M.R.O. 1—10,006—28-2-50

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public works. DEPARTMENT

G.O. No.	3246	Press
~~B.P. No.~~ 277-278. 279		~~Mis.~~
Dated	17-11-1874	~~195~~ .

Not to be folded or roughly handled

Read the following papers :—

No. 277. From Major J. BEATTY, R.E., District Engineer, Godavery, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, dated Dowlaishweram, 6th October 1874, No. 2,135.

I HAVE the honor to forward herewith, for your approval, a plan and estimate for new shutters and screw gearing for the Vatlapalem calingulah, which is situated in the 28th mile of the Samulcottah canal.

2 Plans.
1 Abstract Estimate.
1 Specification.

2. The calingulah now consists of six bays of 4½ feet each; it is proposed to take away the cast iron posts, making the bays the full size of the arches, and thus reduce the number to 3 of 9 feet span each.

3. This alteration was ordered in paragraph 24 of your notes printed with G. O., No. 1,077 of 18th April 1871; I send you the estimate* as it is over 750 Rupees.

* Rupees 900.

4. The cost of the work is considered to be fairly debitable to the sundries of the Biccavole drain.

No. 860.

No. 278. *Note by the Chief Engineer for Irrigation.*

THE provision of improved means of regulation at the Vatlapalem surplus sluices, in the 28th mile of the Samulcottah canal, was observed to be necessary more than three years ago.

Procs. of the Madras Govt., No. 1,077, 18th April 1871, memorandum paragraph 24.

2. The water apparently is discharged into, or carried off by, the Biccavole drain, but the improvement is required for the regulation of the water level of the Samulcottah canal, and it should be carried out as a Minor New Work chargeable to Revenue.

3. The proposed arrangements generally are approved, but the existing piers are thin, and it is thought that it will be desirable to remove the present left parapet wall near the piers and abutments and bond in the new work therewith, otherwise the vibration caused by working the shutters will be likely to damage the new masonry. The holding down plates should be placed at 4½ instead of 3 feet below the beams. The estimate to provide for these modifications may be raised to Rupees 920.

CAMP, NALLANTHALA, 23*rd October* 1874. (Signed) JOHN MULLINS, Lieut.-Colonel, R.E., *Chief Engineer for Irrigation.*

Proceedings of the Madras Government, Public Works Department,
17th November 1874.

No. 279. ORDER THEREON, 17th November 1874, No. 3,246.

IRRIGATION, No. 27.

THE estimate of Rupees 920 for providing efficient means of regulation at the Vatlapalem surplus sluices in the 28th mile of the Samulcottah canal is sanctioned as a Minor New Work chargeable to Revenue, and that sum is allotted from the Minor New Works grant at the disposal of Government.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the District Engineer, Godavery.
" Chief Engineer for Irrigation.
" Officiating Controller of Public Works Accounts.

Exd. S. T. Austin.
Spare Copies

ABSTRACT ESTIMATE No. ... OF 1874-75

GODAVERY EASTERN DELTA

WORK *Fitting new shutters to Vatlapalem surplus sluices with screw gearing.*

Quantity.	Description of Work.	Rate.	Amount.	Total.
1	2	3	4	5
5 1/27	C. yds. Rough stone in chunam C.yd.	3 10 "	18 4 2	
30	S. yds. Dressing ——— S. yd.	" 8 "	15 " "	
1/2	C. yds. Cyclopean stone in chunam	12 " "	6 " "	39 4 2
11-2-2	C. ft. Teak wood wrought and put up ——— C ft.	2 8 "	27 15 9	
386 3/4	lbs Wrought iron ——— lbs	" 2 6	60 6 10	
170	" ——— " ——— "	" 5 "	53 2 "	
550	" cast iron ——— Lbs	180 " "	44 3 1	
30	" cast brass ——— lbs	1 " "	30 " "	
			215 11 8	
	Centage ——— per cent	20 " "	43 4 4	
	For one shutter		259 " "	
	For 3 shutters ———		~~780~~ 777 " "	
			~~816 4 2~~ 819 4 3	
	Contingencies ———		~~83 11 10~~ 80 11 9	
	Total Rupees ———		900 0 0	

No. 1 Range Office
Devalaiswaram
23d. September 1874

R. R. Wombwell Captain R.E.
Executive Engineer No. 1 Range

Exd.
B. H.

