Public Works (1898.) Department.

G.O., No. 34 I

DATED 4 January 1898

17/1/1898

[Despatch Abstract.]

Orathur tank. Revised estimate of Rs. 2915 for reconstructing weir No. 2 of — South Arcot Dn. Sanctioned

=

10/4

Fd 11/1/98

P.W. 26.
1300—30-11-96.

Indexed 15/1

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	D

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

IRRIGATION.
ACCOUNT.

Government (1898) of Madras.
PUBLIC WORKS.

Recd.	1898.	Enclosures
Regd.		Spare copies

G.O., No. 34 I., 14th January 1898

JANUARY.

Orathur Tank

Revised estimate of Rs. 2,915 for reconstructing weir No. 2 of —, South Arcot division, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following papers:—

From Lieutenant-Colonel C. C. RAWSON, R.E., Superintending Engineer, V Circle, to the Chief Engineer for Irrigation, dated Chepâk, 8th October 1896, No. 242 E.I.

I have the honour to submit, for sanction, the enclosed comparative statement of Rs. 2,915 for reconstructing weir No. 2 in Orathur tank, in the South Arcot district, showing an excess of Rs. 315 over the estimate of Rs. 2,600 sanctioned in G.O., No. 902 I., dated 23rd November 1891.

2. The necessity for the revision of the estimate is explained in the remark column of the comparative statement.

Memorandum to the Superintending Engineer, V Circle, dated 13th October 1896, No. V./162 S.A.

With reference to letter, No. 242 E.I., dated 8th instant, from the Superintending Engineer, V Circle, the undersigned has the honour to observe that, of the net excess of Rs. 315, an excess of Rs. 195 occurs under "brick-work in mortar." The rate for this item is shown to have been increased from Rs. 15-12-0 to Rs. 18 owing to bricks having to be carted 2 miles and conveyed some distance by coolies. The Superintending Engineer is requested to be so good as to state whether the necessity for this increase would have been foreseen, and if so, to explain why adequate provision was not made in the original estimate. It is also observed that additional work to the extent of Rs. 125 was found necessary when carrying out the work. Some explanation should be afforded for the omission to provide for this work in the sanctioned estimate.

(Signed) W. HUGHES,
Chief Engineer for Irrigation.

From J. S. WILSON, Esq., Executive Engineer, South Arcot Division, to the Superintending Engineer, V Circle, dated Camp Cuddalore, 26th January 1897, No. 66 S.E.

With reference to your No. 421 S.A. of 20th October 1896, I have the honour to report that the original estimate for Rs. 2,600 was prepared in 1891-92. The necessity for the high rate owing to difficulty of carriage should have been foreseen at that time; but as it was not, it was found necessary, when the construction was put in hand, to grant compensation for the excess carriage in the form of a higher rate. The Sub-divisional officer entered the increased rate in the final bill, and when called upon to explain, gave what I considered sufficient reason for the increase. I therefore passed the final bill for payment.

No. 29 E.I.

Copy forwarded to the Chief Engineer for Irrigation, with reference to his memo., No. V./162 S.A., dated 13th October 1896.

(Signed) C. C. RAWSON, Lieut.-Col., R.E.,
Superintending Engineer, V Circle.

2nd February 1897.

No. 32 I.

Submitted to Government.

(Signed) W. HUGHES,
Chief Engineer for Irrigation.

9th February 1897.

To the Superintending Engineer, V Circle, dated 15th February 1897, No. 12 S.A.
From the „ „ V „ 25th September „ „ 265 E.I.
To the „ „ V „ 2nd October „ „ 64 S.A.
From the „ „ V „ 3rd December „ „ 340 E.I.

ORDER—No. 34 I., dated 14th January 1898.

The following revised estimate is sanctioned in supersession of the estimate of Rs. 2,600 sanctioned in G.O., No. 902 I., dated 23rd November 1891:—

Irrigation.
43. Minor Works and Navigation.
Minor Works for which neither Capital nor Revenue Accounts are kept, P.W.D.
South Arcot Division.
Orathur Tank.
Reconstructing Weir No. 2.

