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No. 2574, dated 9-12-190

Local & Munl. (1895) Department.

MISCELLANEOUS.

G.O., No. 2014 m

DATED 2nd December 1895

[Despatch Abstract.]

Cocoon Improvement Scheme.

Recording, Government Order, Public Works Department, sanctioning, with remarks, the proposed modifications of grants for the-----, and drawing the attention of the Chairman, Harbour Trust Board, to the excessive delay which has been allowed to occur in the preparation, by the Engineer of the Board, of the estimate for the entrance of the canal into the Harbour.

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BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

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INDEXED.

Miscellaneous.

LOCAL AND MUNICIPAL DEPT.
G.O., DATED 2-12-95
No. 2014 M.

INDEXED.

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tion, by the Engr of the
Board, of an estimate for
the entrance of the Canal into
the harbour.

READ AGAIN ORDER OF GOVERNMENT, DATED
1895, No. MISCELLANEOUS.

ENCLOSURES.

CURRENT No.

STATEMENT WITH DITTO.

ORDER OF GOVERNMENT

STATEMENT WITH DITTO.

PAPERS NOT FILED UP, BEING MEANT FOR DISPATCH
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BACK PAPER, No.

OF 119

FURTHER PAPER, No.

OF 189

No. 971 I., 15TH NOVEMBER 1895.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following papers:—

From A. S. RUSSELL, Esq., Officiating Superintending Engineer, II Circle, to the Chief Engineer for Irrigation, dated 16th October 1895, No. 15 C.

As time was passing away, and as I could obtain no definite information when the estimate for the Cooum Improvement Scheme will be submitted to me, and is likely to be sanctioned, I requested Mr. Smyth some weeks ago to surrender from the grant of two lakhs for the work such sums as he could not see his way to spend within this official year. Subsequently a reminder was sent to him, and finally on 4th instant I instructed him in detail in a demi-official letter how to dispose of the matter expeditiously. His letter No. 232, dated 9th instant, copy of which is herewith forwarded, makes a complete disposal of the question of what funds should be surrendered from the grant of two lakhs for the Cooum Improvement Scheme.

2. This grant is made up as follows:—

	RS.
Land	1,00,000
Earthwork	50,488
Masonry	30,000
For works	1,80,488
Establishment	18,512
Tools and plant	1,000
Total	2,00,000

3. Of this amount, Mr. Smyth surrenders Rs. 55,000. This surrender can be utilized as follows:—

	RS.
Balance required for dredger for Buckingham Canal—vide this office endorsement No. 207 B.C., dated 17th September 1895	21,000
Capital expenditure on seven locks and flood gates on Buckingham Canal as shown in accompanying statement	30,240
Total	51,240

The balance of Rs. 55,000 — 51,240 = Rs. 3,760 cannot be utilized and is herewith surrendered.

4. It will be observed from Mr. Smyth's letter that he does not even yet know when he can submit the estimate for the Cooum Improvement Scheme, but thinks about 25th instant. Assuming this is the case, the estimate will be submitted from this office within a week of its receipt, and on the supposition that sanction to start work is received by Christmas, Mr. Smyth estimates that he can spend Rs. 1,45,000 within this official year. The Chief Engineer, to whom the estimates, when ready,

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will be forwarded, will be able to say whether there is a reasonable probability of the estimate being sanctioned by Christmas, and a reference to him is advisable.

5. Assuming this to be so, I request that the grant of two lakhs may be redistributed as requested in paragraph 14 of Mr. Smyth's letter, and that the balance of Rs. 55,000 be redistributed as requested in paragraph 3 above of my letter, while Rs. 3,760 be withdrawn. If these transfers are approved, I request that very early intimation be made to me, in order that no time may be lost in instructing the Executive Engineer, Buckingham Canal, to make arrangements forthwith for spending the extra allotment of Rs. 30,240.

6. The fact that the grant for the Cooum scheme is given by the Irrigation office, while the estimate is to be sanctioned in the Works office, somewhat complicates matters, as such subjects are intimately connected and cannot be separated. I request therefore that points, such as that dealt with in the following paragraph, may be transferred, together with this letter, to the Works office, as soon as the necessary transfer of funds have been made in the Irrigation office.

