

(1) Number of pages 2(2) Date of repair 20-11-67

(3) Initials of the Referencer \_\_\_\_\_

## MADRAS RECORD OFFICE.

Government of Madras.

*Public & Works* DEPARTMENT.

|                      |             |
|----------------------|-------------|
| G.O. No. <u>1328</u> | Press       |
| <u>327-328</u>       | Mis.        |
| Dated <u>16-5-</u>   | <u>1865</u> |

Not to be folded or roughly handled

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*Proceedings of the Madras Government, Public Works Department,  
16th May 1865.*

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No. 327. Read the following Endorsement of the Consulting Engineer for Irrigation and Canal Company, dated Madras, 29th April 1865, No. 250:—

Read the following letter from F. H. HENSLOWE, Esq., Agent and Manager Madras Irrigation and Canal Company, to Captain J. MULLINS, R. E., Consulting Engineer for Madras Irrigation and Canal Company, dated Madras, 27th April 1865, No. 213.

SIR,

No. 1,900 of 21st April 1865.

1. In transmitting copy of a letter recently received from the Provisional Chief Engineer, I can only express my

regret that I am not in a position to submit to Government revised estimates for the Nagatoor Division.

2. The necessity which exists for pushing on the works vigorously during the next two months will no doubt be readily admitted, but we are it seems in the unfortunate predicament of having only one alternative, to stop the work or to go on expending money without sanction. I trust therefore that the Government will see fit to accede to Mr. Latham's proposal, and sanction a sum of two lacs as an advance for carrying on the works in the Nagatoor Division.

3. When it is remembered that Colonel Cotton's health has for some time past been failing, that in consequence of that circumstance the office of Chief Engineer has twice changed hands within the last three months, and that changes have also taken place in the office of Executive Engineer for Hindry and for Nagatoor, some excuse will be found for the delays in the preparation of estimates; I am satisfied that all who are now concerned are determined to devote their best energies to the efficient and regular discharge of their duties, and I trust they will be successful in overcoming the obstacles which have hitherto interposed delays.

From J. H. LATHAM, Esq., Provisional Chief Engineer, to F. H. HENSLOWE, Esq., Agent and Manager Madras Irrigation and Canal Company, dated Kurnool, 21st April 1865, No. 1,900.

SIR,

\* No 347.

1. I have the honor to acknowledge the receipt of your letter,\* dated 12th instant.

2. The works in the 4th Section of the Main Canal have required, on Mr. Walch's taking charge, so close and thorough an examination before the estimates for revetments, altered rates, and additional works as now required can be with precision prepared, that I am under the necessity of requesting (as was done by Colonel Cotton for the 2nd and 3rd Sections in his No. 463 of 22nd July last) that a sum may be sanctioned as an advance for carrying on the works. (*Vide G. O. No. 2,301 of 11th August 1864.*)

† *Vide G. O. Nos 2,670 of 14th September 1864, 2,871 of 5th October 1864, and 3,576 of 14th December 1864, also No. 461 of 16th February 1865*

3. Mr. W. Cotton had not prepared these estimates, and Mr. Walch finds that the original estimates as well as the various additional estimates† all require entire revision: and that reliable estimates of work still required cannot

be safely based upon the Division records, but require a complete re-measurement of all work executed.

4. By a careful though approximate calculation of work required in order to make the canal safe for the passage of water, Mr. Walch has shown me that a less sum than two lacs will not be more than is necessary to get the canal open, before the revised estimates can possibly be prepared and sanctioned (see Memorandum attached), and I therefore have to request you to ask the sanction of Government for that amount of advance.

5. I hope with the assistance I can give Mr. Walch that he will send in his revised estimates in six weeks, and I will lose no time in dealing with them.

*Proceedings of the Madras Government, Public Works Department,  
16th May 1865.*

*Memorandum to accompany the Provisional Chief Engineer's letter dated 21st April 1865,  
No. 1,900, to Agent.*

Rough estimate of some of the most important works necessary to complete the Naga toor Division sufficient to pass water.

