

Public Works (1898) Département.

G.O., No. 426 *98*

DATED 30 May 98

2/1/98

[Despatch Abstract.]

Salanpore Branch Channel. Revised Estimate of Rs. 8200 for extending the — from the Coleroon Rajah Voikab, South Arcot District. *Sauchoet*

Entered in the
estimate register

24/5-98

100/4

24/5-98

20/5/98

Indexed.

1/6

BACK PAPERS.

FURTHER PAPERS.

IRRIGATION.
ACCOUNT.

Government (1898) of Madras.
PUBLIC WORKS.

Recd.

Regd.

} 1898.

Enclosures

Spare copies

G.O., No. 426 I., 30th May 1898.

MAY.

Saliantope Branch Channel

Revised estimate of Rs. 8,200 for extending the — from the Coleroon Rajah Voikal, South Arcot division, sanctioned.

Extending the Saliantope branch channel from the Coleroon Rajah Voikal.

Estimate.						RS.	RS.
2. Land—							
(1) Compensation for land	...	...	...	...	...	1,345	1,345
3. Regulators—							
(2) Head sluice in Rajah Voikal	...	...	...	...	...	341	
(3) Regulator at 2 miles 1,700 feet	...	...	...	...	...	108	449
6. Other cross drainage works—							
(4) Aqueduct across Kuttankoil drainage channel	...	...	...	...	...	771	
(5) Road culvert at 1 mile 1,420 feet	...	...	...	...	...	563	
(6) Drainage culvert (aqueduct) at 1 mile 2,700 feet	...	...	...	...	...	1,135	2,469
12. Earth-work—							
(7) Excavating channel	...	...	...	...	...	2,405	2,405
15. Miscellaneous—							
(8) Demarcation stones	...	...	...	...	...	185	185
Total—I. Works	...	...	...	...	...	6,853	
II. Establishment	...	...	...	...	...	1,267	
III. Tools and plant	...	...	...	...	...	80	
Total estimate						8,200	

2. This sanction is registered as No. 40 I. of 1898-99.

(True Extract.)

(Signed) W. HUGHES,
Joint Secy. to Government,
Irrigation Branch.

To the Chief Engineer for Irrigation.

„ Superintending Engineer, V Circle, with twenty-nine enclosures.
„ Examiner, Public Works Accounts.

Exd. P. Seetharam.

Public Works (1898) Department.

CURRENT No. 4537

From the Chief Engr for
Irriga

Order

No. 16/9

Dated 20-5-98.

Received }
Registered } 27-5-98

Enclosures 31 (11 plans)

Spare copies

SUBJECT.

Saliantope branch channel
from the Coleroon Rajah
Voikal lower ancient
system. Estimate of Rs 8,200
for extending the — note
recommending for sanction
the revised —

38/9

PROCEEDINGS OF THE MADRAS GOVERNMENT.

From the Supery. Engineer, Fifth Creek. (H. R. N. 156-2.1 dated 26. 4. 98).

Na 161. J 20. 598

Note by the Chief Engineer for Insp.

Issue

ICU
2575755

The Superintending Engineer,
Fifth Circle, submits, for sanction,
the accompanying revised estimate
amounting to Rupees 6,853 for
extending the Sahaintope branch
channel from the Coleroon Rajah
Voikal, Lower Coleroon Ancient sys-
tem, which involves a net excess of
Rs 1843 over the original estimate
of Rs 5,010 sanctioned in G.O. No
606-I dated 23rd August 1894.
The excess is chiefly attributed to
more land having been taken up
than provided for in the sanction-
ed estimate, the bank of the Chan-
nel having been made 4' wide at
top instead of $2\frac{1}{2}'$ as originally
estimated and to the new bank
that

that had been formed, having been washed away by the floods in the Coleroon of 1896.