7. I consider it absolutely necessary, in order to avoid delays that are almost certain to occur, that Mr. Pinto, Deputy Collector, be placed on special duty immediately the estimate for the Cooum scheme is sanctioned, in order to see that payments for compensation for land and buildings are *actually made* within this official year. Otherwise there is, in my opinion, certain to be a lapse of grant under this head, as there is usually protracted delay in making payments, and this delay is likely to be intensified in the case of land and buildings taken up in the heart of Madras. I therefore request that the Chief Engineer will be pleased to arrange that Mr. Pinto be placed on special duty from the date the Cooum Improvement estimate is sanctioned, and that I may be informed whether there is a reasonable probability of the estimate, if submitted by the end of this month, being sanctioned by Christmas, or whether delays are likely to occur owing to the necessity of references having to be made to the Government of India or Secretary of State. In this case it will of course be impossible to spend any portion of the grant for the Cooum scheme this year, and a further surrender will be necessary.

ENCLOSURES.

From T. W. S. SMYTH, Esq., Executive Engineer, Cooum Improvement Scheme, to the Superintending Engineer, II Circle, dated 9th October 1895, No. 232.

Probable date of submission of estimate.—With reference to your demi-official of the 4th instant, I have the honour to report that I expect to resubmit the estimate for the Cooum Improvement Scheme about the 25th instant, provided I obtain the estimates for the railway bridge and harbour work in time.

2. *Deputy Collector's letter.*—I went to see the Deputy Collector, Mr. Chester, but he was unfortunately absent from office; he has however written a demi-official letter on the question of compensation, a copy of which I enclose.

3. *Land Compensation.*—The delay in settling for the land taken up for the Madras Railway does not promise well; this land must already have been occupied six months. I presume, however, that a payment into Court is expenditure against grant.

4. Out of the amount Rs. 1,35,300 * estimated for land compensation which will be slightly increased in the revised estimate, Rs. 69,281 will have to be paid over to the Military authorities, Rs. 31,690 to the Municipality, leaving Rs. 34,329 to be paid to private parties.

* In the Cooum Improvement estimate.
(Intld.) A. S. R.

5. Expenditure is improbable on the first item, as the question must go to the Government of India, but I think expenditure very probable on item No. 2 as the money is mostly for the slaughter-house and land and huts near it, about which disputes are unlikely. I am very doubtful as to expenditure on the third item, and to be on the safe side, I would put total probable expenditure at Rs. 30,000; we can in any case either pay this sum on account to the Municipality or into Court.

6. *Special Revenue Officer.*—I do not think I need add anything to Mr. Chester's remarks regarding the appointment of a Special Revenue officer.

7. As regards other expenditure, my programme for the calendar year 1896 is based on the supposition that the estimate will be sanctioned in time to make contracts before Christmas.

It includes the following:—

- (1) Bridge and regulator over the Cooum up to springing line of the arches.
- (2) Works at St. Thomé.
- (3) Weir on the Cooum.
- (4) Basin lock.
- (5) Basin road bridge.
- (6) Tiruvattore road bridge.
- (7) Excavating canal (part).
- (8) Tools and plant.

There are other items which will not affect expenditure before the end of the current official year.

8. *Pumping machinery.*—To carry out this programme all pumping machinery must be at work early in the year, and if bought new will cost about Rs. 20,000. As some may be taken over from the Periyár at a reduced rate, I put probable expenditure at Rs. 15,000.

9. *Tramway for earthwork.*—For the execution of earthwork, I propose the purchase of a light tramway lying at Secunderabad belonging to Messrs. Molesworth and Co., who made use of it under me on the main canal Kistna Western delta. It consists, or *did* consist, of two engines, about 40 trucks, and 3 miles of rails, and I have just written for general information about its present state, probable cost, &c. I think I shall be fairly safe in estimating an expenditure of Rs. 25,000 on this plant. I have written to a partner in the late firm for information.

10. *Timber.*—I propose to purchase all the timber required for lining foundations, and for centring and for two temporary bridges over the Buckingham Canal to carry the tramway. The cost will be—

	RS.
Timbering for foundations	8,000
Centrings	10,000
Bridges	2,000
Total	20,000

11. *Cement.*—For the foundations of the bridge at the mouth of the Cooum, about Rupees 20,000 worth of cement will be required, and on the other works an expenditure of Rs. 10,000 on the same account might be incurred.

