

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
Under execution by the Public Works Department.

RS.

59,150

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

(True Extract.)

(Signed) JOHN MULLINS, Lt.-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. O'Connor.

Spare Copies

IRRIGATION.
ACCOUNT.

Gobt. of 1877 Madras
PUBLIC WORKS.

To

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

Dated June 22nd.

Issued

Recd.

Encl.

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

JUNE.

Nos. 81-82.

Polavaram Island Embankments, Godavery
District.—The revised estimate of Rs. 59,150
for the —, sanctioned.

No. 1075 *Q.R.*

FROM,

THE SUPERINTENDING ENGINEER

FIRST CIRCLE.

TO,

THE CHIEF ENGINEER

P. W. Department
FOR IRRIGATION.

Camp Samulcotta Canal, 9th July 1883
DOWLAISHWERAM,

SIR,

I have the honor to bring the fol-
lowing facts to your notice for orders.

2. The "Day book" for September 1877
for "Protective works round the Polaram
Island" Rs. 59,150—(G.O. No. 95 L. 22-6-77) signed
by Mr. I. W. Ellis then in charge of the
Godavari Central Delta Division shows
as "Materials at site" Bricks 25,000, Rs. 125-4-6.

3. There was no expenditure on the
work in the following 4 months & therefore
no "Day books", the next one being for Febru-
ary 1878, also signed by Mr. Ellis & in this
no "materials at site" were shown, nor
was it shown that those in the previous
day book had been used, and in the day
book of the following month (March 1878)
also no "materials at site" were shown and
the consequence was that as the work then
stopped altogether till October 1882 the ex-
istence of the materials mentioned in Para
1 was lost sight of—though in the work re-
gister they remained unwritten off—

Enclosures—3
3 Day books—

* Herewith

* there was
a recovery of
Rs. 2 in Oct 77.

* herewith—

* herewith

4. When Mr. Ellis (who was then the Sub-Divisional Officer) handed over to Mr. O'Connell on 3-12-80. No mention of the materials in question was made in the statement of "materials at site" handed or taken over.

5. When the Central Delta was again converted into a separate Division & taken charge of by Captain Dorrward R.E. the materials in question having been lost sight of were not shown in the transfer statement.

6. When the work however recommenced it was found that they still stood in the work Register & every effort has been made to find them or to trace what became of them but without success.

7. It seems not at all improbable that they were used on culverts constructed on the Yedurlanka Road which runs through the Polaram Island & which of course used to be under this Department, for it has been clearly traced that bricks prepared at the same places for the "Sluices in the Polaram Island" Rs. 16,530 (G.O. No. 958 of 22-6-77) were so used & for them a recovery has been made from Local Funds - In

paying for these latter bricks, the use of which was clearly traceable, the Local Funds stated that the payment was made on the distinct understanding that no more such claims should be preferred & it is not likely they will now pay for the bricks

the Central Delta was made a Sub-Division of the Eastern Delta on 1-1-79.

* 1 Sluice at Yellakodu
" 2-80- at Ojannakodu
" 3-80- at Near Yedukulam
" 4-80- at Thirupayicalva
" 5-80- at Adinthalma
" 6-80- at Seripampucal
" 7-80- at Kolivendikulam
" 8-80- at Grammed calu
near Kesanakur
" 9-80- at Mottalavalai
" 10-80- at Mottalavalai

In Decr 1882

which this letter is about, on the mere assumption on our part without any proof that they were used for Local Fund works.

8. There therefore remain it appears to me only two courses open for clearing off these "materials at site"; the first is to write them off to "profit & loss" or to the "Contingencies of the estimate" - the other is to recover their value from Mr. Ellis, who is doubtless really responsible for their not being shown in the Day book for February 1878 - & not being entered in the statement when he handed over to Mr. O'Connell. I recommend the adoption of the former course.

I have the honor to be,

Sir,

your most obedient Servant

C. S. Swales

Offg. Supd. Engr. 1st Circle.

Compd. H.

a 95 I 22.6.77

I.W.C.N. 62.06

To S.S.V

From

The Sup of Engineer

1st Circle
No 2109 Wd 1-8-83

To

The Chief Engineer
P.W. Department

Dated 9th

Despd 16th

Recd 23

July/83

No 1075 Rm

Enclosure 3/9

Polavaram Island
Embankment - Ma-
terials missing at
the Site of - Requests
Sanction to write off
the - for the reasons
stated within.

With order.
Encl. in Receipt Rep

Please call upon
my Elton to know cause
why the value of the
materials should not
be written off from
him.

Am

I think the materials had
better be written off to the
estimate sub head to which
they were prepared - not to
"profit & loss" and to "contingent".

Cd

No 2109 Wd 1st August 83

Under the circum-
stances stated the ma-
terials may be written
off to the estimate sub-
head for which they
were prepared.

Cd.

10/7

28/7 Att
S.E. First Circle
S.S. First Circle
Encl. 19
Encl. 14
Encl. 10
27/7/83