M.R.O. 1—77,006—8-6-37.

(1) Number of pages 10

(2) Date of repair

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public Works **DEPARTMENT.**

G.O. No. 205 Press ~~Mis.~~

428-429

Dated 17-1 1866.

Not to be folded or roughly handled

No. 428. Read the following letter from the Consulting Engineer for Irrigation and Canal Company, to the Secretary to Government, Department Public Works, dated Madras, 22nd December 1865, No. 132 :—

1. With reference to their Orders as per margin,* I have the honor to submit, for the information of Government, a copy of a letter, No. D. of the 18th October last, addressed by me to the Chief Engineer, Madras Irrigation and Canal Company, and of that Officer's reply dated the 24th November, No. 1,012, which I have just received through the Agent.

1 Letter in original from Agent, No. 482, dated 20th December 1865.
1 Copy of a letter to Chief Engineer, Irrigation and Canal Company, No. D., dated 18th October 1865.

* No. 2,979, 9th October 1865.
„ 3,29), 1st November „

2. It will be noticed that Mr. Latham has issued instructions to the Executive Engineer, Nellore, as also to the Bellary Division, with a view to the investigations being confined to the obtaining of such information as the Board of Directors are desirous of possessing as early as possible, but that he is unable at present to say when these investigations are likely to be completed.

3. I hope that the Board will at the earliest possible moment afford full information as to their views and intentions, and though I am disposed to consider that, under existing circumstances, the work of investigation in Nellore and Bellary which can be of any immediate value in determining these views, should have been by this time completed, it may be advisable to await the receipt of the communication from the Board which may ere long be expected, before pronouncing any further opinion against the continued employment in these Divisions of the Establishments there engaged in collecting information.

4. It seems, however, most important that the Directors should understand that a comparatively moderate amount of additional capital, say 25 to 30 lacs, would suffice to complete the Main Canal from Soonkasala to the end of the 8th Section, 143 miles, for irrigation ; to continue it to the Pennair 178 miles ; and to utilize the large expenditure already incurred by constructing the channels of distribution, and that this most desirable result could be accomplished within two, or at most three, years; on the other hand, the proposed canal in Nellore is entirely separate and distinct, and may be hereafter carried out or rejected on its merits, without affecting the Canal north of the Pennair as a work of irrigation. Moreover, the Bellary project, that is the canal from the Toombuddra to Bellary, and thence across that District to Kurnool, should be left out of consideration altogether until the works below Kurnool have been fully completed, because, in the first place, the capital required would be very large, not less than one and a half Millions ; the part already investigated is not likely to pay a per-centage which would be likely to, or could rightly, divert any capital that may be available from the works below Kurnool ; and this project is so independent of that which has already made considerable progress, that its indefinite postponement is perfectly unobjectionable.

5. If the Company in their endeavour to carry out the contract confine their efforts for the present to raising capital for the canal from Soonkasala to the Pennair, they may, if successful in obtaining funds, be able to show within two or three years

such results as would render the shareholders willing to subscribe the additional capital necesssary for the extension of their operations, at least to the extent of constructing an irrigation canal from Somaisweram to the sea in the Nellore Division, but if with the requisite completion of works already undertaken, others, as in Bellary, quite distinct, as yet imperfectly investigated, and of which the returns are problematical, be united, as though their relinquishment or postponement would injuriously affect the Company's affairs, it appears to me extremely improbable that the Directors, with such a capital, as would be then needed, shown as requisite to success, would be able to raise even the moderate sum required for the works from Soonkasala to the Pennair, in the face of no present returns for the money already spent. The works have now so far progressed that it should be possible for the Chief Engineer, after a few more months, to irrigate the lands as fast as they can be prepared for wet cultivation by the villagers, and it would undoubtedly therefore be much to the advantage of the Company, that at this critical point the progress of the works, more especially those of distribution, should be urged forward, and that for this purpose the necessary funds should be provided without delay.

From the Consulting Engineer for Irrigation and Canal Company, to the Chief Engineer Madras Irrigation and Canal Company, dated 18th October 1865, No. D.

