

Revenue (1899) Department.

MISCELLANEOUS SERIES.

G.O., No. 490

DATED 7th February 99

[Despatch Abstract.]

Laurey-Kodamurti Dam

communicating to the Board of Revenue
G.O. (P.W.D.) approving, with remark, certain estimates for the
conversion of the ————— into a regulator with shutters,
and directing that H.E. the Governor of the French
Settlements in India be addressed, through the Political
Department, to communicate his approval to the
proposed improvements.

BACK PAPERS.

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

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.
Cus.	4779/99						

Revenue (1898) Dept

IRRIGATION.

Government (1899) of Madras.
PUBLIC WORKS.

Current No. 712

Recd. 27/1

Regd. 30/1

1899.

Enclosures

Spare copies

G.O., No. 85 I., 12th January 1899.

JANUARY.

G.O. No. 49073-74-1899

Revised.
communicated
to the Board of Rev.

1/1/99

To the Board of Rev.

Cauvery-Kodamurti Open Dam

31.1.99

Approving, with remark, certain estimates for the conversion of the — into a regulator with shutters, and directing that His Excellency the Governor of the French Settlements in India be addressed, through the Political Department, to communicate his approval to the proposed improvements.

21/1/99

21/1/99

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.

READ—the following papers:—

From Colonel A. W. SMART, R.E., Superintending Engineer on Special duty,
Cauvery Completion Estimates, to the Chief Engineer for Irrigation, dated
Tanjore, 13th April 1898, No. 368.

I have the honour to submit plans and estimates (with water diagrams of 1897) for the conversion of the Cauvery-Kodamurti open dam into a closed regulator. The necessity for the work is explained in the report.

ENCLOSURE.

Report by the Superintending Engineer on Special duty, Tanjore, on the Cauvery-Kodamurti Regulators.

The estimate (Rs. 1,00,000) provides for the conversion of the present open dam into a closed regulator. The floor level of the two branches is to be brought to one uniform level of 211.00, and each bay of the bridges is to be divided by an intermediate pier and fitted with shutters $15' \times 6'$. The shutters of the present undersluice bays for the Kodamurti side will be $14\frac{1}{2}' \times 6'$. The areas irrigated are as follows:—

Cauvery (including French territory)	*
Manyaur	 253,659
Palavaur, 10,000 to be irrigated from	 37,147
drainage	 10,000
Total, Cauvery	... 300,806
Say	... 301,000
Kodamurti	... 125,967
Say	... 126,000

It will be seen from an inspection of the diagrams of 1897 that the Kodamurti draws a great deal more than its fair share of water. The difference is most remarkable in September and October, and this has been going on for years. The alterations made last year have had no appreciable effect on the low-water water discharges. The set has always been towards the Kodamurti side, in which the Kodamurti undersluices have had considerable share, and this open regulator into a closed one is absolutely necessary, if the distribution is to be in any way equalized; the shutters will also give the power of turning the whole supply where it falls low down either branch at pleasure.

The work provided is to be carried out by the Kodamurti side.

The work provided is to be carried out under the usual specifications of the district.

No. 303 L.

Note by the Chief Engineer for Irrigation.

With the above letter, the Superintending Engineer on Special duty, Cauvery completion estimates, submits plans and estimates, amounting to Rs. 1,00,000, for the conversion of the Cauvery-Kodamurti open dam into a regulator with shutters.

2. The present existing works across the Cauvery and Kodamurti are stepped dams with road bridges over them. Both bridges consist of thirteen spans of 34' 3", and the one across the Kodamurti has, in addition, two sets of undersluices whose floor level is 210.50. The lowest step of the dams is 211.00, and the highest 214.00 and 213.13, respectively. It is proposed to raise the floor of the two branches to

				ACS.
Nattu voikal	...	...	...	6,988.74
Vangiar	...	...	...	3,721.74
Noolar	...	...	...	9,398.40
Arasalar	...	...	...	2,515.59
Total, Cauvery	...	...	...	22,624.47
Irimalrajanar	...	...	...	5,009.40
Mudicondanar	...	...	...	560.00
Total, Kodamurti	...	...	...	5,569.40
Grand total	...	...	...	28,193.87

Vide letter No. 481, dated 5th June 1897,
from Superintending Engineer on Special
duty, Cauvery completion estimates.

(Signed) W. HUGHES,
Minister for Lands and Survey

(Signed) W. HUGHES,
Chief Engineer for Irrigation.

3rd December 1898.

ORDER—No. 85 I., dated 12th January 1899.
Submitted by the Chief

The estimates submitted by the Chief Engineer for Irrigation are approved for submission to the Government of India for sanction, subject to the approval of His Excellency the Governor of the French Settlements in India to the execution of the proposed improvements.

2. The following letter will be sent in the Political Department.

(True Extract.)

Helms

Under Secy. to Government,
Irrigation Branch.

To the Chief Engineer for Irrigation.
 " the Superintending Engineer, Special duty, Cauvery completion estimates.
 " the " V Circle.
 " the Examiner, Public Works Accounts.
 " the Revenue Department.
 " the Political Department, with draft letter to His Excellency
 the Governor of the French Settlements in India.

Exd. T. K. Narayana Aiyangar.

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When examined _____
When signed _____

189 .

READ AGAIN G.O., No.
189

DATED

CURRENT No.

ENCLOSURES TO G. No.

ORDER OF GOVERNMENT

A A A A A A A

LETTER OF GOVERNMENT.

STATEMENT WITH DITTO.

ARE NOT FILLED UP, BEING MEANT FOR DESPATCH
IN ORIGINAL.

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