	RS.
Estimate	2,915

2. This sanction is registered as No. 149 I. of 1897-98.

(True Extract.)

Under Secretary to Government,
Irrigation Branch.

To the Chief Engineer for Irrigation.
„ Superintending Engineer, V Circle, with one enclosure.
„ Examiner, Public Works Accounts.

Exd. T. K. Narayana Aiyangar.

341

349

Works (1897) Department.

CURRENT No. 1425/A 1897

Order

From The Chief Engineer for Irrign.

No. 32. I.

Dated 9. 2. 97

Received 10. 1. 98

Enclosures 9

Spare copies

SUBJECT.

Orathur Tank – Submitting for sanction of Govt revised estimate of Rs 2915 for reconstructing weir No 2 in the —

M.E.D

I don't find any instructions to prove in this case. vide

R 10.1.98.

BACK PAPERS.

No.	Date.

FURTHER PAPERS

No.	Date.

No. d/12.10.96

Reconstructing wier 2 & 2 of Oathur

Public Works Department,
Irrigation Branch.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

No. 34 I, Under date the 14.1.98

UP

AE.

Irrigation Stall

Read the following

From Supdg Engr, V Circle, No. 242 E.I. d 8. 10.96
To do. - 162 S.A. d 13. 10.96.
From do. - 29 E.I. d 2. 2.97
No 32 I d 9-2-97
To SE No 12.SA d/ 15 Feb/97
From do 245 EI d/ 25 Sept/97
To do no 64.SA d/ 2 Oct/97
From do 340.EI d/ 3 Dec/97

Submitted to Govt.

Order thereon

When there is a revision of estimate involving an increase, the C.E. should say whether he is satisfied that the increase is justified. He should say so in this case.

A.S.A
12.2.97

The following revised estimate is sanctioned in supersession of the estimate of Rs 2,600 sanctioned in G.O. No. 902 I, d/ 23d Nov. /91 —

Irrigation

43. Minor Works & Navign.
Minor Works for which neither Capital nor Rev. Accts are kept, T.W.O.
South Arcot Distr.
Oathur Tank.
Reconstructing Weir

No 2. Estimate Rs 2915

2. This sanction is registered as No. 1493 of 189~~6~~7-9~~7~~8.

WH 9.2.97

F.S.D. 11.1.98.

To The Chief Engr for I/ Supg Engr V with 1 enclosure.
Ey T.W.2

ICG
8/2/97

V d/13.10.96

HE

To note reg reconstructing weir No 2 of Orattur Dunk –

P. W. Dept.

Note.

With reference to H.E's remark on draft order flagged L, the Supg Engr, V Circle, was asked to state definitely his opinion whether it was necessary to increase the rate for brick work to compensate for the unforeseen difficulty of carrying the bricks, & whether, if a contract existed for doing the work at the estimated rate, it could not have been enforced.

The information furnished in the marginally noted endorsements of the Supg Engr shows that no agreement was drawn up with the pieceworker, who

No. 265 E.I. d 25.9.97 Flag V
340 E.I. d 3.12.97 Flag K

to for Circ
30/12/97

appears to have been given a verbal promise for increased rates & that the work had to be done during the rainy season when the work site was inaccessible to carts. The Ex. Eng. has submitted data for the increased rate referred to & it is considered that the increase is justified.

In the above circumstances it is submitted that the draft order may be approved for issue.

13/12/97

W.H.
17.12.97
I

A.C.E.
31/12/97

I have
3.1.98

W.H.
I

The draft Order is now appd.

A.G.H.
22.12.97

N.B. My note was written on 12.2.97. This report is dated 17.2.97. The period of gestation has exceeded nine months!

A.G.H.

A.C.E.
4/12/97 H.E. 21/12

---

d/13-10-96

Public Works (1897) Department.

CURRENT No. 4.S.A

From The Superintending Engineer
5th Circle.

No. 29 E.S.

Dated 2d February 1897.
Received 3-2-97
Enclosures
Spare copies

SUBJECT.

Arathoor Tank.

Submitting Explanation of the Executive Engineer regarding the excess over Sanctioned Estimate for constructing weir in the —

3-2-97

BACK PAPERS.

