M.R.O. 1—10,006—28-2-50.

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MADRAS RECORD OFFICE

Government of Madras

Public works DEPARTMENT

G.O. No.	3231	Press
~~B.P. No.~~		~~Mis.~~
250-251		
Dated	16-11-1874	~~195~~ .

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department, 16th November 1874.

No. 250. Read the following letter from Colonel J. CROFTON, R.E., Deputy Secretary to the Government of India, Public Works Department, (Civil Works—Irrigation,) to Lieutenant-Colonel J. MULLINS, R.E., Joint Secretary to the Government of Madras, Public Works Department, Irrigation Branch, dated Fort William, 19th August 1874, No. 517 I:—

I AM directed to acknowledge the receipt of your letter, No. 1,499, of the 8th June last, submitting for sanction plans with revised estimates, amounting to Rupees 10,40,480, for the Striviguntam Anicut Project in the Tinnevelly District, and to make the following remarks thereon.

2. In letter from the Government of India, Public Works, No. 53-I., of the 11th February 1869, an estimate, amounting to Rupees 8,31,600, was sanctioned for this project, but in paragraph 9 an addition of 15 per cent. was made for establishment charges, and the total probable outlay on the scheme was then estimated at Rupees 9,56,000. The following comparison may be made of the present, with the former estimate, and also with the actual outlay on the works to the end of February 1874, *plus* the grant for 1874-75:—

		Works and Plant.	Establishment.	Capitalization of abatement of land revenue.	Total.
A		RS.	RS.	RS.	RS
	Original Estimate	8,31,600	1,24,400	...	9,56,000
	Present	9,19,330	1,01,150	20,000	10,40,480
	Excess ...	87,730	23,250, Deficiency.	20,000	84,480 Net excess.
B					
	Actual outlay to end of February 1874	8,09,390	1,59,916	...	9,69,306
	Grant 1874-75	1,13,590	32,000	20,000	1,65,590
	Total ...	9,22,980	1,91,916	20,000	11,34,896
	Present Estimate	9,19,330	1,01,150	20,000	10,40,480
	Deficiency	3,650	90,766	...	94,416

In the revised estimate now submitted, provision for establishment appears to have been made only up to the 30th November 1872, and not for subsequent periods — this requires explanation.

3. It thus appears very probable that even the present estimate will be exceeded, more especially in the provision for establishments, and I am consequently to request the submission, with as little delay as possible, of a further revised estimate showing exactly what the scheme will cost. Establishment charges should be included for the whole and not for portions only of the period of construction, and provision should also be made for repairs during construction, besides accumulation of interest during the same period, the latter amount

being shown as a distinct item. A detailed revenue statement endorsed by the Revenue Officers, indicating the revenue at present obtained from the works, and that which will be derived from them after the full development of the irrigation, should be sent up at the same time.

4. A note by the Chief Engineer should, moreover, accompany, explaining clearly and briefly the causes of the excess of the revised over the original estimate and the *net* income to be obtained. In calculating the latter, the interest on the capital outlay and the abatement of land revenue should be taken into account, as also the working expenses. The probable supply of water at the different seasons of the year should also be reported on according to the latest data available.

5. I am to remark that it has not been found possible to compare the present estimate with the original one *in detail* in consequence of the manner in which the former has been prepared. Judging from the Chief Engineer's remarks however, the deviations from the original estimate must have been numerous.

6. And, I am to add that the revised scheme will require the sanction of the Secretary of State, the cost being above 10 lakhs of rupees, and the present papers will accordingly be forwarded to His Lordship with the intimation that the further information called for will follow on receipt.

7. The designs and estimates submitted are returned herewith.

No. 251. ORDER THEREON, 16th November 1874, No. 3,231.

IRRIGATION, No. 24.

COMMUNICATED to the Chief Engineer for Irrigation, who will obtain from the District Engineer, Tinnevelly, the information called for by the Government of India in paragraphs 3 and 4 of the above letter.

2. These Proceedings will also be communicated to the Revenue Department, in continuation of G. O., No. 1,498, of the 8th June 1874, with a view to the early completion of Revenue Statements, showing—

I.—The gross and net* revenue derived from the tract of country affected by the project, for a series of years prior to its commencement, so that the standard revenue, with which that of subsequent years will have to be compared, may be determined.

* Gross revenue less outlay on repairs.

II.—The area of irrigation and the revenue of each year subsequent to the commencement of the anicut.

III.—The anticipated ultimate area and revenue.

3. The information to be furnished by the District Engineer will take into account all direct charges to the project, and these were all that were provided for in the estimate of Rupees 10,40,480 submitted to the Government of India, but as it is probable that the latter will desire to know what indirect or ratable charges for Establishments, Tools and Plant, etc., may be debitable to the project, the Controller of Public Works Accounts will be called upon to show what these

Proceedings of the Madras Government, Public Works Department,
16th November 1874.

amount to up to date, and a similar percentage will be added on account of work yet remaining to be done. Up to November 1872 it is understood that there was a special engineering establishment employed on the project, and to that time consequently there will be no ratable charge for Executive Establishment, but only for Direction and Account, thereafter the works have been supervised by the general Range Establishment, and will take their share of its cost.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the Chief Engineer for Irrigation.
,, District Engineer, Tinnevelly.
,, Officiating Controller of Public Works Accounts.
,, Revenue Department.

Exd. S. T. Austin.

Spare Copies

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Public Works Department

Proceedings of the Madras Government

Re Gooty Indian

Read the following

O.B.D. No. 517 dated

19 Augt 1874

3231

Communicated to the Chief Engineer for Irrigation who will obtain from the District Engineer, Sir. nevelly, the informa-
tion called for by the Government of India in paras 3 & 4 of the above letter

2. These Proceedings will also be communicated to the Revenue Department in continuation of G.O. No 1498 of the 8th June 1874, with a view

view to the early completion of Revenue statements, showing

1 the gross & net revenue derived from the tract of country affected by the project, for a series of years prior to its commencement, so that the standard revenue, with which that of subsequent years will have to be compared, may be determined.

2. the area of irrigation and the revenue of each year subsequent to the commencement of the ancut.

3. the anticipated ultimate area and revenue

× gross revenue less outlay on repairs.

revenue.

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thereafter

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Lm. 14/10/74

Genl.

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To
The Chf Engr for Inf. v
— D. E. Kennedy v
— Controller of Pr & Sy. v
— Revs Dept v
D. Capsir despd 20/11/74.

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Govt. of Madras 1874

PUBLIC WORKS.

To

The Chief Engineer
Irrigation

Dated

Recd. Encl.

G. O. 16 Nov 1874, No. 3231

Nos 250-251

Sluice gun tum Anicut Tinnevelly district.

Passing orders on a letter from the Government of India commenting on the revised estimate submitted for the —— and calling for a complete estimate for the project with a statement of the revenue to be expected —

&c.

17/1

Mr. R. Anderson C.S.I.
Mr. J. Davis C.S.I.
H.E. the Governor