. ORDER THEREON, No. 164; dated 29th January 1858.

Ordered to be communicated to the Chief Engineer for any observations he or Colonel Atkinson may wish to make on Mr. Kickwick's representation.

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

45 Soorama Rs Road
1st September 1857

57

Captain H. H. Rawlins
Garrison Engineer
Fort William

Sir

I am to state having called upon James Lucas Foreman from the Public Works Department on the 25th ult. extract Minutes of Consultation under date the 24th Instant No. 1629 may I beg you will be so good as let me know what arrangements you propose to make in view to the carrying out the order of Government with reference to the employment of Bullock Hackeries, so that I may be prepared to act up to your requirements without delay.

I remain
Sir,
Your
Obdt Servt
Signd H. H. Rawlins

(A similar letter was addressed to the Civil Architect)

No. 497

Civil Architect's Office
From Lieut. Col. H. H. Rawlins,
Civil Architect P.D.

To
Col. H. Fredericks
Civil Architect

Sir,

In reply to your Note of to day's date, I beg to acquaint you that as the Public works have been every where stopped by order of Government, I am not aware that there is any present occasion for making arrangements for erecting Sheds over the Carts in the Compound of this office, as the available area of the same, owing to the large tank there is inside it, is very small and I do not have not been authorized by Authority to take it on lease for a short time of 1 Year which is already partly expired. So that until the Office be permanently fixed here or elsewhere I do not think any thing during the present Vacancy of Public works, to make arrangements for what may never be wanted during the remaining months the lease has to

Cum

run.

2 At this time too, it would be necessary to purchase a locality surrounded by private dwellings, houses &c be taken before hand. That if this were not done, many inconveniences would arise, such as the Engineer & Overseer of Prisoners &c. &c. &c. &c.

From
Lieut. Col. H. C. Hillman
Chief Engineer

To
Lieut. Col. H. C. Hillman
Chief Engineer

Madras
Dated 31st Augt 1857

Sir

I have the honor to forward for your information a copy of a letter from the Superintending Engineer Northern Division, No. 3380 dated 24th instant, and to request that you will be pleased to move Government to sanction the purchase of the land mentioned in the 2nd paragraph of the letter, for the purpose of erecting a Penitentiary thereon.

I have the honor to be
Sir
Your most obedient Servant
(Signed) H. C. Rawlins
Capt. Garrison Engineer

4th Pavanambadi Road
Capt. H. C. Rawlins
Garrison Engineer

To
Lieut. Col. H. C. Hillman
Chief Engineer
Madras

Sir

I beg to acknowledge the receipt of your letter dated 31st ultimo, and in reply to state that I am not aware of any present occupation for the ground mentioned in the margin, but that I am making arrangements for putting up a Penitentiary on the compound of the Fort, and that the ground mentioned in the margin will be required for the purpose.

I have the honor to be
Sir
Your most obedient Servant
(Signed) H. C. Rawlins
Capt. Garrison Engineer

4th Pavanambadi Road
Capt. H. C. Rawlins
Garrison Engineer

To
Lieut. Col. H. C. Hillman
Chief Engineer

Sir

Attention

I beg to acknowledge the receipt of your letter dated 31st ultimo, and in reply to state that I am not aware of any present occupation for the ground mentioned in the margin, but that I am making arrangements for putting up a Penitentiary on the compound of the Fort, and that the ground mentioned in the margin will be required for the purpose.

I have the honor to be
Sir
Your most obedient Servant
(Signed) H. C. Rawlins
Capt. Garrison Engineer

4th Pavanambadi Road
Capt. H. C. Rawlins
Garrison Engineer

To
Lieut. Col. H. C. Hillman
Chief Engineer

Sir

between the Civil Architect P. D. and myself.

I beg to forward herewith copies of three letters as well as of a letter from the Garrison Engineer, and to state that up to this date, I have received only two of those from either of those Officers. I am also sending that portion of the Rejang Teakwood which the latter sent to me, and which measures each about a yard long, and two inches square. I deemed it necessary to mention that I could not understand how Ryanizing alone could have preserved timber so long, as from the time agreed upon the whole was most likely to endure more than 4 years.

Allow me to remain
Sir
Your most obedient
humble Servant
(Signed) H. Rieschieth

No. 5839

Extracts from the Proceedings of the Chief Engineer in the Department of Public works, Fort Cornwallis
Penang 10th Dec. 1857

No. 516

From
Captain H. de Rieschieth
Garrison Engineer
To
The Chief Engineer D. S. Sir
Fort Cornwallis

Sir,

In reply to your letter No. 5839 of the 7th instant, calling for my reports upon certain representations made by Mr. Fullerton of not having been employed as he expected in Ryanizing timber for this and the Civil Architect Department, I have the honor to inform you that I sent some timber to begin on, when the steamer was returned with an intimation that little or no profit could be gained by Ryanizing so small a quantity.

