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1875
Gt. of 1875 Madras.
PUBLIC WORKS.

27/9/75
J. R. Roper
J. Arcot

Date

Issue

Recd.

Encl.

G. O. 20 Sept 1875 No. 270

47-448

Head Office to the Reddy
Channel from the Ponnai
in South Arcot. The estimate
of Rs 1160 for constructing
a — sanctioned on the
remarks

17
Proceedings of the Madras Government, Public Works Department,
20th September 1875.

Read the following :—
No. 1,043.

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

In June last the District Engineer, South Arcot, transmitted a design and estimate

No. 74, 23rd June Rs. 1,530 for a head sluice for the Reddy channel
which is supplied by the Pooniar. The
No. 121, 31st August Rs. 1,160 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 brick-work be really indispensable, it must be specified that the work will be inspected before the plastering is commenced, and that the joints of the brick-work must be raked out before any plaster is laid on. This essential is but seldom attended to.

2. Probably the estimate amount will be sufficient to build the sluice with the alterations required, and the construction of the sluice may therefore be sanctioned.

OOTACAMUND, (Signed) JOHN MULLINS, Lieut.-Colonel, R.E.,
7th September 1875. *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.

„ Rev. Sept
„ Collector, South Arcot

Exd. W. J. Lewis.

Spare Copies

Note by the Chief Engineer for Irrigation.
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Columboides *Leach, 1844.*

Chief Engineer for Irrigation.

To the Secretary of War

A.H.C.

P. W. 1895 Sept.
No: 6078

From

The Chief Engr. for
Irrigation

20 Sept.
No. 22 in 1895.

E. 5 No: 1043

Note on the revised
design for the Reddy
Channel sluice -
S. West Dist.

Sb. 2706. 20-9-75.

No 2706
Pro: of the Madras Government.
Under date the 20 Sept 75
Read the following:
From the Ch. Engr. for Irriga (H. E. No 1043 of 7th Sept 75)

The estimate of Rs 1160 for constructing a head sluice to the Reddy Channel from the Ponnai in South Arcot is sanctioned, and will be carried out from the Minor New Works grant under Agricultural as a Capital charge.

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Rev. Dept 1
Of South Arcot 5
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Cont. 6 Encls 2 with 1 H.E. 17
SC 2072 9-10-75

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Act. of 1875 Madras.
PUBLIC WORKS.

Date

Issue

Recd.

Encl.

G. O. 20 Sept. No. 2708

447-448

Head Office to the Reddy
Channel from the Ponnai
in South Arcot. The estimate
of Rs 1160 for constructing
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