

(1) Number of pages 12-
(2) Date of repair 18.12.88
(3) Initials of the Referencer lms

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P.W. DEPARTMENT

G.O. No.	2566(W)	Press.
B.P. No.		Mis.
Dated	8.11-1380	197.

1988

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

8th November 1880, No. 2,566 W.

Buildings and Roads.
Civil Works.

Read the following paper :—

No. 39. From Lieutenant-Colonel J. BEATTY, R.E., Superintending Engineer, Third Circle, to the Chief Engineer, Public Works Department, dated Trichinopoly, 29th October 1880, No. 1,646 T.J.

WITH reference to G.O., No. 2,217 W., dated 22nd September 1880, calling for explanation as to the causes of short outlay on the works noted in the margin, I have the honor to report as follows.

2. *Vedarniem Salt Canal*.—The quantity of earthwork required was considerably over-estimated. The quantities were obtained by sections at about 120 yards interval, taken when the canal was full of water, and as its actual condition could only be guessed at with these data, a liberal allowance was made to guard against the possibility of finding the estimate insufficient and a supplemental one necessary. In carrying out the work it was found in very many places that far less work was required in sloping off the sides than appeared to be necessary from the sections, and in some parts this work was almost unnecessary. One portion for a length of 1,300 yards was excavated to only about half the depth allowed in the estimate, and the subordinate who was in charge of the work was dismissed in consequence. The earthwork was originally estimated to cost 3 annas per cubic yard, but was carried out at about 2 annas and 2 pies per cubic yard. The above explanation was duly given by Lieutenant Romilly, R.E., in a memorandum which accompanied the completion report for the work, forwarded to the Examiner on the 8th October 1878.

3. *Pulyankal Catch Drain at Merkanam*.—It will be observed from the following statement that there was no short outlay on the work, but on the contrary a sum of Rs. 37-4-11 was spent in excess of the estimate :—

	RS.	A.	P.
Amount of estimate	4,985	0	0
Outlay in 1876-77	561	4	6
Do. 1877-78	2,989	3	10
Do. 1878-79	483	5	7
Amount spent by Revenue Department in 1876-77 and 1877-78 from advance made by the Public Works Department from the grant for the work	988	7	0
	5,022	4	11
Excess over Estimate	37	4	11

4. The excess over the estimate was due to a higher rate having been paid by the Revenue Department for the part of the work executed by them. The estimate allowed 1 anna and 6 pies per cubic yard, but the work executed by the Civil Department cost 1 anna and 7-2 pies.

2 PUBLIC WORKS DEPARTMENT, 8TH NOVEMBER 1880, No. 2,566 W.

No. 49. ORDER THEREON, 8th November 1880, No. 2,566 W.

COMMUNICATED to the Examiner of Public Works Accounts, with reference to paragraph 3 of the Superintending Engineer's letter.

(True Extract.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To the Superintending Engineer, Third Circle
Examiner of Public Works Accounts.

Exd. S. T. Austin.
Spec. Copies

2566
2.

BUILDINGS AND ROADS
CIVIL WORKS.

Govt. of (1880) ~~Public~~
PUBLIC WORKS.

GOVERNMENT ENGINEER
3RD CIRCLE.

Dated November, 8th.

Recd.

Recd.

Encl.

G.O. No. November 1880, No. 2041 W.

NOVEMBER.

Nov. 30-10.

Vedarniem Salt Canal and Pulyankel
Catch Drain at Merkanaw. Explanation of
the causes of short outlay on the same
communicated to the Engineer of Public Works
Accounts.

SUPERINTENDING ENGINEER'S OFFICE, 3RD CIRCLE.

No. 1646 T.J.

Trichinopoly 29.9.1880
Depos: 30/-

From

Lieut Colonel L. Beatty, R.E.

Superintending Engineer, 3rd Circle.

To

Colonel R. H. Sankar C. B. R. S.
Chief Engineer, P. W. D.
Madras

Sir,

With reference to G.O. No 2217 dated
22nd September 1880, calling for explanation
closing the Vedarniem salt canal as to the causes
completing the Pulyankel catch of short outlay
drain at Merkanaw. on the works

noted in the margin, I have the honor to
report as follows.

2. Vedarniem Salt Canal:— The
quantity of earth work required was con-
siderably over estimated. The quantities
were obtained by sections at about 120 yards
interval, taken when the canal was full
of water, and as its actual conditions
could only be guessed at with these data,
a liberal allowance was made to guard
against the possibility of finding the
estimate insufficient and a supplemental
one

one necessary. In carrying out the work it was found in many many places that far less work was required in sloping off the sides than appeared to be necessary from the sections, and in some parts this work was almost unnecessary. One portion for a length of 1300 yards was excavated to only about half the depth allowed in the Estimate, and the subordinate who was in charge of the work was dismissed in consequence. The earth work was originally estimated to cost 3 annas per Cubic yard but was carried out at about 2 annas & 2 pies per Cyd. The above explanation was duly given by Lieut Romilly R.E. in a Memo which accompanied the completion report for the work forwarded to the Examiner on the 8th October 1878.

3. Pulyankal catch drain at Morkanaw.

It will be observed from the following statement that there was no short outlay on the work, but on the contrary a sum of Rs 37-4-11 was spent in excess of the Estimate.

Amount of Estimate.	Rs 4986-0-0
outlay in 1876-77.	Rs 561-4-6
— " — 1877-78.	2989-3-10
— " — 1878-79.	483-5-7
Amount spent by Rev. Dept. in 1876-77 & 1877-78 from advances made by the P.W.D. from the grant for the work.	988-7-0
	5022-4-11
Excess over Estimate.	37-4-11

4. The excess over the Estimate was due to a higher rate having been paid by the Revenue Department for the part of the work executed by them. The Estimate allowed 1 anna and 6 pies per cubic yard, but the work executed by the Civil Department cost 1 anna & 7.2 pies.

I have the honor to be

Sir

Yours most obedient servant.

F. P. Beatty Lt Col R.E.

Dep^y Engineer, Secid.

RL

G.O. No 2276 d/22-9-80

P. W. D. 3RD CIRCLE.

From

P.W.D.
The *Superintending Engineer,*

2 NOV 80

3rd Circle.

To No

The *Chief Engineer*
P. W. D.

No. *1646 T.J*

Dated *29th* } October 1880.
Received

Enclosures. —

*redarnium Salt barrel
Pulyankal butch
ain at merkanam*

*Explanis as to
the causes of short
stay on the —*

*Cor 5-11-80. Ntl 25/11/80 -
O. 3-11-80. Btl 8-11-80*

No 2566 W

*137R
C Work*

PUBLIC WORKS DEPARTMENT

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the *8th Nov 1880*

Read the following:—

From the Supergr 3rd Circle (H.S. No 1646 T.J d/29th Oct 1880)

Recorded and

*Communicated to the
Examiner P. W. Accounts
with reference to para 3
of the Supergr Engineer's
letter.*

S. 11

Att

4/11/80

S. E. 3rd Circle

Ex. P. W. Accts

*65
7/11/80
R.F.*

69/3

Govt. of Madras.

PUBLIC WORKS.

10-11-80

To

By

By

By

By

at 8th Nov 1880 25/10/80

Dec 37/80

Vedavicham Salt Canal
& Pulypurkal Catch
DRAIN at Merikavam.

Explanation of the
causes of short
outlays on the
—, Command & the
Lys: Mr. W. R. S. S. S.

3/3