2. I was anxious to try a final Experiment first, to test the efficacy of the Solution before incurring a great outlay by Government, particularly as I had other doubts of whether Mr. Fullerton's large supply of Chemical ingredients have not long ere now lost their strength and preservative

qualities.

3. I await your orders whether I am to repeat my experiment, or have a Tank and other requisites prepared and erected for Ryanizing timber by Mr. Fullerton's process, which will be at least 6 times, or a total of 30 times per cubic foot, more expensive than the Engineer's Department alone, there is a yearly expenditure from 15 to 20000 cubic feet of timber which has satisfied 30 times innocents to the large sum of Rupees 1,95,000.

4. It is impossible to remove the apparatus near to my work and I am at a great outlay to erect Mr. Fullerton's original apparatus which I am prepared to make.

The apparatus is so simple that we could obtain from England and put it up in my work yard and do the work ourselves for one half what Mr. Fullerton charges, besides the saving of the expense of removing timber backwards & forwards.

I have &c
(Signed) H. Rieschieth
Capt. Garrison Engineer

Forwarded
for Information
(Signed) H. Rieschieth
7th December 57

Resolved to forward Copy of the foregoing letter No. 516 dated 7th instant to Mr. Rieschieth, with reference to my letter of the 21st October last, and to inform him that the Chief Engineer does not consider it advisable for Government to incur a heavy expense in the experimental use of the Ryanizing apparatus, but would be willing to authorize its application on a small scale at first.

A True Extract
(Signed) E. Lawford, Major
Secretary to C. C.

To
Mr. Rieschieth

(True Copies)
H. Rieschieth

Madras 145 Pursamulla Road
14 December 1857

To

F. Upcroft Esqr.
Chief Secretary to Government
For St George

Sir

I beg to forward herewith, for submission to the Right Honorable the Governor in Council, Copies of Seven Letters which I have addressed to the Civil Architect P.D., the Garrison Engineer, the Chief Engineer D.C. &c and myself relative to the application of the Kyanizing process to Government timber, agreeably to orders contained in Extract Minutes of Consultation dated 24th August 1857.

In Para 3 of the Garrison Engineer's Report that officer states that, in addition to my charge of 4 Annas a Cubic foot, the Cart hire for conveying the wood to and from the Kyanizing Manufactory will be at least 6 Annas, making a total of 10 Annas per Cubic foot. The fallacy of this estimate is so manifestly clear as to be seen at once, since it is well known that the Carriage of a full bark load of timber would not involve a heavier expense than 6 Annas.

In respect to Captain Rawlins remarks in the concluding para of his letter, that it is impracticable to remove the apparatus near to his work yard, except at a great outlay, which I am not disposed to make, I would merely observe that I never expressed any such disinclination, either verbally or in writing; I beg to add that the absence of that support which I was led to hope my enterprise would have met with, has induced me to advertise my Kyanizing apparatus for sale, and that my object in soliciting you to lay the accompanying Correspondence before Government, is to show the great discouragement I have experienced, although my several experiments (which entailed heavy losses) have been pronounced by the Professor of Chemistry perfectly successful.

I have the honor to be
Sir
Your most Obedt Servant
J Pickersgill

2d to Con. 25th Augt 57 N. 45 & 48

Submitted Officer in charge of the Central Office of Ords
of 2d April 58 No 897 in Case
W Bray

No 40-441

of Chemistry, perfectly successful.

C 15 Augt 022.

R. No. 1. 1857 Sept 4th
2d to Con. 2d February 58

No 2457.

From Mr J. Pickwick

Dated 4th — } Decr 1857
Received 15th — }

1 Encls.
From the Sub Engr in charge of the Central Office 7th April 58 No 737 in 2 Pp

Forwarding correspondence which has passed between himself and certain Public Officers relative to the application of the Pyroligneous process to Government timber, agreeably to the order of the 21st August last, and pointing out certain falacies in the estimate of the expense of a cubic foot of Pyroligneous timber as set forth by the Garrison Engr, and bringing to notice the great discouragement he has experienced although his experiments have been pronounced by the Professor

Wdl 16th 29th Jany 58
Wdl Con Oct 1857

No 164.

Ordered to be communicated to the Chief Engineer for any observations he or Colonel Atkinson may wish to make on Mr Pickwick's representations

Wdl.

Genl

29th January 1858

Copied to the Chief Engr Offices