2. The revision of the estimate is also due to the original levels on which the estimate was prepared, having been nearly 2 ft. wrong, which necessitated the bed-fall per mile being reduced from 2' to 1', and to the channel at the head having had no bed-fall at all, owing to an error in levels of 1.25'.

3. The revised estimate may be sanctioned.

The first estimate, in which these errors occur, appears to have been made by Asst. Engr. Mr. J. D. Sayer who retired last year.

10.5.98
N-426 of 30 May '98
Order thereon.

The following revised estimate is sanctioned, in supersession of the estimate of Rs. 5010. sanctioned in G.O. No. 606-I dated 23rd August 1894 :-

1. Irrigation.
43, Munds Works and Kanpatia
for which Capital...

Revenue Accounts are kept.
Lower Coleroon Tributary system.
Capital Account.

I. Works.
2. Main Canals and branches.
Intending the Sahiantope branch
Channel from the Coleroon Rajah Vikiat.

Estimate—		Rs.	P.
2. Land.	(1). Compensation for land. — 1345.	1345	
3. Regulators.	(2). Head sluice in Rajah Vikiat. — 341.		
	(3). Regulator at 2 m. 1700 ft. — 108.	449	
6. Other Cross drainage works.	(4). Aqueduct across Kuttankovil drainage channel. — 771.		
	(5). Road culvert at 1 m. 1420 ft. — 563.		
	(6). Drainage Culvert (aqueduct) at 1 m. 2700 ft. — 1135.	2469	
12. Earthwork.	(7). Excavating channel. — 2405.	2405	
15. Miscellaneous.	(8). Demarcation stones. — 185.	185	
Total I. Works. —		6,853	
II. Establishment. —		1,267	
III. Tools & plant. —		80	
Total Estimate, —		8,200	

2. This sanction is registered as No. 40. I. of 1898-99.

To The Chief Engineer for drainage.
" Supp. Engr., Fifth Circle with 29 Endor
" Examiner, P.W. Accts.

14/5/98

C.E.S.
27-4-97

Public Works (1898) Department.

CURRENT No. 29 S.A.

4769

Soon

Order

From

The Supt Engineer
of Civil

No. 156 & 1

Dated 26 April 1898

Received 27 — Do —

Enclosures 19 (11 plans)

Spare copies

F.E.S.

This estimate has been
examined.

12-5-98

Dept disposal for
approval

C.S. & L. check the second
estimate

10/6/98
27/4/98

SUBJECT.

Salween River branch channel
from the Folsom River
Vinh

Forwarding a revised
estimate amounting to
Rs. 6853 for extending the
in lieu of the estimate of
Rs. 5010 sanctioned by
No. 606 of 23-8-94.

BACK PAPERS.

No.	Date.
R 627	May 3 ⁹ 94

FURTHER PAPERS.

No.	Date.

28P

Extending the Salientope branch
channel from Colbrook Rayah vokal

Report to accompany
revised estimate for.

Revised estimate ⁶⁸⁵³ Rs 6592

7 Aug 4

In G O No 6063 of 23-8-96
registered as No 633 of
94/95 an estimate for
Rs 5010 was sanctioned
for this work.

2. On the plan a note
was made by Mr
Larmine to make the
top width of bank 1/2' wide
instead of 2 1/2' and to
meet this a lump sum
of Rs 230 was added to
the estimate which was
far below the actual
amount required.

3. In 1896 the greater
part of the earth work
was done but the great
flood of the Colbrook
breaching the left bank
swept off the new

banks which is a second cause of increase over the original estimate.

4. An approach ~~channel~~ was excavated costing \$91 to the Aqueduct, and this amount not being provided for in the original estimate it was ~~not~~ from the amount for earth work in this estimate.

5. For the whole earth work rate only \$2-8-0 was allowed in the estimate, but earth for the portion below the road having to be obtained from the high level fields involving greater lead the rate for this portion has been increased to \$3 in the revised estimate.

