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MADRAS RECORD OFFICE.**Government of Madras.***Public Works* **DEPARTMENT.**G.O. No. 170 (2) Press
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Proceedings of the Madras Government, Public Works Department,
19th January 1877. No. 170.

Read the following:—

No. 45 W.

No. 331. *Note by the Chief Engineer for Irrigation.*

THE District Engineer, South Arcot, forwards, with his letter marginally noted, an estimate in connection with the Thiroo-kommedoo large and Kadapady tanks situated in the Villapuram Taluq, Cuddalore Range.

2. The nature of the work proposed for execution and the heads of account to which it is chargeable are as follow:—

ORDINARY AGRICULTURAL

IRRIGATION.						RS.
<i>Original Works.</i>						
Constructing a masonry weir	...	...	...	...	...	155
<i>Repairs.</i>						
Repairing two bunds	...	...	...	...	...	950
Reconstructing two Irrigation sluices	...	...	...	...	...	490
Total ...						1,595

3. The following particulars of this tank are recorded:—

Ayacut area	...	...	...	...	...	Acres 113
Assessment	...	...	...	...	...	Rupees 566
Average revenue	...	...	...	...	...	" 798
Highest do.	...	...	...	...	...	Not stated.
Expenditure during the previous four years	...	...	...	...	...	Nil.

The area of the catchment basin is 2 square miles; the maximum flood supply is calculated at 893 cubic feet per second, for discharging which as surplus there is a rough stone escape 24 feet in length, and a bywash 12 feet wide at the eastern end of the large tank (which supplies three low-lying tanks). The former or rough stone escape is not only out of order but inadequate to discharge the surplus. It is therefore proposed to construct a masonry weir 62 feet in length for the large tank; no outlet is necessary for the Kadapady tank as it is connected with the large tank. These two tanks are virtually one, as the head which divides the basin does not extend as it seems beyond F.T.L. The division was made for the purpose of retaining the water in the Kadapady tank, the bed of which is of a higher level than that of the large tank. The bunds of the two tanks are in a weak condition not having been repaired for some years past, and the two Irrigation sluices are in ruins.

The estimate provides for raising and repairing the bunds, reconstructing the two Irrigation sluices, and constructing a masonry weir.

The units of measurement used in the estimate are variable and in some cases inconvenient for comparison with other schedules. Concrete is entered at per 100 cubic yards and rough stone in chunam; the same brick work and archwork at per 100 cubic feet. This last unit should be generally used.

ms/w 31-1-77

PUBLIC WORKS.

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G. O., 195 Jay. 1877, No. 170

Nos. 331 + 332 -

Trivoshommedo Large
and Kadappad Lake
South Ceylon. Brit —

Exhibit of Rs 1595 for
repairs to the —
sanctioned 8/

Ent. in Reg.