G.O.	No.	Department.	Date.
I	162	SA	18.10.96
R	157	SA	8-10-96
R	1022W	—	28.11.91

FURTHER PAPERS

~~Issue~~ G.O. in Receipt	No.	~~Department.~~	Date
I	12	SA	15-2
R	488	a.d	20-9-97
R	61	SA	3-12-97

V d/13-12-96

No. 66 S.E.

South Arcot Divisional office
Camp Cuddalore
Dated 26th January 1897.

From J. S. Wilson Esquire,
Executive Engineer,
South Arcot Division.

To The Superintending Engineer
5th Circle.

Sir,

With reference to your No. 421 S.A of 20th October 1896, I have the honour to report that the original estimate for Rs 2600 was prepared in 1891-92. The necessity for the high rate owing to difficulty of carriage should have been foreseen at that time, but as it was not, it was found necessary when the construction was put in hand to grant compensation for the excess carriage in the form of a higher rate. The Sub Divisional officer entered the increased rate in the final bill and when called upon to explain, gave what I considered sufficient reason for the increase. I therefore passed the final bill for payment.

I have etc.

(Signed) J. S. Wilson
Executive Engineer

No. 29 E.I.

Copy forwarded to the Chief Engineer for Irrigation with reference to his memorandum No. $\frac{V}{162}$ S.A. dated 18th October 1896.

C. S. Lamm
2/2/97
Lt. Col. R.E.

2nd February 1897 Superintending Engineer
5 Circle

BACK PAPER

CHIEF ENGINEER
FOR IRRIGATION.
97
No. 4 SA

O.C.E. 25 of 1897

V d/13·10·96

Public Works (1896) Department.

CURRENT No.

Order

To ~~From~~ The Supdg Engineer V Circle

No. V/162 SA

Dated 13th October 1896
Received
Enclosures
Spare copies

SUBJECT.

Arathur Tank. Observes with remarks that there is an excess of Rs 195 under brick work and mortar and requests to state if this could have been foreseen and if so to explain why adequate provision was not made in the original estimate as also for an increase of Rs 125 over the Estimate.

Indexed

BACK PAPERS.

No.	Date.
R157-SA	8/10/97

FURTHER PAPERS.

No.	Date.
A4-SA	2-2-97
J12-SA	15-2-97
R48SA	25-9-97
R61SA	3-12-97

No V/162SA d/13-10-96

Memo

With reference to letter, No. 2442 E.I., of 8th inst, from the S.E., V Circle, the undersigned has the honour to observe that of the net excess of Rs 315 an excess of Rs 195 occurs under "brickwork in mortar". The rate for this item is shown to have been increased from Rs 15/12 to Rs 18 owing to bricks having to be carted 2 miles & conveyed some distance by coolies. The Supg Engr is requeste to be so good as to state whether the necessity for this increase would hav been foreseen, & if so, to explain why adequa provision was not ma in the original estima It is also observed tha addl. work to the exte of Rs 125 was, form & sanctioned in G. O. No. 982 of 23rd November 1891.

12/10

necessary when carrying out the work. Some ~~ex~~ ~~planation~~ explanation should be afforded for the omission to provide for this work in the sanctioned estimate.

13/10
96

6055.3
14.25
A 97/1897

To the S.E. ✓

ACS
13/10

BR

R157

Public Works (1896) Department.

CURRENT No.

R157 Sa

Order

From The Supdg Engineer
5th Circle.

No. 242 E.I.

Dated 8th October 1896.
Received 9-10-96
Enclosures 1.
Spare copies

SUBJECT.

Arathur Tank in the South Arcot District

Submits for sanction the comparative statement of Rs 2915 for re-constructing Weir No 2 in — Shewing excess of Rs 315 over the Estimate of Rs 2600 sanctioned in G. O. No. 922 I. of 23rd November 1891.

12/10

BACK PAPERS.

~~G.O.~~ Receipt	No.	Department.	Date.
R	1022	W.	23.11.91
Issue	162	SA	13 10 96 ✓
Receipt	4	SA	2 2 97 ✓
GO	902	I	23 11 91 ✓

FURTHER PAPERS.