6. The masonry works were all completed in 1896 and the cause of excess or savings under each subhead is noted

in the Comparative statement.

7. The portion of bank above the road was carried out with the exception of few low places to bring up which to proper section a sheet of detail measurements accompany. For the portion below road & the branch channel sections accompany.

8. In original levels of the branch channel an error in floor of Railway culvert occurs. It is given as 90.65 but the correct level is 92.53. The original bed fall proposed was 2' per mile but it is now proposed to be 1' per mile and this causes the Railway culvert floor to be cut down by .36. There was also an error of 1.25 at head of channel which was corrected by making the channel bed

horizontal from head to
1st Aqueduct.

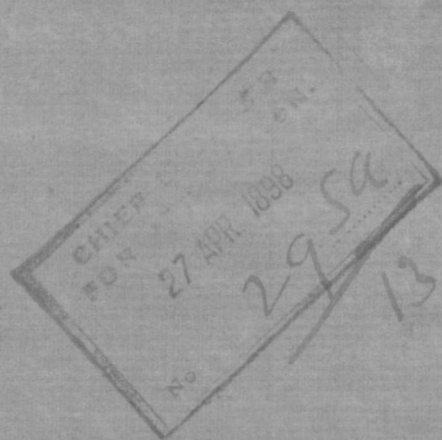
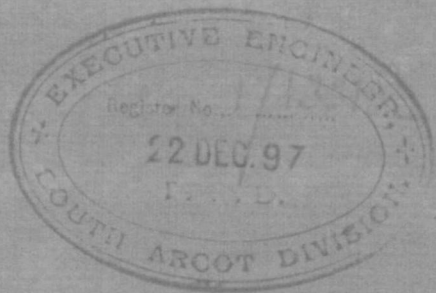
9. In the original estimate only 2.96 acres costing Rs 592 was provided for land compensation but 8 acres costing Rs 1035 have been taken up & included in this revised estimate

10. The remaining work can only be carried out after the harvest.

J.B. Rodrigues.

J. W. Whitford

Subd Officer



No. 15682.

SUPERINTENDING ENGINEER'S OFFICE,

V CIRCLE, MADRAS,

Chepak, 24th April 1898.

From

Colonel C. C. Rawson, R. E.

SUPERINTENDING ENGINEER,

V CIRCLE,

To

THE

Chief Engineer for
Irrigation.

SIR,

I have the honour to forward herewith a revised estimate amounting to Rs 6,853 for extending the Saliantope branch channel from the Coleroon Rajah Voikal, in lieu of the estimate of Rs 5010 sanctioned in G. O. No 606.I. of 23.8.94.

The causes of excess are explained in the report which accompanies the comparative statement.

The original level on which the estimate was made appear to have been nearly two feet ^{wrong} long and in consequence the bed fall per mile has had to be reduced from 2' to 1' per mile, and at the head the channel has no bed fall at all owing

- Enclosures 19
- 1 Report
 - 1 Detailed Estimate
 - 3 Calculation sheet
 - 1 Comparative stat.
 - 2 Sections (sanct. in tracing cloth)
 - 3 Sections
 - 1 List of levels of fields
 - 1 Tracing showing land to be taken up
 - 3 - - - Masonry work
 - 2 Plans of - - -
 - 1 Sanctioned estimate.

19
x H. H.

owing to an error in levels of 1.25'.

3. I really am quite unable to explain these errors, the estimate having been submitted and sanctioned before I took over charge. When I first inspected the work in 1895 the masonry works were well in hand and the earth work had been commenced where possible. The Executive Engineer was Mr. J. S. Wilson and the Subdivisional officer Mr. A. Ay. Vijayaraghavulu Das Naidu, Rao Bahadur, then Supervisor 1st grade.

I have the honour to be,
Sir,

Your most obedient servant,

A. S. Srinivas
2574/98 Colonel A. S.
Superintending Engineer,
5th Circle.

Dec 1
1897/98