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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT. Con — 11-10-57

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Dated 10-10 — 1857

Not to be folded or roughly handled

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12/10/57

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Proceedings of the Madras Government, Public Works Department, from 5th to 14th October 1859.

No. 64. Read the following letter from Captain A. FRASER, Under Secretary to the Government of India; to J. D. BOURDILLON, Esq., Secretary to the Government of Fort Saint George, dated Fort William, 22nd September 1859, No. 6625.

With reference to entries Nos. 36 and 37 in the printed proceedings of the Government of Fort Saint George from 6th to 12th ultimo, I am directed to request that the plans and estimates for erecting lightning conductors to the Nursepatam hospital, when approved, may be submitted for the information of this Government.

No. 65. ORDER THEREON, 10th October 1859, No. 2405.

Communicated to the Chief Engineer with reference to the orders of Government of the 8th August 1859, No. 1920. The submission of the plans and estimates referred to will be expedited.

(Signed) W. C. SIM,
Ag. Dy. Secretary to Government.

Public Works Letter, No. 23, dated London, 15th September 1859.

To His Excellency the Honorable the Governor in Council, Fort St. George.

1. With reference to your letter of the 8th July last, No. 28, I have to inform you that the Madras irrigation and canal company have agreed to the scheme proposed by Colonel Cotton.

2. The company have appointed Major Hugh Calverley Cotton, their Chief Engineer at a salary of Rupees 1,250 per mensem, to commence from the date of his embarkation at Tasmania for Madras; the expense of his voyage to Madras is to be paid by the company.

3. You will give Major Cotton free access to all documents which are in your possession and which are likely to be of use to him in connexion with the Toomboodra project.

4. I enclose for your information copy of the instructions which have been sent to Major Cotton by this mail, the company have not yet appointed an agent, and at their request and in order that no time may be lost in the execution of the surveys by Major Cotton, you are authorised to advance to him from time to time such sums as he may require and you may think reasonable, charging the same against the company, Major Cotton rendering to you full accounts with vouchers of sums expended which are to be examined and passed if found correct, Major Cotton being personally responsible for any irregularities.

5. You will consider in communication with Major Cotton the best method of transacting the business of the company at Madras, both with regard to the approval by Government of the plans, and the check upon expenditure, during the progress of the works and transmit to me the scheme which you consider will be best calculated to ensure a proper supervision in all departments, without involving unnecessary delay.

6. You are authorised to appoint an Engineer officer to act as Consulting Engineer to the Government as regards the company, as soon as his services are required, but I should hardly think that it would be necessary to make the appointment at once, for there must be much preliminary work to be done by the officers of the company before any part of the scheme can be presented to Government for approval.

7. A copy of the contract with the company will be forwarded to you as soon as it has been settled.

8. It is of considerable importance that an accurate account should be kept of the total cost of the works performed by the company, and there are many items, such as the salary of the Consulting Engineer and the value of the land which will be supplied to the company free of charge, &c., which although not paid by the company, will form part of the real cost of their works, you should, therefore, keep an accurate account of all expenditure in your Presidency, of whatever kind, which should properly be charged against the works.

9. Such an account will be most useful for future calculations.

10. I observe that Colonel A. Cotton, in the 6th paragraph of his report, mentions that he considers that a river communication may be opened from Poonah or Ahmednuggur to Kurnool, at a cost of Rupees 1,000 per mile. This would be a most useful undertaking, more especially when the canal is made joining the Kistnah and Pennair rivers. I should be glad if you would direct a more complete survey to be made of the rivers above Kurnool and report the results.

11. In the meantime this work should not be included in the company's scheme, as it appears to me to be one which can more advantageously be carried out by Government.

12. With respect to the more general questions which are discussed in your letter under reply, I have to observe that it is of great importance that the operations of the company should succeed, not only as regards the effect upon the Indian revenues, but because a successful result

fact, the interests of all are alike engaged in its successful execution. The commercial aspect of the scheme is one, therefore, which you will readily see, is of the first importance and must be carefully kept in view, and taken in account with the plan, which after full enquiry and investigation, you may finally recommend for the approval of Government and adoption by the Board.

