

(1) Number of pages 4
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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No.	921	Press
B.P. No.		Mis.
Dated	22. 4-1876	197

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*Proceedings of the Madras Government, Public Works Department,
31st March 1876.*

Read the following :—

No. 20 W.

No. 530.

Note by the Chief Engineer for Irrigation.

THE Officiating District Engineer, Bellary, forwards, with his letter marginally noted, an estimate in connection with the Condoor tank situated in the Hindoopoor taluq, Pencondah range.

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

Constructing an Irrigation sluice in the Condoor tank bund.	rs.
Capital Ordinary—Original Works	1,070
Total..	1,070

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

Ayaout area	Acres 169
Assessment	Rupees 1,013
Average revenue	„ 1,025
Highest „	„ 1,445
Expenditure during the previous four years	Not known.

The area of the catchment basin is 5 square miles; the maximum flood supply is calculated at 1,971 cubic feet per second for discharging which, as surplus there is a calingulah 170 feet in length which is sufficient. This tank has two sluices, one of them is reported to be in a dilapidated condition. The estimate provides for constructing an irrigation sluice.

4. It is observed that on the plan the materials used are stated to be stone in chunam, but the specification and the abstract estimate provide for brick in chunam in foundation, and superstructure with 'burnt' stone casing. The cost of the brick work is Annas 3 per cubic foot, the stone masonry Annas 2-6 per cubic foot. It should be explained why the whole work is not to be built of stone, which is a more suitable material, and the plan should show the casing as now proposed. Provision is made in the specification for a deeper foundation if the soil is found to require it. The foundation as shown on the plan is exceptionally shallow, and it would be better to allow for 9 inches extra of concrete which, of course, if very hard compact stony gravel is met with, can be omitted. The position of the vents in the well of the sluice should be shown. As grooves are drawn in the longitudinal section, it is presumed that there are side vents to which the water is sometimes to be diverted, but the earth slope of the road would close them. The connection of the sluice with the irrigation channels should be worked out and shown on the plan, as waste of water is the consequence of makeshift arrangements.

5. As the work is emergent, the estimate is recommended for sanction, the details being subject to such modification as a consideration of the points above noted may show to be necessary.

(Signed) A. DE C. SCOTT, Major, R.E.,
Deputy Chief Engineer for Irrigation,
for Chief Engineer for Irrigation.

24th March 1876.

*Proceedings of the Madras Government, Public Works Department,
31st March 1876.*

No. 531. ORDER THEREON, 31st March 1876, No. 827.

IRRIGATION, No. 53.
Account.

THE following estimate from the
Peneondah range, forwarded by the
Officiating District Engineer, Bellary, is
sanctioned:—

CONSTRUCTING AN IRRIGATION SLUICE IN THE CONDOOR TANK BUND.

Irrigation.

Capital, Ordinary—Original Work	Rs. 1,070
Total... ..	1,070

2. This sanction has been registered as Irrigation No. 71 I. of 1875-76.
3. The District Engineer will furnish the Chief Engineer for Irrigation with the explanations called for.

(True Extract.)


Colonel,
Offg. Under Secy. to Govt., P.W.D.

To the District Engineer, Bellary.
" Collector of do.
" Chief Engineer for Irrigation.
" Examiner of Public Works Accounts.
" Revenue Department.

Exd. E. C. Shunker.

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Rev: 1876: Dept
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Govt. of 1876 Madras.

PUBLIC WORKS.

To

THE DISTRICT ENGINEER,
BELLARY,
&c., &c., &c.

Dated March 31st.

Issued

Recd. April 19th Encl.
Recd April 21st

G. O., 31st March 1876, No. 827.

MARCH.

Nos. 530-531

Dis. 1876

Sluice in the Condoor Tank bund, Bellary
District.—Estimate of Rupees 1,070 for
constructing a —, sanctioned.

No 921
Comm^d to the
Board of Revenue
22 April 1876

10 To the District Engineer, Bellary, 27 April