12. *Coal.*—The estimates for unwatering foundations amount to over Rs. 13,000 and an expenditure of Rs. 5,000 may safely be incurred on coal.

13. *Other materials and works.*—It is unsafe to calculate much on other materials, as any thing will depend upon contractors who are (even the best) often very slow at starting, and part payments cannot be made on sinking foundations. Rs. 10,000, however, ought to be spent in one way or another. As regards the canal earthwork, the tramway ought to be in full work by the end of February at latest, even if it requires heavy repairs, and an expenditure of Rupees 10,000 may, I think, safely be depended upon.

14. *Total expenditure.*—Recapitulating, the probable expenditure is as follows:—

	RS.
Land and building compensation	30,000
Pumping machinery	15,000
Tramway	25,000
Timber for foundations	8,000
Do. for centring	10,000
Do. for temporary bridges	2,000
Cement	30,000
Coal	5,000
Materials and works	10,000
Earthwork	10,000
Total	1,45,000

15. *Balance of grant.*—The balance of the grant can easily be spent on purchase of cement for the work in the harbour, or on land compensation, provided no difficulties occur in getting sanction to the proposals with regard to the canal passing through the Rayapuram lines and the works in the harbour, but the former has to go to the Government of India (*vide* remarks by the General Commanding the Forces in G.O., No. 1365, dated 8th June 1895), and the latter, I believe, requires the sanction of the Secretary of State. Whether any expenditure should be incurred on the canal until these questions are settled, it is beyond my province to say.

From B. H. CHESTER, Esq., Deputy Collector, Madras, to the Executive Engineer, Cooum Improvement Scheme, dated 8th October 1895.

[Your demi-official of 7th instant.]

Land can be taken possession of 15 days after notification authorizing acquisition. The payment may be made at once or month after. It all depends on the nature of the claims put forth. The new Act allows us to deposit the money in Court, but it is always advisable to, if possible, come to terms with the owners, so that litigation may be avoided.

Mr. Pinto took up land for the Madras-Ennore Railway and questions of compensation are still pending in the Court in reference to some large claims. I certainly think a special officer will do the work quicker. I am over-worked. As it is I have a deal of land acquisition business to do for the Municipality in addition to my routine work, so that I could not give much time to acquiring land for the improvement scheme.

Dewan Bahadur A. Pinto, Deputy Collector of Mangalore, knows the value of the land you are likely to acquire, very well, as he was on duty in connection with the Madras-Ennore Railway. He is very quick in taking up land, &c., and perhaps you will be able to secure his services as special officer.

As regards transfers from Government and Military Department, I do not think there will be much delay. But as regards the Municipality, it is possible they will ask for compensation, and if so, time may be taken up in negotiations.

BUCKINGHAM CANAL DIVISION.

STATEMENT showing further grant that can be utilized this official year under "Capital" on works called for in Superintending Engineer, II Circle, No. 9 C., dated 9th October 1895.

Name of work.	Amount of estimate.	Existing grant.	Further grant now asked for.	Total required.	Remarks.
	RS.	RS.	RS.	RS.	
1. Constructing a tidal lock at Pambli.	12,500	8,880	2,000	10,880	For collecting materials and preparing gates, &c.
2. Constructing a tidal lock at Swarna-mukhi.	13,850	..	5,000	5,000	
3. Constructing a tidal lock at Pyderu South flood gate.	12,800	10,560	2,240	12,800	
4. Constructing a tidal lock at Manniru North flood gate.	15,500	..	6,000	6,000	These amounts can be utilized on making gates, collecting cut stone and other materials and on cutting temporary diversions.
5. Constructing a tidal lock at Pabroo South flood gate.	12,800	..	6,000	6,000	
6. Constructing a tidal lock at Pálár South flood gate.	13,100	..	4,000	4,000	
7. Constructing a tidal lock at Voyalur flood gate.	..	..	5,000	5,000	
Total further grant now required.	..	..	30,240	..	

(Signed) J. LALOR,
Offg. Executive Engineer, B.C. Dn.

No. 195 I.

Submitted to Government.

2. The proposals of the Executive Engineer, Cooum Improvement Scheme, appear to be based on the assumption that it is of importance to spend the existing grant before the end of the current official year, and many of his proposed items of expenditure appear to be of more than doubtful expediency.