R. Beatty Major R.E.
District Engineer Godavery

District Engineer's Office Godave

№ 2135 Samalcheruvu 6 October 1874

From,

Major J. Beatty R.E.
District Engineer Godavery.

To,

Lieutenant Colonel A. Mullins R.E
Chief Engineer for Irrigation.
Madras.

Sir,

I have the honor to forward here-
-with for your approval a plan and es-
-timate for new shutters and screw gear-
-ing for the Vattlapalem Calingulah, which
is situated in the 28 mile of the Samul-
-cotta Canal.

2. The Calingulah now consists of 6 bays of 4½ feet each; it is proposed to take away the cast iron posts, lengthening the bays the full size of the arches, and thus re-
-duce the number to 3 of 9 feet span each.

3. This alteration was ordered in para 24 of your Notes printed with G.O. + № 1077 of 18 April 1871. I send you the estimate

From

The Officer In charge No. I o
Eastern Delta Range
Godavery District

To

The District Engineer Godavery
Dowlaishwarum,

CE 1/1905/74

Dated 23d Sept.
Despatched
Received
1874.

PW 6885/74

2 Drgs

Estimate for Fitting new
Shutters to Vattapale
Calingulah with
Screw gearing
amounting to
Rupees 900-0-0

PG. PW 17 Nov 74
Dr VS № 278

Note by the Chief Engineer for Irrigation

Enclosures

The provision of improved means of regulation at the Vattlapalem surplus sluices, in the 28 mile of the Samulcottah Canal, was observed to be necessary more than 3 years ago

P.W. Gde 1077- 18 April 1871 memo para

2. The water apparently is discharged into or carried off by the Biccavole drain, but the improvement is required for the regulation of the water level of the Samulcottah Canal, and it should be carried out as a minor new work chargeable to Revenue.

2. The proposed arrangements generally are approved, but the existing piers are thin, and it is thought that it will be desirable to remove the present left parapet wall near the piers and abutments and bond in the new work therewith, otherwise the vibration caused by

Bridges
P.W. Dn 3 Nos 1/74
Rs 2/1905 to 6.
Reconstruction of the Collaroon Bridge.
Proposed Vattlapalem
Cathegudem via the
Cauleru Delta

by working the shutters will be likely to damage the new masonry - The holding down plates should be placed at 4½ instead of 3 feet below the beams - The estimate, to provide for these modifications, may be raised to Rupees 920

Camp at Vallanthala
23rd October 1874.

Lt Holls.
Chief Engineer for Irrigation

To
The Secretary to Govt PWD

P.W.D.

Proceedings of the Madras Government.
Read the following -

Note by the Chief Engr:
for Irrign. — No. 860 of 23rd Octr/74.

3246
The estimate of Rupees 9.20 for providing efficient means of regulation at the Vattlapalem surplus sluices in the 28th mile of the Samulcottah Canal is sanctioned, as a minor new work chargeable to Revenue, and that sum is allotted from the minor new works grant at the disposal of

P.W. Works 1874 - Department
Proceedings for Nov.
No. 860
From No. 6885
The Chief Engineer for Irrigation
To
The Secretary to Government
P.W.D.
Dated 23rd October
Received 3 November 1874

Enclosures-5
2 Plans &c

Note on the Estimate Rs. 920 for fitting screw gearing to the Vattlapalem Surplus sluices on the 28th mile of Samulcotah Canal Godavery Distt.
E.O. Nos: 3246. 17-11-74.

No 278

Despd 6 Coy 3rd hour/74

of Government

Ly. 24/1/74

Copy

To
The D.C. Godavery
— Chf Engr for Info
— Controller Accts
C. Cashier despd 21/1/74.

277-279.

RD 7/4/74

6885

Govt. of Madras.

PUBLIC WORKS.

To

The Dist. Supt.
Godaveri

Dated

Recd. Encl. 5

G. O. 17 Nov. 1874, No. 3244

Nos. 27-28

Vatlapalem surplus
sluices - Godaveri Dt

Estimate of Rs 920 for
providing efficient means
of regulation at the ——
in the 28th mile of the
Samalcottah Canal,
sanctioned & the amount
allotted from the Minor
New Works grant at the
disposal of Collr