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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue

DEPARTMENT

G.O. No.	129	Press.
B.P. No:		Mis.
Dated	14.1.1978	197 .

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

22nd December 1877, No. 632 I.

Irrigation.

Account.

Read the following papers:—

No. 79. From Major J. O. HASTED, R.E., Superintending Engineer, 1st Division, Kistna, to the Chief Engineer for Irrigation, dated Masulipatam, 21st November 1877, No. 2-155.

WITH reference to your memorandum No. 79 K.S., dated 10th instant, I have the honor to forward herewith revised plan and estimates of the Komatigunta weir for sanction.

One Plan of Calingulah.

„ do. of Shutter.

„ do. of Site.

„ Detailed and Abstract Estimate with S. Report.

2. The crest of the drop wall has been lowered by 6 inches to provide the proper discharge.

No. 270 I.

No. 79-A.

Note by the Chief Engineer for Irrigation.

In the estimate for Ryves Canal, sanctioned in G.O., No. 2,543, of the 20th August 1867, Rupees 2,970 were provided for altering a weir across the canal at the head of the Gudivada branch channel, but this weir having but 21 feet of crest was found to be incapable of passing the required discharge of nearly 1,200 cubic feet a second, and in December 1875 the Superintending Engineer transmitted a design

No. 114, dated 24th December 1875.

and estimate of Rupees 6,800 for a weir of 48 feet crest. This appeared to be of greater capacity than was necessary for required discharge of 1,140 cubic feet a second, the actual discharge being only 1,598-52 cubic feet. The Superintending Engineer was accordingly

* No. 158, dated 5th February 1876.

† With Superintending Engineer's No. 185, dated 15th March 1877.

that the original calculation of discharge length based thereupon was a mistake.

2. In the meantime the work had been carried out on the revised design and the Superintending Engineer would under the circumstances have sanctioned the design and estimate, the latter amounting to Rupees 6,120, involving an excess of Rupees 3,150.

3. In G.O., 14th January 1876, Nos. 158 and 185 were shown to amount to Rs. 22,370

adding the excess on the weir

the total become

Rs. 22,370
3,150

25,520

which is still but little more than half the anticipated saving* on earthworks, but as the canal in its unfinished state has, to meet the requirements of the irrigation

during the recent scarcity when it was great, been used in its incomplete state to convey water, it is desirable that immediately after its closure in 1878, a further report should be made to the date. Silt clearances required in consequence of using the canal are chargeable to Revenue, Maintenance and Repairs.

4. The classification is—

(2) Main Canals and

E. Falls and Weirs

(not D Regu shown on the Plan and Estimate).

CAMP, MASULIPATAM,
10th December 1877.

JOHN MULLINS, Colonel, R.E.,
Chief Engineer for Irrigation.

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

No. 80. ORDER THEREON, 22nd December 1877, No. 632 I.

THE estimate of Rupees 6,120 for constructing a new weir on Ryves Canal near Komatigunta is sanctioned in lieu of the provision of Rupees 2,970 for altering an old weir, the size of which was inadequate to pass the discharge required.

2. It is reported that the saving on earthworks of the canal will more than suffice to cover this as well as the previous excesses recorded in G.O., No. 79, of the 14th January 1876; the Superintending Engineer will however report as soon as possible what the

(1) quantity of earthwork done and its cost have been;

(2) quantity of work to be done and its cost will be;

(3) what the saving as now estimated amounts to.

3. It is noticed that very unnecessary delay has occurred in the submission of the revised design and estimate, and that an early application for sanction was the more necessary when it was found requisite to commence the work in anticipation of such sanction.

4. Ordered that a copy of these proceedings be forwarded for the information of the Government of India.

5. This sanction has been registered No. 302 of 1877-78.

(act.)

Major, R.E.,
Under Secy. to Govt., P.W.D.,
Irrigation Branch.

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

Ed. S. M. Austin.

Revenue 1878. Sept
No 156.

IRRIGATION.
ACCOUNT.

Govt. of 1877 Madras.

PUBLIC WORKS.

To

THE SUPERINTENDING ENGINEER,

KISTNA,

&c., &c., &c.

Dated December 22nd.

Issued

Recd. Jan. 12th

Encl.

G. O., 22nd December 1877, No. 632 L

DECEMBER.

Nos. 79-80.

Des. 10ms

14.129
Communicated
to the Board of Revenue

14. Jan. 78 J. M.

Ryres Canal near Komabigunta, Kistna

Sanctions with remarks

constructing a new

to Ld. Board of Revenue 15