

(1) Number of pages 2

(2) Date of repair 19.6.81

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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No.	44344②	Press.
B.P. No.		Mis.
Dated	7.8.1877	197 .

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

31st July 1877, No. 202 I.

Irrigation.

Account.

Read the following papers:—

No. 143. From Major J. BEATTY, R.E., Officiating Superintending Engineer, Godavery, to the Chief Engineer for Irrigation, dated Camp at Dowlaishweram, 9th July 1877, No. 1,151.

With reference to paragraph 4 of your memorandum No. 75 GD of the 24th April 1877, I have the honor to forward herewith plans and a complete estimate for the Pedda Amiram Channel including a head sluice, and to request you will be good enough to obtain sanction of Government at your earliest convenience.

2. The estimate is made up as follows:—

	Rs.
Head sluice	660
Road culvert	480
Earth work	1,020
Total	2,160

3. I send herewith Lieutenant Dorward's letter in original for your information.

4. The statement showing the additional area to be irrigated under this channel is enclosed.

From Lieutenant A. R. F. DORWARD, R.E., Assistant Engineer in charge, Western Delta Division, Godavery District, to Major J. BEATTY, R.E., Superintending Engineer, Godavery, dated 20th June 1877, No. 159.

As requested in your memorandum No. 370 of 7th ultimo, I have the honor to forward herewith a complete estimate for the Pedda Amiram Channel. The estimate is made up of—

3 Plans.
3 Estimates.

Head sluice	...	...	...	...	...	...	...	Rs.
Road culvert	...	...	...	...	...	...	...	660
Earthwork	...	...	...	...	...	...	...	480
								1,020
Total	...	...	...	...	...	...	...	2,160

The amount allowed for this channel in the sanctioned estimates is Rupees 2,000, made up of—

Head sluice	...	...	...	...	...	...	...	Rs.
Earth work	...	...	...	...	...	...	...	250
								1,750
Total	...	...	...	...	...	...	...	2,000

The necessity of a culvert under the Akeed road was overlooked.

2. Referring to paragraph 2 of memorandum of Chief Engineer for Irrigation, No. 75 GD of 24th April 1877, forwarded with your letter under reply, I have the honor to state that the channel has been designed to carry water at the proper level for irrigation when the usual supply of 2 cubic yards per hour per acre is being sent down. An increase of 6 inches in depth of water in channel gives the maximum supply of 37 cubic feet per second required. The circular referred to was not overlooked when the channel was designed.

110 I.

No. 143-A.

Note by the Chief Engineer for Irrigation.

The Superintending Engineer, Godavery, has forwarded an estimate, amounting to Rupees 2,160, for the Pedda Amiram Channel, a distributary of the Undi Canal, for sanction against the lump sum provisions of Rupees 8,200 and 12,150 for masonry and earthworks respectively of distributaries of that canal.

2. The estimate includes provision for a culvert on the Akeed road, but the span of the culvert should be increased to 6 feet to make the waterway equal to that of the channel. Rupees 100 will suffice for this alteration, and the classified abstract will then be as follows:—

C. Works—								Rs.	Rs.
Head sluice	...	...	...	...	...	...	...	660	
Road culvert	...	...	...	...	...	...	...	580	
									1,240
L. Earthworks	...	...	...	...	...	...	...		1,020
									2,260

3. Only 112 acres additional will be irrigated by this channel, but altogether 1,700 acres will be more effectively supplied, and numerous irrigation spouts will be suspended.

4. The estimate as revised is recommended for sanction.

FORT ST. GEORGE,
23rd July 1877.

(Signed) JOHN MULLINS, Colonel, R.E.,
Chief Engineer for Irrigation.

To the Joint Secretary to Government, Public Works Department, Irrigation Branch.

No. 144.

ORDER THEREON, 31st July 1877, No. 202 I.

The following estimate is sanctioned against the lump sum provision for Minor Distribution Works, Undi Canal, in the Godavery Western Delta completion estimates:—

GODAVERY DELTA SYSTEM.

WESTERN DELTA SECTION.

Undi Canal.

Capital Extraordinary.

(3). Distributaries.

Pedda Amiram Channel.

Amount of estimate, Rupees 2,260.

To be carried out by the Public Works Department, Western Delta Division.

2. This sanction has been registered as No. 109 I of 1877-78.

(True Extract)

C. Mullins
R. Mullins

Colonel, 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.
" Board of Revenue.
" Revenue Department.

Exd. E. C. Shunker.

14 Spare Copies

Revenue Department

No 3596

IRRIGATION
ACCOUNT

✓

Govt. of 1877: Madras.

PUBLIC WORKS.

To,

The SUPERINTENDING ENGINEER,
GODAVERY.

&c., &c., &c.

Dated July 31st.

Issued

Recd.

8 Aug 77

Encl.

G. O., 31st July 1877, No. 202 L.

JULY.

Nos. 143-144.

Pedda Amiram Channel, Undi Canal,
Godavery District.—Sanctions estimate of
Rupees 2,260 for the

Comm. to the
Board of Revenue
9 Aug 77

620: 42 of Government 10-8-77

No 4434

W. C.