1. Government have in their Order No. 2,979, of the 9th instant, declined to sanction the grant of 1,000 Rupees for trial pits, &c., in the Nellore Division, for which you applied. I have in reply explained the circumstances, but as the Government in a previous Order, the number and date of which I cannot give you at the present moment, consented with reluctance to allow the surveys in Nellore and Bellary to be continued at all, I have the honor to request that you will be good enough to consider whether it would not be possible still further to reduce the establishments therein employed, without postponing the date by which they can be altogether withdrawn, by confining the investigations and operations for the present to what may be necessary to secure the future utility of the work already done, and to furnish the Board of Directors with tolerably reliable information as to the probable cost of the projects in those Divisions.

The Order here referred to is that of the 17th May 1865, No. 1,312.

2. I shall feel obliged also if you will inform me, as soon as you may be able to do so, by what date the establishments in these outlying Divisions will be entirely withdrawn, and the expenditure confined to the progress of the works in the first eight sections of the canal.

(True Copy.)

(Signed) J. MULLINS, Captain, R. E.,
Cons. Engr. for I. & C. Company.

MADRAS,
22*nd December* 1865.

Endorsement of the Agent and Manager, dated Madras, 20th December 1865, No. 482.

From the Provisional Chief Engineer, to the Agent and Manager, dated Kurnool, 24th November 1865, No. 1,012.

1. In reference to the refusal* of Government to sanction the expenditure of Rs. 1,000 in trial pits in Nellore, I have the honor to ask you to inform the Consulting Engineer that I have always intended to confine all operations there to those necessary for forming reliable estimates, and I have also recently urged upon the Engineers in charge of the Bellary and Nellore surveys the importance of gaining secure and telling information of the probable cost of the most valuable projects in their Division, before making further speculative investigations or calculations.

*Vide Consulting Engineer's letter to Chief Engineer, No. D. dated the 18th October 1865.

2. I am unable to inform him when the Board will have collected all the information necessary to bring the scheme fairly before the English public, but I think it very unlikely that the present monthly expenditure will be exceeded.

Forwarded to the Consulting Engineer, in reply to his No. 227 of the 18th October 1865.

(Signed) F. H. HENSLOWE,
Agent and Manager.

MADRAS,
20*th December* 1865.

No. 429. ORDER THEREON, 17th January 1866, No. 205.

CIVIL WORKS, No. 76.

Ordered to be recorded.

(True Extract.)

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

To the Consulting Engineer for Irrigation and Canal Company.
,, Manager for do. do.

Exd. S. T. Augustin.

Enclosures 2.

1 Letter in orgl from agent Bg 482 of 21 Dec 1865

1 Copy of do to Ch Engr & Secy of Govt of Mad of 18 Dec 1865

From — General Engineer's Office.
No. 132 — Irrigation and Canal Co.
Madras 22 Dec 1865.

To — Captain John Mullins R.E.
General Engineer for Irr. Co.

To — The Secretary to Government.
Dept. of Public Works.

Sir,

No 2979 - 9 Oct
— 3290 - 1 Nov } 1865.

With reference to their orders as per margin, I have the honor to submit for the information of Government a Copy of a letter No. D. of the 18th October last, addressed by me to the Chief Engineer, Madras Irrigation and Canal Co., and of that Officer's reply dated the 21st November No. 1012, which I have just received through the Agent.

2. It will be noticed that Mr. Nathans has issued instructions to the Executive Engineer Nellore, as also to the Bellary division, with a view to the investigations being confined to the obtaining of such information as the Board of Directors are desirous of possessing as early as possible, but that he is unable at present to say when these investigations are likely to be completed.

3. I hope that the Board will at the earliest

earliest possible moment afford full information as to their views and intentions, and though I am disposed to consider that, under existing circumstances, the work of investigation in Nellore and Bellary, which can be of any immediate value in determining these views, should have been by this time completed, it may be advisable to await the receipt of the communication from the Board which may ere long be expected, before pronouncing any further opinion against the continued employment in these Divisions of the Establishments there engaged in collecting information.

4. It seems however most important that the Directors should understand that a comparatively moderate amount of additional Capital, say 25 to 30 Lacs would suffice to complete the Main Canal from Boonkasala to the end of the 8th section, 11.3 Miles, for Irrigation; to continue it to the Penner 17.8 Miles; and to utilize the large expenditure already incurred by constructing the Channels of distribution, and that this most desirable result could be accomplished within 2, or at most 3, years; on the other hand the proposed Canal in Nellore is entirely separate and distinct, and may be hereafter carried out

or is rejected on its merits, without affecting the Canal North of the Penner as a work of Irrigation. Moreover the Bellary project, that is the Canal from the Toombudra to Bellary, and thence across that District to Kurnool, should be left out of consideration altogether until the works below Kurnool have been fully completed, because in the first place the Capital required would be very large not less than 1½ Millions; the part already executed is not likely to pay a per centage which would be likely to, or could rightly divert any Capital that may be available from the works below Kurnool; and this project is so independent of that which has already made considerable progress, that its indefinite postponement is perfectly unobjectionable.

