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MADRAS RECORD OFFICE

GOVERNMENT OF MADRAS

Revenue DEPARTMENT

G.O. No.
B.P. No.

2107

~~Press~~
Mis.

Dated

9-10-1875 196—.

Not to be folded or roughly handled

I

*Proceedings of the Madras Government, Public Works Department,
20th September 1875.*

Read the following —

No. 443.

No. 447. *Note by the Chief Engineer for Irrigation.*

IN June last the District Engineer, South Arcot, transmitted a design and estimate for a head sluice for the Reddy channel which is supplied by the Pooniar. The design required reconsideration and revision, and a revised plan and estimate have now been prepared. The arrangements for working the sluice shutters need improvement, and what is necessary has been noted on the plan. The remark on the width of roadway allowed should also be attended to. The cross stones in front of the shutter being useless should be omitted. In the specification it is mentioned that the flooring is throughout to be of rough stone-in-chunam, &c. It is not so shown on the section on A. B. at the vents, and, this being the part most liable to wear and tear, well fitted stone is necessary. Mortar composed of shell lime and sand is entirely unfitted for hydraulic works. Burnt clay must be used for all such works if the lime be not hydraulic. The concrete if prepared as specified will for the same reason be unreliable. If the plastering of the brickwork be really indispensable, it must be specified that the work will be inspected when the plastering is commenced, and that the joints of the brick-work must be examined before any plaster is laid on. This is essential is but seldom attended to.

2. Probably the estimate amount alterations required, and the construction

sufficient to build the sluice with the sluice may therefore be sanctioned.

OOTACAMUND,
7th September 1875.

(Signed) J.

MULLINS, Lieut.-Colonel, R.E.,
Chief Engineer for Irrigation.

No. 448. ORDER THEREON, 20th September 1875, No. 2,706.

IRRIGATION, No. 42.

Account.

THE estimate of Rupees 1,160 for constructing a head sluice to the Reddy channel from the Pooniar in South Arcot is sanctioned, and will be carried out from the Minor New Works grant under Agricultural as a Capital charge.

2. The remarks in the foregoing Note should receive attention from the District Engineer.

(True Extract.)

(Signed) G. W. WALKER, Major-General, R.E.,

Secretary to Government.

To the District Engineer, South Arcot.
" Chief Engineer for Irrigation.
" Controller of Public Works Accounts.
" Collector of South Arcot.
" Revenue Department.

Exd. W. J. Lewis.

4 Spare Copies will follow

(One Copy)
G. W. Walker Major-General R.E.
Secretary to Government - G.W.

*Ans: 1575-246
N. 3879*

Govt of 1875 Madras.

PUBLIC WORKS.

To

THE DISTRICT ENGINEER,

SOUTH ARCOT,

&c., &c., &c.

Dated September 20th.

Issued

Recd.

Oct 7th

Encl.

G. O., 20th September 1875, No. 2706.

As per

SEPTEMBER.

Nos. 447-448

Head Sluice to the Reddy Channel from the
Pooniar in South Arcot.—The estimate of
Rupees 1,160 for constructing a —, sanc-
tioned with remarks.

N^o 2107

*Comm. to the
Board of Revenue*

9 Oct 75

Ln

1. Loh. O. Board of Revenue, 15 Oct.