Issue ~~G.O.~~ Receipt	No.	Department.	Date.
I	162	SA	13-10-96
R	4	SA	2/2/97
I	12	SA	15-2-97
R	48	SA dy	10-9-97
R	61	SA dy	3-12-97

SUPERINTENDING ENGINEER'S OFFICE,
V CIRCLE, MADRAS,
Chepák, 8th October 1896.

No. 242 E.I.

From
Lieut: Colonel C. C. Rawson R. E.
SUPERINTENDING ENGINEER,
V CIRCLE,

1P.

To
THE Chief Engineer for Irrigation

Enclosures. 1
1 Comparative statement.

SIR,

I have the honour to submit for sanction the enclosed Comparative Statement of Rs: 2,915 for re-constructing weir No. 2 in Orathur Tank in the South Arcot District shewing an excess of Rs: 315 over the Estimate of Rs: 2,600 sanctioned in G.O. No. 902 I dy 23rd November 1891.

2. The necessity for the revision of the Estimate is explained in the remark column of the Comparative Statement.

I have the honour to be
Sir
Your most obedt: Servt.

8/10/96
Lt Col: R.E.
Supg Engineer V Circle

2.10.96 1,000—25-2-96.

ACK PAPERS

No

10

From

The Superintending Engineer,

V Circle,

To

The

R15-78a

Dated }
Recd. } 189 .

Enclosures.

No.

162

4

902

RW5.2
(1425 of 1897)
A

Public Works (1897) Department.

CURRENT No. 615A

Order

From The Superintending Engr
V Circle

No. 340 E.I.

Dated 3d December /97

Received 7" — do

Enclosures one

Spare copies

SUBJECT.

Orathur Tank

Submitting a data for the increased rate for brickwork in —

BACK PAPERS.		FURTHER PAPERS.	
No.	Date.	No.	Date.

Tindivanam Sub division.

Data to accompany the estimate of Orattur Tank Weir

Quantity	Workmen and materials.	Rate			per.	amount.		
1500	Data Bricks	6	"	"	1000	9	"	"
	2. Miles cartage 7½ carts at 0-1-9 per mile. }					1	10	3
6	Paraks of lime	"	6	6	Parah	2	7	0
12	Do do Sand	"	"	9	Do	"	9	"
[illegible]	Pounding	"	1	6	"	"	9	"
4	Brick layers	"	9	"	each	2	4	"
3	Men Coolies	"	3	6	Do	"	10	6
9	Women Coolies	"	1	6	Do	"	13	6
	Sundries	"	"	"	"	"	.	9
	Per 100 cft of brick work Stab Rs					18	"	"

(Sd) E. Cope
Sub-Divisional Officer
28/11/96

True copy.

Executive Engineer.
South Arcot Dn.

29: Nov: 97

FURTHER PAPERS.

SUPERINTENDING ENGINEER'S OFFICE
No. 1/909 Sa
30 NOV. 1897
V. CIRCLE, P.W.D., MADRAS.

CHIEF ENGINEER
IRRIGATION.
7 DEC. 1897
No.

5350/4235 A

Copy of a letter from A. G. Romilly Esquire Executive Engineer, South Arcot Division, to the Superintending Engineer, 5 Circle No. 783 Sb dated 12 Nov '9

Adverting to your No. 423 Sa dated 12th October 1897, I have the honour to state that on discussing the matter with Conductor Cope, the Sub Divisional Officer, I am of opinion that the increased rate for brick-work was necessary.

No. 340 Ev.

Submitted to the Chief Engineer for Irrigation with reference to his memorandum No. $\frac{V}{64\ Sa}$ dated 2nd October 1897.

A copy of the detailed data for brick work is also forwarded.

C. Lamm
3/12/97 Colonel RE
Suptg. Engineer 5 Circle

Dated 3rd Dec/97

3.12.97

BACK PAPERS.

FURTHER PAPERS.

Subject letter from the [illegible] Engineer [illegible]
[illegible] Engineer [illegible] Division, to the [illegible]
[illegible] No. [illegible] dated 13 Nov [illegible]

Forwarding copy of No. 123 [illegible] dated 13
October 1897, I have the honour to state that
in discussing the matter with the Executive
Engineer, the Sub-divisional officer, being of
opinion that the increased rate for brick
work was necessary.

