

(1) Number of pages 6

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No.	232	Press
		~~Mis.~~
Dated	24 - 1 - 18 77.	

Not to be folded or roughly handled

Read the following papers :—

No. 450. From Major J. O. HASTED, R.E., Superintending Engineer, Kistna, to Lieutenant-Colonel J. MULLINS R.E., Chief Engineer for Irrigation, dated Masulipatam, 30th December 1876, No. 129.

I HAVE the honor to submit herewith a revised estimate* and comparative statement for constructing surplus weir† in Nizamapatam canal above Nallavada lock, and to request sanction to the same.

* Amounting to Rupees 1,580.

† Already completed nearly.

2. The original estimate, amounting to Rupees 1,080, was sanctioned in G.O., No. 1,651, dated 19th June 1874, and funds were allotted from Minor New Works.

3. The principal items of excess are concrete, excavation and baling; the accompanying plan shows the additions that the officer then in charge of the range, Mr. Norris, considered it necessary to make, in consequence of the nature of the soil, and the baling is accounted for by bad weather and the necessity for letting water into canal before the foundations could be completed. The rate of cut-stone work allowed in the estimate was too little considering that the stone has to be brought 38 miles, and should have been corrected in the original estimate.

No. 53 W.

No. 450-A. *Note by the Chief Engineer for Irrigation.*

THE part of the excess due to extra depth of foundations and baling is satisfactorily accounted for, but the undersigned is of opinion that Rupees 8 is a sufficient rate for cut-stone work where Rupees 4½ suffice for rough stone masonry. The Kistna rates compare in this respect unfavorably with those of the Godavery, in which latter district the stone is, if anything, less favorable for dressed work. The revised estimate may be sanctioned.

FORT ST. GEORGE,
20th January 1877.

(Signed) JOHN MULLINS, Lt.-Col., R.E.,
Chief Engineer for Irrigation.

To the Secretary to Government, Public Works Department.

No. 451. ORDER THEREON, 24th January 1877, No. 232.

IRRIGATION, No. 48.
Account.

THE revised estimate for the surplus weir near Nullavada lock on the Nizamapatam Canal is sanctioned as follows :—

KISTNA DELTA SYSTEM.

REVENUE.

Extensions and Improvements.

(2) Main Canals and Branches.

Western Delta Section, Nizamapatam Canal.

H.—Escapes.

Surplus weir near Nallavada Lock.

Amount of Estimate... .. Rupees 1,580.

To be executed by the Public Works Department.

Proceedings of the Madras Government, Public Works Department,
24th January 1877. No. 232.

2. This sanction has been registered as 283—I. of 1876-77.
(True Extract.)

Major-General, R.E.,
Secretary to Government.

Form No. 18.

OFFICE OF CHIEF ENGINEER FOR IRRIGATION,

Fort St. George, 20 January 1877.

N^o 58 W.

Note by the Chief Engineer for Irrigation.

celr. 7.

The part of the excess due to extra depth of foundations and baling is satisfactorily accounted for, but the undersigned is of opinion that Rupees 8 is a sufficient rate for cut stone work where Rupees 4½ suffice for rough stone masonry. The Kistna rates compare in this respect unfavourably with those of the Godavary in which latter District the stone is, if any thing, less favourable for dressed work. The revised estimate may be sanctioned.

W. H. L. L.

Lieut. Col. R. E.

Chief Engineer for Irrigation

To
The Secretary to Government P. W. D.

9818-6-34 & 1657.

Form No. 18.

P.W.D.

22 JAN 77

No. 621

From

The Chief Engineer for Irrigation,

To

The Secretary to Government,

Public Works Department.

Dated 20th Jan. }
Despatched 22nd } 1877.
Received

ENCLOSURES 7

No. 58-W.

Subject.

Nizamapatam Canal - Surplus
Weir on the — Kistna District -
have recommending for sanction
revised estimate for Rs. 1580 for
the — near Nullavada lock.

N. 2000
Cir 23-1-77 Rtd-23-1-77

No 252

Public Works Department.

PROCEEDINGS of the MADRAS GOVERNMENT.

UNDER date the 24 Jan 77

Read the following:—

to Mr. for Mr. (H. E. No 58 W 7 20 Jan 77)

Original sanction in S.O.

No. 1657 dated 19 June 1874.

Refers 1080.

The revised estimate for
the surplus weir near
Nullavada lock on the
Nizamapatam Canal is
sanctioned as follows.

Kistna Delta System
Revenue

Extensions and Improvements.

(2) Main Canals and Branches
Western Delta Section
Nizamapatam Canal.

H. - Escapes -

Surplus weir near Nalla-
vada lock.

Amount of Estimate Rs. 1580.

To be executed by the P.W.D.

This

121

This sanction has been
registered as 283. I of 1876-77

Govt. of 1877 Madras.

PUBLIC WORKS.

By. 22/1

To The Superintendent Kistna

Dated

Issued

Recd.

Encl.

G. O. 21st Jan 1877, No. 282

Nos. 450

[Faint, mostly illegible handwritten text in the left margin, possibly bleed-through from the reverse side.]

Nizampatam Canal,
Kistna Dt. The raised
estimate of Rs 1500 for the
duplex weir near Kulla-
vada lock in the —
sanctioned

Dated - 31-1-77

S. S. Kistna
Collector of Kistna
Chf. Secy. (S. S. Kistna)
Dist. B. Accts.
Revenue Dept.