14. The main channel and locks will require to be constructed with a view to the navigation of steam boats and other vessels of light draught for conveyance of goods and passengers, and the subordinate channels should also be planned for the accommodation of smaller vessels wherever any traffic can be expected.

15. As the present scheme can only be considered as one of a system of similar works necessary for opening up and developing the resources of the central provinces, it will be proper you should bear this in mind in you proceedings, with the object of facilitating any extension of the works hereafter, should such be determined upon with the approval of Government.

16. You will please communicate full particulars of the progress made in the investigation now ordered, and in the works when commenced upon by every mail for the information of the Board.

17. The scheme to which you attention is now directed, will be found to consist of various parts, each forming a project complete in itself, and you will, therefore, determine as early as you properly can upon what will be in your opinion the most advantageous part or section for first construction, and of which you will prepare working plans and detailed estimates.

18. It is the anxious wish of the Board that the works should be commenced and completed with the least possible delay, and they will do all they can to further this object by supplying you with a full and efficient staff, together with tools and implements of all kinds and in any other way you may point out.

19. I may add for your information, that the Secretary of State for India has approved of the engagement here of four thoroughly efficient and four subordinate Assistant Engineers, and the necessary selection will be made as soon as possible, and that portion of your staff forwarded to Madras with all possible despatch.

20. Pending the appointment of an Agent to the company at Madras, the Secretary of State for India has directed the Government of Madras to make such advances of money to you as may be required, in order to enable you to commence the survey without loss of time. You will submit to the Government of Madras monthly accounts of your expenditure with vouchers, and be held responsible to the company for the proper expenditure of the money so advanced. Copies of the accounts and vouchers so submitted, together with a statement of outstanding balance and its distribution must also be forwarded to the Board monthly.

21. The directors believe it is the intention of the Madras Government to appoint an Engineer officer as their Consulting Engineer upon all subjects connected with the operations of this company, should this be the case, you will be good enough to place yourself in immediate communication with him, and secure his co-operation in and approval of your proceedings to the best of your ability, it being one of the terms of the arrangements entered into by this company with the Secretary of State for India, "that the various works comprehended in the project selected for the commcement of operations by this company, shall be constructed conformably to "plans approved by the local Government," with whom it is the especial wish of the directors that the most cordial relations on the part of the officers of this company should at all times be maintained.

Terms of arrangement entered into between the Secretary of State for India in Council, and the Madras irrigation and canal company and referred to in the accompanying letter of instructions to Major. H. C. Cotton.

1. That the operations of the company shall in the first instance be confined to one work or project approved by the local Government, the estimated cost whereof shall be £1,000,000 sterling.

2. That his Lordship the Secretary of State for India in Council will guarantee a minimum interest of 5 per cent. per annum on the capital of £1,000,000 as it is paid into the Indian treasury, which guarantee shall be subject to determination only in the manner next hereafter described.

3. That the Secretary of State for India in Council or the Government of India for the time being, shall within six months next after the expiration of any 25 years from the commencement of this present arrangement, have the option of purchasing the works constructed, at a sum equal to the average of the market price at which the shares therein have been selling in London during the three preceding years.

4. That the various works comprehended in the project selected for the commencement of operations by the company shall be constructed conformably to plans approved by the local Government, and shall be kept in a state of efficiency by the company.

5. That it shall be left to the Government to decide in what manner the returns from the works constructed shall be levied, and the Government shall have the option of purchasing the water supplied for irrigation at a price to be agreed upon with this company.

6. That all surplus returns from such works, after the payment of all expenses of maintenance and establishments, and of the guaranteed minimum interest shall be divided equally between the Government and the company.