[illegible]

[illegible] the Chief Engineer for [illegible] reference to his [illegible] dated 27 October 1897.
[illegible] the increased rate for brick
work is also [illegible].

CHIEF ENGINEER
FOR IRRIGATION.
7-DEC. 1897
No 61 S.A.

Ocs. 6
4825
A. 9/8/97

Public Works (1897) Department.

IRRIGATION BRANCH.

ISSUE No. $\frac{4}{64\,S.A.}$

To

The Supg Engineer
5 Circle

(Reply to letter No. 265 S.E., dated 25/9/97.)

Dated 2-10-97

Despatched 8-10-97

Enclosures *

* Particulars of Enclosures.

SUBJECT.

Orathur Tank. States that neither the SE nor the EE has expressed any opinion in transmitting the Sub Divl Officer's explanation regarding the necessity for increasing the rate for brick work. [illegible] requests to supply this omission at an early date.

Indexed

E. I. Form No. 13—2,000—23-2-97.

BACK PAPERS.

No.	Date.
R485A d/	28-9-97

FURTHER PAPERS.

No.	Date.
R61 SA	3-12-97

Sent to Government with No. I.,
dated 1897.
Printed with G.O., No. I.,
dated 189

REMINDERS ISSUED.

No. 1, dated 189
" 2 "
" 3 "
" 4 "
" 5 "

KEEP-WITHS

No. $\frac{V}{64\,SA}$ d/ 2. 10. 97

Memo.

With reference to Endorsement No. 265 V E.I. d/ 25th Septr 1897, from the Supg Engr., V Circle, the undersigned has the honour to observe that he was requested, in this Office memo No $\frac{V}{12}$ S.A. d/ 15 Feby 1897, "to state definitely his opinion with regard to the necessity for increasing the rate for brick-work in the Orathur Tank to compensate for the unforeseen difficulty of carrying the bricks," but that neither he nor the Exe Engineer has expressed any opinion in transmitting the Subdivisional Officer's explanation. It is requested that this omission may be supplied at an early date.

JMA
2/10

Fair [illegible]
29/9/97

To.
The Supg Engr. V Circle

30/9/97

Oe 835/97

Memo

With reference to Endorsement No 265 E.I. d/ 25 Sept 1897, from the Supdg Engr, V Circle, the under signed has the honour to observe that he was requested in this Office Memo No 12 E.I. d/ 15 July 1897, to state definitely his opinion with regard to the necessity for increasing the rate for brick work in the Orathur Tank to compensate for the conspicuous difficulty of carrying the bricks [illegible] Engineer has expressed [illegible] opinion in [illegible] the Subdivisional Officer's [illegible] It is suggested that this opinion may be supplied at an early date.

Oct 5.97
1425

Public Works (1897) Department.

CURRENT No. 48 P.d.

Order

From The Supdg Engineer 5th Circle

No. 265 E.I.

Dated 25/27 September 1897.

Received 28 — Do —

Enclosures

Spare copies

SUBJECT.

Orathur Tank. Weir

Forwarding Explanation for the increased rate of brick work for

D.E.I.

28/9/97

28/9

BACK PAPERS.

G.O.	No.	Department.	Date.
I	12	SA.	dy 15-2-97
R	157	Sa	28-1-98

FURTHER PAPERS.

~~G.O.~~	No.	~~Department.~~	Date.
I	64	SA	2-10-97
R	61	Sa	23-12-97

Copy of letter No. 334 dated 30th August 1897 from the Sub Divisional Officer, Tindivanam to the Executive Engineer South Arcot Division.

With reference to your No 931 S dated 20th March 1897, I beg to report as follows:—

Submitted

2. The pieceworker submitted an application for the work on the 9th February 1893 and in D. O. No. 196 dated 23rd February 1893 he was informed that his tender had been accepted. No agreement appears to have been drawn up with the pieceworker. The reason why is not known.