3. The subjoined statement compares Mr. Smyth's proposals with those of this office. It is suggested, for reasons given against each item, that instead of the proposed

surrender of Rs. 55,000 only a sum of Rs. 1½ lakh may be resumed from the grant of Rs. 2 lakhs.

Sub-head.	Grant as proposed by Mr. Smyth.	Grant as now proposed.	Remarks.
	RS.	RS.	
Land compensation	30,000	..	It is improbable that the municipality will provide new slaughter-houses in time for any expenditure to be incurred before the end of March and no expenditure is really necessary.
Machinery	15,000	15,000	} No machinery or plant should be purchased without special sanction.
Tramway	25,000	25,000	
Timber	20,000	..	Timber can always be purchased in Madras as required and cut into scantling. It is not a good plan to lay in a large stock.
Cement (say 600 tons)	30,000	..	If local cement is used, no purchase need be made as the manufacturers will probably keep a reserve stock in their own sheds and issue as required.
Materials and works	10,000	..	A very doubtful item, as the estimate, pending the completion of the harbour, requires the approval of the Secretary of State.
Coal (about 200 tons)	5,000	..	No necessity to keep a stock. There will be no difficulty in obtaining any quantity likely to be required from the stock kept by merchants at the Harbour coal hoards.
Earthwork	10,000	5,000	No object in providing much as work is not in any case likely to be started until March and payments can be made in April.
Preliminary expenses	..	5,000	This may be necessary for marking out line, &c.
Total	1,45,000	50,000	

4. The additional grant of Rs. 30,240, or Rs. 37,195 including establishment required for the Buckingham canal, Capital account, may be appropriated from the proposed surrender of Rs. 1½ lakh, the balance of the amount available, viz., Rs. 1,12,805, being credited to the reserve under "43. Agricultural works," as shown in the margin, to meet probable demands which may be made later on in the year for additional funds for urgent works and for repairing monsoon damages.

5. The reduced grant for the Cooum Improvement scheme may be distributed by departmental heads as shown below:—

	RS.
Works	8,130
Establishment	1,870
Tools and plant	40,000
Total	50,000

(Signed) R. R. E. DRAKE-BROCKMAN, Col., R.E.,
25th October 1895. Chief Engineer for Irrigation.

ORDER—No. 971 I., dated 15th November 1895.

In the circumstances reported, the modifications of grants proposed in the foregoing endorsement of the Chief Engineer for Irrigation are sanctioned.

2. The Superintending Engineer, II Circle, will report what gauge he proposes to adopt for the proposed tramway and what engines and rolling stock he proposes to purchase.

3. Orders will issue hereafter on the other points raised by the Superintending Engineer.

4. His Excellency the Governor in Council desires to call attention to the excessive delay which has been allowed to occur in the preparation of the estimate for the entrance of the canal into the harbour which has to be prepared by the Engineer of the Harbour Trust Board. The matter should be expedited by the Chairman.

(True Extract.)

Whitely
Under Secy. to Govt., P.W.D.,
Irrigation Branch.

To the Chief Engineer, Public Works Department.
 „ the Chief Engineer for Irrigation.
 „ the Superintending Engineer II Circle.
 „ the Chairman, Harbour Trust Board.
 „ all other Superintending Engineers.
 „ the Examiner, Public Works Accounts.
 „ the Revenue Department.
 „ the Financial Department.
 „ the Local and Municipal Department. ✓

Local & Municipal
CURRENT No. 3626m

IRRIGATION.
ACCOUNT.

Govt. of {1895} Madras.
PUBLIC WORKS.

C. No. 3626m.
Order No. 2014 mms. 2-12-95
Recorded.

18
27/11/95
W.D.
29/11/95

Dated November, 15th.

Recd.

UNDER SECRETARY
24 NOV 95
PUBLIC WORKS
Encl.

G.O. No. 971 L, 15th Nov. 1895.

NOVEMBER.

Cooum Improvement Scheme

The proposed modifications of grants for the —, sanctioned, with remarks, and the attention of the Chairman, Harbour Trust Board, drawn to the excessive delay which has been allowed to occur in the preparation, by the Engineer of the Board, of the estimate for the entrance of the canal into the harbour?

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READ AGAIN G.O., No.
189.

DATED

CURRENT No.

ENCLOSURES TO C. No.

ORDER OF GOVERNMENT

LETTER OF GOVERNMENT.

STATEMENT WITH DITTO.

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