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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No.	<u>2132</u>	Press.
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Dated	<u>14.4.1877</u>	197

Not to be folded or roughly handled.

2132
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*Proceedings of the Madras Government, Public Works Department,
17th March 1877. No. 906.*

Read the following papers :—

No. 417. From Major J. BEATTY, R.E., Officiating Superintending Engineer, Godavery, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, dated Dowlaishweram, 13th November 1876, No. 2,298.

I HAVE the honor to forward herewith, for the sanction of Government, longitudinal and cross sections, and an estimate, amounting to Rupees 1,350, with a statement in the form printed in G.O., No. 1,111, of 5th May 1876, for the proposed Mahadevapatnam Irrigation Channel to be dug from Undi Canal. This channel is intended to irrigate 1,800 acres, including 1,550 acres of land which has hitherto been irrigated by Velivarru and Puligummi Channels, branches of Undi Canal which now obstruct drainage and which will now be done away with. Copy of the Range Officer's letter* on the subject is herewith forwarded.

* No. 313, dated 22nd October 1876. This estimate may be sanctioned from the sum of Rupees 12,150 provided in the project for minor earthworks under Undi Canal.

Statement showing the additional Area to be irrigated under the proposed Mahadevapatnam Irrigation Channel from Undi Canal to irrigate 1,800 Acres of land.

Canals.	PROVISION FOR DISTRIBUTARIES.		Total.	Additional acreage to be irrigated.	Rate per acre	ESTIMATES ALREADY SANCTIONED.			Remarks.
	Masonry.	Earth-work.				Amount.	Acreage.	Rate.	
1	2	3	4	5	6	7	8	9	10
Undi Canal ... Amount of estimate now submitted.	8,200	12,150	20,350	24,350	RS. A. P. 0 13 4	4,320 1,350	7,778 * 250	0 8 10 5 6 4	* Exclusive of 1,550 acres already irrigated by two branch channels, viz., Velivarru and Puligummi Channels which will now be done away with.
Total ..	8,200	12,150	20,350	24,350	0 13 4	5,670	8,028	0 11 2	

DOWLAISHWERAM,
13th November 1876.

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

From Lieutenant A. R. F. DORWARD, R.E., Assistant Engineer, in charge Western Delta Division, to Major J. BEATTY, R.E., Officiating Superintending Engineer, Godavery, dated Camp Attali, 22nd October 1876, No. 313.

District Engineer's No. 2,065, dated 19th instant.

With reference to the above I have the honor to state that only 250 acres out of the 1,800 acres to be irrigated by the proposed Mahadevapatnam Channel will be new cultivation. The great object of the channel is to do away with the Velivarru and Puligummi Channels which

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obstruct the drainage of this part of the country by crossing the Mahadevapatnam drain. The following sketch will make matters clear.



No. 132-W.

No. 417-A.

Note by Chief Engineer for Irrigation.

The Officiating Superintending Engineer, Godavery, forwards with his letter No. 2,298, dated 13th November 1876. marginally noted an estimate in connection with the Mahadevapatnam Irrigation Channel situated in the Taluq, Western Delta Range.

2. The nature of the work proposed for execution and the heads of account to which it is chargeable are as follow:—

IRRIGATION.

Godavery Delta System.
Western Delta Section.
Capital Extraordinary.

(3) Distributaries—Mahadevapatnam Channel (Undi Canal).	rs.
Forming an Irrigation Channel from Undi Canal	1,350
Total	1,350

3. This channel is to be made from the Undi Canal and will be 4 miles and 2,460 feet in length. The bed-fall will be 6 inches per mile for the first 3 miles and for the last 2,460 feet; the 4th mile of the bed will be level. The bottom width of the channel for a length of about 4 miles will be 6 feet, and the remaining length will be 4 feet. The tops of the banks will be 2 feet above water level with side slopes of 1.5 to 1 and a least top width 3 feet.

4. This channel is intended to irrigate about 1,800 acres, including the 1,550 acres hitherto irrigated by the Velivarru and Puligummi Channels, branches of the Undi Canal which cross and obstruct the Mahadevapatnam drain, and are now, north of that drain, to be abandoned.

5. The estimate is recommended for sanction.

FORT ST. GEORGE,
3rd March 1877.

To the Secretary to Government, Public Works Department.

(Signed) G. T. WALCH,
Ag. Dy. Chief Engr. for Irrigation,
for Chief Engineer for Irrigation.

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No. 418.

ORDER THEREON, 17th March 1877, No. 906.

IRRIGATION, No. 35.

Account.

The following estimate is sanctioned against the lump sum grant for Minor Distribution, Undi Canal, as shown in the statement submitted by the Superintending Engineer:—

GODAVERY DELTA SYSTEM.
Western Delta Section.
Capital Extraordinary.

(3) Distributaries—Mahadevapatnam Channel (Undi Canal).
L. Earthworks.

Amount of estimate Rupees 1,350.

Name of work—(vide above).

To be carried out by Public Works Department.

This sanction has been registered as No. 348— of 1876-77.

2. It is observed that the lump sum sanctions for the Undi Canal Minor Distribution are—

	RS.
Masonry (C. Works)	8,200
Channels (L. Earthworks)	12,150
Total	20,350

And that the sanctions including that now given amount to Rupees 5,670. The Superintending Engineer should in future show the sanctions under each sub-head as well as the total.

(True Extract.)

W. J. Lewis

Lieut.-Colonel, R.E.,

Secretary to Government, P.W.D.

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

Exd. W. J. Lewis.

4 Spare Copies

Revenue (1877) Department
2132 No 2/12

Gobt. of 1877 Madras.
PUBLIC WORKS.

To

THE SUPERINTENDING ENGINEER,
GODAVERY,
&c., &c., &c.

Dated March 17th.

Issued

Recd. 13th April 77 Encl.

G. O., 17th March 1877, No. 906.

MARCH

Nos. 417-418.

No 2132

Comm. & Co.
Board of Revenue

14 April 77

Muhadevapatnam Irrigation Channel, Go-
davery District.—The estimate of Rs. 1,350
for certain works to the —, sanctioned.

9. 2. 1877. 1/2 of Revenue (16-4-77)