

(1) Number of pages 4
(2) Date of repair 23.6.86
(3) Initials of the Referencer lous

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No.	3781	Press.
B.P. No.		Mis.
Dated	5 7/8 77	197

PA

Not to be folded or roughly handled

3281

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

22nd June 1877, No. 95 I.

Irrigation.

Account.

Read the following paper :—

No. 49 I.

No. 81. *Note by the Chief Engineer for Irrigation.*

THE Superintending Engineer, Godavery, has, with reference to G.O., No. 2,840, of the 24th October 1876, submitted a revised estimate, amounting to Rupees 59,150, for the Polaveram Island embankments. The amount of the estimate sanctioned in G.O., No. 477, of the 25th February 1874 was Rupees 62,000.

2. The designs for sluices are not entirely satisfactory :

1st.—The shutters cannot be worked without—

- (a) a platform for the men to stand on, and this platform should be a foot wide as a minimum, outside the line of the shutter groove.
- (b) a bar of some sort to carry the pin passed through the hole in the shutter spear to regulate the level of the shutter.

As a consequence the piers must be prolonged to one foot beyond the groove and the wings must be carried out level for an equal distance to carry a beam.

2nd.—The shutter groove should be flush with the face of the front beamstone at its lower part, and should be a couple of inches or so clear (in front) of the face wall.

3rd.—The wing walls should not be one foot or more above the slopes of the embankment, but should be flush therewith to ground-level or to, say, 9 inches above intended full supply level and should then have returns equal to $1\frac{1}{2}$ times the height of the ends. Had Circular No. 77 been attended to some of the defects here pointed out would have been avoided.

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

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

No. 82. *ORDER THEREON, 22nd June 1877, No. 95 I.*

THE revised estimate of Rupees 59,150 for the Polaveram Island embankments, in supersession of the estimate sanctioned in G.O., 15th February 1874, No. 477, is sanctioned as follows :—

ORDINARY AGRICULTURAL.

RIVER EMBANKMENTS.

Original Works.

Polaveram Island embankments	...	59,150
Under execution by the Public Works Department.		

2. This sanction has been registered as No. 69 I of 1877-78.

(True Extract.)

W. L. L. L.

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.
" Revenue Department. ✓

Exd. T. O'Connor.

Spare Copies

Revenue Department

No 3141

IRRIGATION
ACCOUNT

Govt. of 1877 Madras

PUBLIC WORKS.

To

THE SUPERINTENDING ENGINEER,

GODAVERY.

&c., &c., &c.

Dated June 22nd.

Issued

Recd. 4 July

Encl.

G. O., 22nd June 1877, No. 95 L.

JUNE

Nos. 81-82.

No 3781

Comm'd to the
Board of Revenue

5th July 77

Palacuram Taluk - Irbunimants, Godavery
District. - The needed estimate of Rs. 59,100
for the same, sanctioned.

820 # 419 g Revenue 2-7-77.