|                                                                                                                                      |             |
|--------------------------------------------------------------------------------------------------------------------------------------|-------------|
| 3½ Miles of earthwork under Runganatham's contract (rough) ...                                                                       | Rs * 30,000 |
| Same length of revetment under same contract up to 4 feet above bed level (Rupees 5,000 or so already paid, in addition) (accurate). | 80,000      |
| 59th Mile, 1,00,000 cubic yards of earth still to do at say five the Rupee (rough) ...                                               | 20,000      |
| Two 8' 0 culverts and one 6' 0 culvert barely commenced (near) ...                                                                   | 15,000      |
| One 14' 0 culvert already clayed Rupees 2,000, say ...                                                                               | 4,000       |
| Finishing a portion of Jupad bridge and of three calingulah aprons, say ...                                                          | 10,000      |
| Do. of 4" calingulah, say ...                                                                                                        | 4,000       |
| Other banks and revetments, say ...                                                                                                  | 37,000      |

Total .. 2,00,000

(Signed) JOHN H. LATHAM,  
Provisional Chief Engineer.

(True Copies)

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

1. Endorsement to the letter No. 213, of the 27th April 1865, from the Agent and Manager Madras Irrigation and Canal Company with its accompaniment from the Provisional Chief Engineer.

2. Forwarded for the consideration of Government, with a recommendation that an advance of two lacs, to enable the works of the 4th Section of the Main Canal to be continued, pending the submission and sanction of supplemental estimates for earth and masonry works and for revetments, be sanctioned.

3. Information regarding the works in this section of the canal will be found in paragraphs 58 to 76 of a letter, No. 243 of the 19th instant, from the undersigned.

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

No. 328. ORDER THEREON, 16th May 1865, No. 1,328.

CIVIL WORKS, No. 46.

On the recommendation of the Consulting Engineer, the Government sanction an advance of two lacs of Rupees for the continuance of operations in the 4th Section of the Irrigation Company's Main Canal, pending the submission of the supplemental estimates referred to.

(True Extract.)

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

To the Consulting Engineer for Irrigation and Canal Company.  
,, Manager for do.  
,, Secretary and Treasurer Madras Bank.

Exd S. T. Augustin.

No. 250.

Endorsement to the letter No. 213 of the 27th April 1865 from the Agent and Manager Madras Irrigation and Canal Company with its accompaniment from the Provisional Chief Engineer.

2. Forwarded for the consideration of Government with a recommendation that an advance of 2 lacs, to enable the works of the 4th Section of the Main Canal to be continued, pending the submission and sanction of supplemental estimates for earth and masonry works and for revetments, be sanctioned.

3. Information, regarding the works in this Section of the Canal, will be found in paras 58 to 76 of a letter No. 243 of the 19th instant, from the undersigned.

Consulting Office  
Irr. & Canal Company,  
Madras, 29 April 1865.

John Mullins Captain, R.E.  
Consulting Engr. for I. & C. Comp.

Ed. M. B.

Civil Works

Public Works Dept

No 1328

Proceedings of the Madras Government  
Under date the 16<sup>th</sup> May 1865  
Read the following

From the Consy Engineer H.C.C.

Forwards for the consideration  
of Govt. a letter from the Pri.  
Chief Engineer's requests that sanction  
be given for a sum of 2 lacs as an  
advance for continuing the works in the  
Nagavara District.

(Here enter 29 April 1865  
No 250)

On the recommendation of  
the Consulting Engineer the Govt  
sanction an advance of two  
lacs of Rupees for the continuance  
of operations in the section  
of the Irrigation Company's  
Main Canal, pending the  
submission of the supplemental  
estimates referred to.

Wm  
JH  
WDL

C.B.

To The Consy Engr H.C.C. With 2 letters  
Manager to do  
Secy & Treasurer Madras Bank  
Date 17<sup>th</sup> May

16-4-65 - 853-358

To The Consy Engr H.C.C.  
The Secretary to Govt.

Mr. J. C. Phillips  
Rt. 2nd Secy

B.2.  
No. 205

No 324

Forwards for the consideration  
of Govt. a letter from the Pri.  
Chief Engineer's requests that sanction  
be given for a sum of 2 lacs as an  
advance for continuing the works in the  
Nagavara District.

2. 8th May 1865 (A. 11)

2. 1328-16th May 1865

J. W. 1865 Department

Pro: of Govt. for May

No. 1328

Pro: of the Madras Govt.

Df 16<sup>th</sup> May 1865

An advance of Rs. 20,000 for the continuation of operations in the 4<sup>th</sup> Section of the P. H. C. Main Canal, sanctioned pending the submission of the Supplemental estimates for earth & masonry works and for revetments.

No. 327-328

8<sup>th</sup> May 1865 P. H. C.