5. If the Company in their endeavours to carry out the Contract confine their efforts for the present to raising Capital for the Canal from Boonkasala to the Penner, they may, if successful in obtaining funds be able to shew within 2 or 3 years such results as would induce the shareholders willing to subscribe the additional Capital necessary for the extension of their operations, at least to the extent of Constructing an

an Irrigation Canal from Soupiswaram to the Seaside the Nellore Division, limited if with the requisite completion of works already undertaken, others, as in Bellary, quite distinct, as yet imperfectly investigated, and of which the returns are problematical, be omitted, as though their relinquishment or postponement would injuriously affect the Company's affairs, it appears to me extremely improbable that the Directors, with such a Capital, as would then be needed, shewn as requisite to success, would be able to raise even the moderate sum required for the works from Doonkapala to the Pennair, in the face of no present returns for the money already spent. The works have now so far progressed that it should be possible for the Chief Engineer, after a few more Months, to irrigate the lands as fast as they can be prepared for wet cultivation by the Villagers, and it would undoubtedly therefore be much to the advantage of the Company, that at this Critical point the progress of the works, more especially those of distribution, should be urged forward, and that for this purpose the necessary funds should be provided without delay.

I have the honorable
Your Most Obedt Servt
Sir
John Mullins Captain R.E.
Asst Engr for Irr Works

Ed. Thornton

No. D.

Consulting Engineer's Office
Irrigation & Canal Company
18th October 1865.

From
Captain J. Mullins R.E.
Consulting Engineer I.&C.C.

To
The Chief Engineer
Madras I.&C. Co.

Sir,

Government have in their order No. 2979 of the 9th instant declined to sanction the grant of 1000 Rupees for trial pits &c. in the Nellore Division for which you applied. I have in reply explained the circumstances, but as the Govt. in a previous order, the number and date of which I cannot give you at the present moment, concurred with reluctance to allow the surveys in Nellore and Bellary to be continued at all, I have the honor to request that you will be good enough to consider whether it would not be possible still further to reduce the establishments therein employed, without postponing the date by which they can be altogether withdrawn, by confining the investigations and operations for the present to what may be necessary to secure the future utility

The order here referred to is that of 7th Jany No. 1342.

of

of the work already done, and to furnish the Board of Directors with tolerably reliable information as to the probable cost of the projects in those Divisions.-

2. I shall feel obliged also if you will inform me, as soon as you may be able to do so, by what date the establishments in these outlying divisions will be entirely withdrawn and the expenditure confined to the progress of the works in the first 8 sections of the Canal.-

Thane Fea

Signed/ John Mullins R.E. Capt.
Consulting for L.H.C. Co.

(True Copy.)

Consulting Office
Ins. Canal Co.
Madras 22nd Dec. 65.

Lieut.
Captain, R.E.
Consulting for L.H.C. Company.-

Enclosure in letter
No 132 of the 22 Dec. 1865
to Government Secretary
Pub. Works Department

P.W. 5751.

P.W. 1865. Pet.
Proj. Govt. No 132 January
Irrig. Dr 3151.

The Consulting Engr.
L.H.C.

To The Secretary to Govt.
P.W.D.

Dated 22 December/65
Rec'd 26th

C. 2

With reference to the order of Govt. within mentioned submits for their information copy of a letter to the Chief Engr. & D. of the 18 Oct. last & of that officer's reply thereto of 21 Nov. 65 & 1012 with certain observations.

No 205 - 17th Jany 1866.

With an Order

To The Manager, Porto Novo Iron Co.

Sir,

I am directed to be favored to the Revenue Board No 205 dated 17th January 1866 & to request that you will be pleased to furnish the Board with the information called for in the 2nd paragraph of the letter from the Consulting Engr. to Govt. dated 22nd December 1865 No 132 a copy of which is herewith forwarded.

I have &c.

Fort St. George
17th January 1866.

Secy.

2428. 429

C. 5 Jany 1866. D. 8th