

Political (1899) Department.

ORDINARY MS.

G.O., No. 126-7

DATED 9-2-89

INDEXED.

[Despatch Abstract.]

Requesting the for the French
Settlements in India to approve of the proposal
to convert the existing Banwar - Kodamurki
open dam into a regulator with shutters.

T
9-2-89

BACK PAPERS.

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

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.
444/89 978/89	9384 R 6.3.99.						

IRRIGATION.

Government {1899} of Madras. PUBLIC WORKS.



Recd. 3rd Feb
Regd. 3rd Feb } 1899.

Enclosures 14. (9 papers)
Spare copies 5.

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

JANUARY.

Cauvery-Kodamurti Open Dam

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.

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' x 6'. The shutters of the present undersluice bays for the Kodamurti side will be 14½' x 6'. The areas irrigated are as follows:—

Cauvery (including French territory)	...	...	...	253,659
Manyaur	...	...	...	37,147
Palavaur, 10,000 to be irrigated from Cauvery, remainder by 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 river has been made a sort of sand escape to the Cauvery. The conversion, therefore, of the 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 under the usual specifications of the district.

No. 303 I.

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

			ACS.
Nattu voikal	...	...	6,988.74
Vangiar	...	...	3,721.74
Noolar	...	...	9,398.40
Arasalar	...	...	2,515.59

Total, Cauvery ... 22,624.47

Tirumalrajanar	...	...	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.

of the Government of India under Public Works Department Code, II, Chapter V, paragraph 35, rule V (a).

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

3rd December 1898.

ORDER—No. 85 I., dated 12th January 1899.

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.)

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.

Order no 126 of 9-2-98

Under the following Order will be signed

Government of Madras.

PUBLIC WORKS DEPARTMENT.

To

Letter no 127 of 9-2-98

His Excellency the Governor

of the French Settlements in

INDIA.

January 1899.

SIR,

In forwarding herewith, for your Excellency's perusal and retransmission the plans, estimates &c connected with the proposal to convert the existing Jaavery Kodamarti open dam into a regulator with shutters, I have the honour to request that your Excellency will be pleased to communicate your early approval to the execution of the proposed improvements which are considered to be absolutely necessary for regulating the distribution of water between the two rivers.

2. The shutters 2 feet high at present ^{fitted} on the Kodamarti Dam do not afford any control except when the river is very low. In order to ascertain how the water is distributed when the river is higher, special gaugings were made in the year 1897 with the result shown on the diagram which accompanies the plans. It will be observed that the Jaavery gets a far less share of the water than is due to the irrigation under it and as 22,004 acres in French Territory are irrigated from branches of the Jaavery against 5,500 from branches of the Kodamarti as

shown

(initialed)
A.E.H.
18-12-98.

A.T.A.
2-1-99

H.M.W.
3-1-99.

shewn by the list in the margin it would appear to be

quite as much to the interest

of the Karikal as of the ---

British ryots that the ----

proposed work should be ---

carried out.

Be pleased to accept

the assurance of the high --

consideration with which

	Acres
Nattuvaiikal	6,988.74
Vanjear	3,721.74
Noolar	9,398.40
Arasalar	2,515.59
Total Cauvery Section	22,624.47

Tirumalrajengar	5,009.40
Mudicondanar	560.00

Total Kodamurti Section. 5,569.40

Total in French territory 28,193.87

I have &c

I.

When given for copying _____
When copied _____
When examined _____
When signed _____

189 .

READ AGAIN G.O., No. _____, DATED
189 .

CURRENT No.

ENCLOSURES TO G. No.

ORDER OF GOVERNMENT.

LETTER OF GOVERNMENT.

STATEMENT WITH DITTO

PAPERS NOT FILED UP, BEING MEANT FOR DESPATCH
IN ORIGINAL.

N.B.--

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