7. That all requisite land shall be provided by the Government.

8. That the Secretary of State for India in Council shall possess the same power of supervision and control over the proceedings, preliminary expenses and future expenditure of the company, as he possesses over those of the guaranteed Indian Railway Companies.

(True Copies.)

(Signed) J. D. BOURDILLON,
Secretary to Government.

Exd. Wm. Thomas.

52/10

No 8. Pub Works
15th Sept 1859

The
Secretary to Govt Fort St George
No 23.

Intimating that
the Madras Irrigation
and Canal Company have
agreed to the scheme pro-
posed by Colo Cotton.

4

PUBLIC WORKS DEPARTMENT.
Public.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Dated 26th October, 1859, No. 2515.

1. Ordered that the despatch in this department from the Home Government dated 15th September 1859 No. 23 be communicated to the Chief Engineer and to the Accountant General for their information and guidance so far as concerns their departments respectively. The instructions issued by the company to Major H. C. Cotton appointed their Chief Engineer, and the terms of arrangement received with the despatch, will likewise be forwarded to the Chief Engineer for information.

2. Mr. F. Agnew, having been recognized by this Government as the company's local agent* Colonel Bell will confer with that gentleman on the two points specified in paragraph 5 of the despatch, as well as in regard to the system to be established by which correct accounts of the actual expenditure may at all times be ensured, and will report the result to Government. Colonel Bell's attention is also directed to the survey directed at the close of paragraph 10, and he will suggest the mode in which this work may be effected.

* Pro. 15th October 1859 No. 2453.

Paragraphs 8-9.

Paragraphs 10-11.

3. Pending the nomination of a Consulting Engineer, the Chief Engineer will be the channel of communication between the Government and the company's agent.

(True Extract.)

Secretary to Government.

To the Chief Engineer
" Accountant General } with despatch.
To F. Agnew, Esq.

Exd. Wm. Thomas.

No 6625

11

From Captain A. Fraser
Under Secty to the Govt of India

To A. D. Bouduillon Esqre
Secy to the Govt of Fort St George
Dated the 22d September 1859

Sir

I have the honor to forward herewith a Letter from Messrs Parkinson & Co dated the 17th Instant with its Enclosure, requesting that the Government of Fort St George may be moved to request the Government of India to sanction the Plans and Estimate for Erecting the Piers and Breakwater in the Harbour of Nagapatam.

2. In reply I am directed to state that the Government of India will be willing to sanction the Plans and Estimate for the proposed Works, when all the requisite information regarding them shall have been furnished by the Madras Government.

I have &c
A. Fraser
Under Secty to the Govt of India

Fort William,
the 22d September 1859.

Your most obedt Servt

Bentinck Capt Bn
Under Secty to the Govt of India

Dupd

Recd 1st Nov 1859 Dft 1st
Rec'd 1st Cons. 1st October
No 2515
Rec'd the Madras
Government
Dated 26th October 1859

Names despatched on
Col. Cotton's scheme of
alterations of Madras
Irrigation and Canal
Company. Communi-
cated to the Chief
Engineer and
Accountant General

No 64

Cons.12th Augt/59 No.36-2/1

P. Works 1839 Octbr 4th
Pro: of Govt 21st Octr.
No 2628.

From the Under Secty
to the Govt of India

Dated 22d Sept 59
Received 8th Octr 1839

No. 6625.

No 2405.

Letter from the Govt of India in the Public Department dated 5th August 1859 No 1919 forwarding a Memorial from the Civil Surgeon of Cuttack praying that the Lightning Conductors which have been erected to the Cuttack Hospital may be examined and reported upon.

Copies of the above and of the Report of the Civil Surgeon of Cuttack dated 10th October 1859 forwarded to the Govt of India in the Public Department for information.

No 6465.

No 2405. 10 Oct 59

Pro: of the Madras Govt in the Jud Dep dated 16 Dec 59 No 3263 inclos.

Requesting that the Plans and Estimates for erecting Lightning Conductors to the Nursepatam Hospital when approved may be submitted for their information.

Written an Order