(1) Number of pages 4

(2) Date of repair 15-12-1980

(3) Initials of the Referencer

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No. / B.P. No.	2747	Press. / Mis.
Dated	15-5-1877	197 .

82

Not to be folded or roughly handled

Archives 1—10,006—19-4-79.

Read the following papers :—

No. 579. From District Engineer, Godavery, dated 13th November 1876, No. 2,277, and enclosures.

WESTERN DELTA, GODAVERY.—DRAIN WEST OF NURSAPORE CANAL.
CLASS I.—WORKS.

Comparative Statement showing the Original and Revised Estimates.

ORIGINAL ESTIMATE.					REVISED ESTIMATE, MOGULTUR DRAIN.		
Main Head.	Sub Head	Items.	Amount.	Total.	Items.	Amount.	Total.
			Rs.	Rs.		Rs.	Rs.
(4)—Drainage and Protective Works.	B.—Land	Compensation	..		Compensation	800	800
	C.—Works.	12-feet Bridge at 3½ miles	930		12-feet Bridge at 3½ miles	*2,363	
		16-feet Bridge across Drain at 4½ miles ..	1,440		16-feet Bridge across Drain at 4½ miles ..		
				2,370			2,363
	L.—Earthwork.	Earthwork of Main Drain	14,500		Earthwork of Main Drain	20,698	
		Minor Infall Drainages.	1,950		Minor Infall Drainages.	371	
				15,950			21,069
		Grand Total ..	..	18,320	....	..	24,232

* Cost of *each* bridge unknown when building, separate accounts were not kept.

GODAVERY,
26th October 1876.

(Signed) A. R. F. DORWARD, Lieut., R.E.,
Asst. Engr., Western Delta Dn.,
Godavery District.

(Signed) J. BEATTY, Major, R.E.,
Offg. Superintending Engineer.

No. 192—W.

No. 580. *Note by the Chief Engineer for Irrigation.*

Drain west of Nursapore, Godavery Western Delta.—The revised estimate for this drain exceeds the original* by Rupees 5,912, and the need of greater expenditure is shown to be due to the incompleteness of the original arrangements. The drain has been very effective in relieving lands near the upper part; but it has, from the absence of proper banks in the lower part, done harm to the lands in that neighborhood; and when inspecting the delta in 1873, the requirements were noticed by the undersigned. The name by which this drain has hitherto been called being inconvenient, it is proposed for the future to call it the "MOGULTUR DRAIN."

* Item 15 of sanction of Government of India, Rupees 18,320.

Paragraph 57 of Notes in Proceedings, Madras Govt., No. 1,906, dated 15th July 1874.

2. It will be necessary to take care that the drainage of every part of the lands which are not to be drained under the Nursapore Canal is duly considered and

provided for. It is more than probable that much of those lands will not drain into the drain west of Nursapore near the mileage opposite to which they are situated, and possibly a continuous channel in rear of the banks of the main drain will be needed for their efficient relief. If the soil for banking be taken from such a channel, all that is needed may be secured without additional expense. The estimate makes no provision for masonry inlets of any kind, and unless the lands alongside the lower part of the drain be drained separately into the tidal creek, which may be the best plan, some inlets will be necessary. The omission from the estimate may be due to the requisite data for the arrangements not being yet available.

3. The area of country drained is twenty square miles, and the cost, according to the revised estimate, will be Rupees 1,211 a square mile, or nearly Rupees 2 an acre. It will be seen that all work executed has been done at less than the anticipated cost.

4. The savings and excesses on the completion estimates of this delta up to date are as follow:—

No. of Item.	Name of Work.	Original Estimate.	Revised Arrangements.	Excess.	Saving.	G. O. sanctioning.
10	Gostanaddi and Velpur Canal (Part only).	Rs. 99,960 (Part of 1,41,060)	Rs. 81,680	Rs. ..	Rs. 9,280	No. 1,388, of 15th May 1875.
1	Head-sluice, Main Canal	14,500	53,650	..	14,850	No. 2,929, of 2nd Nov. 1876.
2	Main Canal	43,000				
6	Venkiah and Weyeru	11,960	15,964	4,004	..	
7	Restoring Navigation with Weyeru (Junction Canal)	*60,610				
17	Additional surplus weir near head of Ellore Canal, Nundamur	14,000	*78,218	..	5,392	
18	Rest-houses	23,200	22,997	..	203	
5	Bank Canal	1,07,900	1,14,340	6,440	..	G. Os. sanctioning not yet issued.
16	Ellore Canal	†2,46,590	†2,76,604	30,014	..	
Part of Item No. 14.	Kaza Drain	5,760 (Part of 23,200)	10,588	4,828	..	
		6,38,480	6,54,041	45,286	29,725	
			6,38,480	29,725		
	Total Excess		15,561	15,561		

* Exclusive of Rupees 2,890 for Mid and Low Level Channel head sluices originally included in Junction Canal estimate now transferred to Ellore Canal.

† Inclusive of Rupees 2,890 as above.

The total recorded excess to date is thus Rupees 15,561 on an original estimated amount of Rupees 6,38,480. Adding the excess‡ on the revised estimate now under notice the total excess will be Rupees 21,473 on an original estimated amount of Rupees 6,56,800 or a little over 3¼ per cent.

‡ Rupees 5,912.

The revised estimate is recommended for sanction.

Fort St. George,
17th April 1877.

(Signed) JOHN MULLINS, Lt.-Col., R.E.,
Chief Engineer for Irrigation.

To the Secretary to Government, Public Works Department.

Proceedings of the Madras Government, Public Works Department,
24th April 1877. *No.* 1,407.

No. 581. ORDER THEREON, 24th April 1877, No. 1,407.

IRRIGATION, No. 59.

THE revised estimate amounting to Rupees 24,232 for the drain west of Nursapore, which hereafter will be called the "MOGULTUR DRAIN," Western Delta, Godavery, is approved, and the sanction of the Government of India will be applied for.

(Here enter No. 1,408, dated 24th April 1877.)

(True Extract.)

Lieut.-Col., R.E.,
Joint Secy. to Govt., P.W.D.,
Irrigation Branch.

To the Superintending Engineer, Godavery.
" Collector of Godavery.
" Chief Engineer for Irrigation.
" Examiner of Public Works Accounts.
" Revenue Department.

Exd. T. D. Ryan.
Spare Copies

Revenue Department

No 2486

I.C.L.-5-8-79-929

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Govt. of 18, 7 Madras.

PUBLIC WORKS.

To

The SUPERINTENDING ENGINEER,
GODAVERY.

&c., &c., &c.

Dated April 24th.

Issued

Rec'd. 15th May 1877 Encl.

G. O., 24th April 1877, No. 1,407.

APRIL.

Nos. 579-581.

No 2747.
Comm.r to the
Board of Revenue
C C C
15 May 1877

Magulur Drain, (formerly called drain No. 1 of Nursapore Canal) Western Delta, Godavery.—The revised estimate of Rupees 24,932 for the —, approved and forwarded for the sanction of the Government of India.