M.R. O. 1—39,600—16-10-29.

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No. 2847 Press / ~~Mis.~~

220-29
Dated 13—11— 19 1868

Not to be folded or roughly handled

Proceedings of the Madras Government, Revenue Department,
13th November 1868.

No. 228. Read the following Proceedings of the Madras Government in the Public Works Department :—

Sanctioning, with remarks, estimate of Rupees 5,200 for improving the channel and subsidiary tanks that derive their supply of water from the Kovaloor tank, North Arcot District. (Here enter 5th November 1868, No. 3,461.)

No. 229. ORDER THEREON, 13th November 1868, No. 2,847.

Irrigation, No. 5.

Communicated to the Revenue Board.

(True Extract.)

(Signed) H. SEWELL,
Acting Under Secretary to Government.

To the Board of Revenue, with Proceedings Public Works Department, No. 3,461.

Exd. S. T. Augustin.

Govt. of 1868 Madras

REVENUE.

To

THE BOARD OF REVENUE.

Dated November, 18th.

Recd.

G. O., 13th November 1868, No. 2,847.

NOVEMBER.

Nos. 228-229.

Location [illegible] North Arcot District
—Order sanctioning estimate for improving the
channel and subsidiary tanks communicated to
Revenue Board.

No. 62. Read the following letter from the Superintending Engineer, 4th Division, to the Chief Engineer for Irrigation and Joint Secretary to Government, Public Works Department, dated Camp at Vellore, 29th June 1868, No. 1,538 :—

1 Survey.
2 Plans of masonry works.
1 Estimate, Rupees 5,200.
1 Ayacut Statement.

1. I have the honor to submit the papers, as per margin, connected with a project by Mr. Assistant Engineer Bevan, for widening and improving the Kovaloor and Kovilavadoo Irrigation Channel, in the Wandiwash Talook, Polur Range, North Arcot District.

2. The details of the works proposed to be executed are,—lengthening the calingulah of Kovaloor tank ; enlarging the channel from thence to the Ayelvady large and small tanks; strengthening and raising the bunds of the latter; widening and improving the channel from the Chittary to the Kovilavadoo tank ; and strengthening and raising the bund of the latter tank.

3. The necessity for carrying out these works arises from the fact that, consequent on the improvements effected to the Cheyaur Anicut main channel as far as Kovaloor and Nullalem, a larger body of water will enter these tanks, which must be fitted to receive this augmented supply. In my letter, No. 1,045, dated 10th May 1868, estimates were forwarded for strengthening and raising the Kovaloor, Nullalem, and Naickenary tanks, and, properly speaking, the estimate now submitted should have been incorporated therein.

4. The estimate has been countersigned by the Collector of North Arcot in token of approval, and the Ayacut Statement, furnished by that Officer, shows that an increase of revenue, of Rupees 170, may be expected to accrue from the execution of the project, which is only about $3\frac{1}{4}$ per cent. on the contemplated outlay. It is desirable, however, to carry out the project on grounds irrespective of the increase of revenue. The project is connected with the Cheyaur Anicut system of works, and its execution will be a step towards completing those works, and thus developing their full usefulness.

Memorandum from the Chief Engineer for Irrigation, to the Secretary to Government, Public Works Department, dated Fort St. George, 15th October 1868.

1. The estimates, referred to in the foregoing letter, were originally submitted by the Superintending Engineer on the 29th June 1868. I returned them to Colonel Boileau, with a request that he would inform me whether the works were urgently required, because if they were not, it appeared to me highly desirable that all improvements, required for the final completion of the channels and tanks under the Cheyaur Anicut, should be made the subject of investigation and report. As it was proposed to carry out the works in question from the Loan Grant, it appeared likely that the Government of India, before being satisfied that an appropriation

from that source could properly be made, would require some further evidence than had been furnished that the works would be really advantageous ; and I suggested that the entire project should be taken up, and that I should be placed in possession of information, which would enable me to report on what had already been done, the outlay incurred and revenue realised, and what still remained to be done to render the project complete in every respect.

