

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	827	(J)	Press
B.P. No.			Mis.
Dated	3/3		1876

Not to be folded or roughly handled

1-

*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:—

Ayacut 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 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 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. DEC. SCOTT, Major, R.E.,
Depy. 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
Poncondah 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.

Gobt. of {1876} Madras.
PUBLIC WORKS.

To

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

Dated March 31st.

Issued

Recd.

Encl.

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

MARCH

Nos. 530-531

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

I. Form No. 9.

OFFICE OF THE CHIEF ENGINEER
FOR IRRIGATION, 24th March 1876.

No. 20 W

Note by Chief Engineer for Irrigation.

THE Offg. District Engineer, Bellary

forwards, with his letter marginally noted, an Estimate in connection

No. 2987
dated 2nd March 1876 with the Gondoor Tank situated in the
Hindoor Taluq, Cincondah Range.

Encls. 4. 2. The nature of the work proposed for execution and the heads of account to which it is chargeable are as follows:—

Constructing an Irrigation sluice
in the Gondoor Tank bund.
Capital Ordinary—Original Work 1070
Rupees—1070.

3. The following particulars of this Tank are recorded—

Ayacut area. 169 Acres

Assessment. 1018 Rupees.

Average revenue. 1025 Rupees.

Highest do. 1445 Rupees.

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 1971 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 delapidated condition. The estimate provides for constructing an irrigation sluice.

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 cft., the stone masonry annas 2-6 per cft. 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.

51
it. The foundation as shown on the plan is exceptionally shallow, and it would be better to allow for nine inches extra of concrete which, of course, if very hard compact strong gravel is met with, can be omitted. The position of the vents in the wall 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 make-shift arrangements. 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

Dr 1876 Sept 11

No 2218

to be necessary

Ad. Secy

Majors R.B.

Chief Engr. for Imp.

for Chief Engr. for Imp.

The Secretary to Govt.

Public Works Dept.

By 31 March 76 Dr 530

Ch. Secy

No 827

Public Works Dept.

Proceedings of the Madras Government

Under date the 31 March 76

Read the following

The Chief Engr. for Imp.

H.E. No 20 W. 424 March 76

The following estimate from the Percondah Range is forwarded by the Officiating District Engineer, Bellary, is sanctioned.

Constructing an Irrigation sluice in the Gondoor Tank bund.

Irrigation.

Capital Ordinary original work — No. 1070

Total Rupees. 1070

2. This sanction has been registered as No. 78-I of 1875-76

Handwritten signatures and stamps

The District Engineer
 will furnish the
 Chief Engineer for
 Irrigation with the
 explanations called
 for.

Ans
 243
 M.M.

[Faint, mostly illegible handwritten notes]

530-531

Ans 97-3-76

D. E. Bellamy
 Collector
 Ch. E. for J. White & Co.
 Ex. P. W. & Co.
 Rev. Dep't
 31-3-76

[Faint handwritten notes]

Ans
 243
 M.M.

[Faint handwritten notes]

FORMER CASES.

Current No. of 187
 " "
 " "
 " "
 " "

M. WORKS FORM No. 3.

Current No. 2218

From

The Chief Engineer
 for Irrigation

No. 207

Dated 24

Recd. 27

March 1876.

Subject:—

Note on
 Estimate for Constructing
 an Irrigation sluice
 near the Bon door
 Tank bund Bellary

LATER CASES.

Current No. of 187
 " "
 " "
 " "

ENCLOSURES. 4

From

to

"

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Orders and Proceedings in file.

Depart- ment.	No.	Date.	ENDORSEMENTS.		
			Depart- ment.	No.	Dated.

22/8
Govt. of 1876 Madras.

PUBLIC WORKS.

To

The D. G. Bellary

3/4/1876

Dated

Issued

Recd.

Encl.

G. O. 31st Mar. 1876, No.

827

Nos. 530-531.

Notice in the Condore
Tank bund Bellary Dist

Estimate of Rs 1070 for
Constructing a — — — — —

W. A. 1876
18/4.