

(1) Number of pages _____

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MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No.	476 (9)	Press
B.P. No.		Mis.
Dated	22.2.	18 76.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
22nd February 1876.*

Read the following papers :—

No. 392. From the Superintending Engineer, Chingleput, dated 3rd September 1875, No. 2,245.

No. 392-A. From do. do. dated 4th December 1875, No. 3,775.

Memorandum from the Chief Engineer for Irrigation, to the Secretary to Government, Public Works Department, dated Fort. St. George, 14th February 1876, No. 194.

It is observed that the plan and estimate for the sluice in the bund of the Kolavoy tank, forwarded by the Superintending Engineer, Chingleput District, with his letter of the 4th December 1875, No. 3,775, does not correspond with the work which has been built. This is apparent from the terms of the 3rd paragraph of the Range Officer's report accompanying Colonel Moberly's letter, wherein it is stated that slab stones have been used to cover the tunnel, whereas a brick arch is shown in the plan and provided for in the estimate.

2. The details of the structure appear to be defective in other respects. The masonry of the face-wall of the sluice appears to be carried over the vent by cross stones. A relieving arch should however have been inserted above. The plug should have a shoulder to which may be added a leathern washer, and it would have been probably a cheaper and certainly a more durable arrangement to have used cross stones with holes in them as guides for the spear.

3. The arrangements for working the shutter are not described or shown on the drawings, neither is it explained how the passage of water from the cistern is to be regulated. The suitability of the position of the vent for the high level channel was questioned in the former memorandum of the Chief Engineer, but no information has been afforded on this point. The thickness of the outer wall of the cistern appears to be excessive.

4. The estimate which is for reconstructing the Natham low level sluice Kolavoy tank in the 3rd Range, Chingleput Taluq, amounts to Rupees 1,650, and is debitable to Extensions and Improvements under Revenue.

(Signed) A. DEC. SCOTT, Major, R.E.,
for Chief Engineer for Irrigation.

No. 393. ORDER THEREON, 22nd February 1876, No. 476.

IRRIGATION, No. 40-B.

Account.

THE attention of the Superintending Engineer will be called to the Note of the Chief Engineer for Irrigation, and he will afford the explanations required.

2. The work appears to have been completed, and the estimate, amounting to Rupees 1,650, is now sanctioned and will be a charge against Revenue, Extensions and Improvements.

Proceedings of the Madras Government, Public Works Department,
22nd February 1876.

3. This sanction has been registered as No. 11 I. of 1875-76.

(True Extract.)

Major-General, R.E.,
Secretary to Government.

To the District Engineer, Chingleput.
„ Collector of „
„ Chief Engineer for Irrigation.
„ Examiner of Public Works Accounts.
„ Revenue Department.

194

Memorandum

Enclosure.

It is observed that the plan and estimate for the sluice in the hand of the Railway track forwarded by the Superintending Engineer, Chingleput District, with his letter of the 4th December, 1875, No. 3775, does not correspond with the work which has been built. This is apparent from the terms of the 3rd para of the Range Officer's report accompanying Colonel Meehan's letter, wherein it is stated that slab stones have been used to cover the the tunnel whereas a brick arch is shown in the plan and provided for in the estimate.

2. The details of the structure appear to be defective in other respects. The masonry of the face wall of the sluice appears to be carried over the cut by cross stones. A relieving arch should however have been inserted above. The plug should have a shoulder to which may be added a feather washer, and it would have been probably

a cheaper and certainly a more durable arrangement to have used cross struts with holes in them as guides for the spear.

3. The arrangements for working the shutter are not described or shown on the drawings, neither is it explained how the passage of water from the reservoir is to be regulated. The suitability of the position of the vent for the high level channel was questioned in the former memorandum of the Chief Engineer but no information has been afforded on this point. The thickness of the outer wall of the cistern appears to be excessive.

4. The estimate which is for reconstructing the Natham low level sluice Kolavay tank in the 3rd Range, Chingleput Taluk, amounts to Rs 1650 and is suitable to extensions and improvements under Revenue.

For Sain King
14th February 1876

Ans. Sent.

Major R.E.

For Chief Engineer for Irrigation

To The Secretary to Government
Public Works Dept

FORMER CASES.

Current No. of 187

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M. WORKS FORM No. 3.

Current No. 1224

From

The Chief Engr for
Irrigation

No. 194

Dated 14th

Recd. 17th

Feb.

1876.

Subject:—

Memo ~~on~~ letter from
the Supg. Engr. Chingleput
submitting Plans & Estimates
for constructing Irrigation sluices
to the Kolarby Tank

LATER CASES.

Current No. of 187

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ENCLOSURES. 5

From

to

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G.O. No 476. 22-2-76
Orders and Proceedings in file.

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

No 476 Public Works Dept
Pro. of the Madras Government
Under date the 22 Feb/76

Read the following:—
The Supg. Engr Chingleput (N.S. No 2245 dated 3 Sept 1875)
to do do do do 3775 do 4 Dec do
The Chief Engineer for Irrigation } (P.E. No 194 of 14 Feb/76)

The attention of the
Superintending Engineer
will be called to the rate
of the Chief Engineer for
Irrigation and he will afford
the explanation required.

2. The work appears to
have been completed and
the estimate amounting
to Rs 1650 is now sanctioned
and will be a charge
against Revenue & Improvements.

This sanction has been
registered as N.S. of 1875-76.

D. E. Chingleput
Collector & do
Ch. Engr for I. with 5 Orig.
Certs Enclosures.
Rev. Dept
P. S. do

M. W.

392 A

in 17-2-76

1224

U.S. DEPT. OF AGRICULTURE
BUREAU OF PUBLIC WORKS

not passed by
Hays St. Ct.
28/2
J. S. Chingfat

22 Feb 1916

392-393

Ho-Lay-Tank Chingfat
Int - The Whistle in writing
to Rs 1650 for constructing the
Katham Office in the
sanctuary and the Church
near the Reservoir. The Insp
is to afford the explanation
called for by the Chief Insp
for investigation.