2. According to the Remunerative Statement, submitted to Government by the Controller Public Works Accounts on the 20th November 1867, the expenditure on new works, connected with the Cheyaur Anicut, amounted to Rupees 82,629, and the net returns for 1866-67 to Rupees 1,046, or to only 1¼ per cent. on the outlay. In their Order, dated 8th July 1868, No. 2,167, the Government approved of three estimates, aggregating Rupees 12,000, for the improvement of three tanks under the Cheyaur Anicut main channel ; but although the Superintending Engineer had represented that a number of small tanks would be benefited by the additional storage-room which would be obtained by this outlay, he was unable to give any assurance that an increase of revenue would be derived.

G. O., No. 3,806, dated 7th December 1867.

3. The estimates now submitted provide for an expenditure of Rupees 5,200 for improving the channel and subsidiary tanks which derive their supply of water from the Kovaloor tank, one of the three tanks for which the previous estimate referred; and, moreover, the tanks now to be improved are included in the list of those which were to be benefited by the improved storage power of the Kovaloor tank. It is to be regretted that the whole of the estimates had not been sent in together, especially as the Superintending Engineer states that the works are urgently required. They cannot be considered of a very satisfactory character. From the 17,200 Rupees proposed in all to be expended, a return of only 170 Rs., or one per cent., is expected, or less than the average return from the previous outlay. I conclude that the Government will consider it necessary to complete the project, and, on that ground, I would recommend the estimates for sanction.

4. The proposed works comprise an enlargement of the escapes of the Kovaloor and two other tanks from nine feet to eighteen feet ; the widening out of the channel connecting them from six feet to fifteen feet at bed ; raising the tanks three feet ; and renewing part of the rough stone revetment. The works will be classified under the following heads :—

CHEYAUR ANICUT SYSTEM.
Supply of Tanks.

NEW WORKS.	Masonry	Rupees	515
	Earth-work	,,	4,685
	Total Rupees ...		5,200

(Signed) J. C. ANDERSON, Colonel, R. E.,
Chief Engineer for Irrigation.

Proceedings of the Madras Government, Public Works Department, 5th November 1868.

No. 63. ORDER THEREON, 5th November 1868, No. 3,461.

IRRIGATION, No. 5.

1. In July last the Government applied for and obtained the sanction of the Government of India to estimates amounting to Rupees 12,000 for improving the Kovaloor, Naickenary, and Nullalem tanks under the Cheyaur Anicut in the North Arcot District. The Chief Engineer for Irrigation now submits a further estimate of Rupees 5,200 for improvements to the channel and subsidiary tanks that derive their supply of water from the Kovaloor tank, and he states that these works should properly have been included in the estimates above referred to.

2. As the proposed works form part of those which are required to complete the Cheyaur Anicut scheme, and to develope its usefulness, the Government sanction the estimate of Rupees 5,200 ; but as it is believed that they will not lead to any improvement of the revenue, their cost cannot, under the restrictions imposed by the Government of India, be charged to the extraordinary grant under "Agricultural." The Superintending Engineer will accordingly report whether he can provide the requisite funds by transfers from the ordinary grant under that head.

(True Extract.)

Colonel, R. E.,
Secretary to Government.

To the Chief Engineer for Irrigation.
,, Superintending Engineer, 4th Division.
,, Controller of Public Works Accounts.
,, Accountant General.
,, Revenue Department.

Exd. F. R. Bantleman.

R-2847.
Comm^r to the Revenue Board.
13th Jan^y

Revenue Dept.
No. 3520.

228-229

Govt. of 1868 Madras.

Cudes

PUBLIC WORKS.

THE CHIEF ENGINEER FOR IRRIGATION.

&c. &c. &c.

Dated November 5th.

Read ——— Encl.

G. O. 5th November 1908. No. 3,461.

NOVEMBER.

Nos. 62-63

No 228-229

No 228-229

With Order