3. The pieceworker has no written promise of higher rates, but states that a verbal promise was made by my predecessor.

4. The work was put in hand in the latter part of the working season when only funds were available, and the work had to be carried out in the rainy season when it was not possible for the carts to go to the work spot.

5. With reference to para 5, I beg to state that the work was stopped from latter end of 1894, and under correspondence owing to certain alterations required by the ryots of Orathur

and

and work was not resumed till the end of March 1896. It was only after the work was resumed that I became aware of the necessity for submitting a revised estimate. My not having brought to notice the fact that the rate for brickwork was insufficient till the work was completed was an omission by oversight.

No. 674 S.E.

Forwarded to the Superintending Engineer, Fifth Circle, with reference to his No. $\frac{28\ Sa}{c}$ dated 5th March 1897.

(Signed) A. H. Garrett
Executive Engineer

No. 265 E.I.

Forwarded to the Chief Engineer for Irrigation with reference to his memorandum No. $\frac{V}{12\ Sa}$ dated 15th February 1897.

25/9/97
Col R.E.
Supdg Engineer 5th Circle

CHIEF ENGINEER
FOR IRRIGATION.
28 SEP. 1897
No. 48 Sd

8558
1425 A of 1897

24.9.97

Public Works (1897) Department.

IRRIGATION BRANCH.

ISSUE No. $\frac{V}{12\ SA}$

To

The Superintending Engr
V Circle

(Reply to letter No. , dated)

Dated 15 February 1897
Despatched 18" — do
Enclosures *

* Particulars of Enclosures.

SUBJECT.

Orathur Tank weir. S.E. requested to state definitely his opinion whether such necessity as to increase the rate for the brickwork in the — to compensate for the unforeseen difficulty of carrying the bricks existed and in submitting revised ests. the fullest reasons should be given for any increase of rates.

.1. Form No. 13—2,000—1-11-97.

BACK PAPERS.

No.	Date.

Sent to Government with No. I.,
dated 1897.
Printed with G.O., No. I.,
dated 189 .

REMINDERS ISSUED.

No. 1, dated 189
" 2 "
" 3 "
" 4 "
" 5 "

KEEP-WITHS.

FURTHER PAPERS.

No.	Date.

---

r

No. 12. S.A. Dy 15-2-97

S.E. V

His No 29 E.I. dy 2.2.97

With reference to the E.E.'s statement that it was necessary to increase the rate for brickwork in the Rattan Tank weir to compensate for the unforeseen difficulty of carrying the bricks the S.E. is requested to state definitely his opinion whether such necessity existed, and whether if a contract existed for doing the work at the estimated rate it could not have been enforced — In submitting revised estimates the fullest reasons should be given for any increase of rates

15/2/97

1022 W

5 DEC 91

FOR IRRIGATION.

IRRIGATION.
ACCOUNT.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated November, 23rd.

Recd. *Encl.*

G.O., 23rd Nov. 1891, No. 902 I.

NOVEMBER.

Orathur Tank

Estimate of Rs. 5,090 for improving — South Arcot division, sanctioned.

23rd November 1891, No. 902 I., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.

Account.

Read—the following paper :—

From Major D. McNEIL CAMPBELL, R.E., Superintending Engineer, V Circle, to the Chief Engineer for Irrigation, dated Chepâk, 9th October 1891, No. 360 E.I.

I have the honour to submit, for sanction of Government, the following estimates, amounting to Rs. 5,090, for improving Orathur tank in South Arcot district :—

	RS.
1. Original works—	
Reconstructing the weir No. 2	2,600
2. Repairs—	
Raising and strengthening the bund	2,490
Total ...	5,090

2. The necessity for the work is fully explained in the report accompanying the estimate.

Enclosure.

Report to accompany the estimate for raising and strengthening the bund and the weir of Orathur tank, Imperial list No. 163.

	RS.
Original works	2,600
Repairs	2,490
Amount of estimate ...	5,090

This estimate was called for in Division office No. 441 of 3rd March 1890.

Position of tank.—This tank is fed by the Pombay channel, a main branch from the Ponniár river, and is a member of the Pappanapet and Sathanoor Hissa tank group, and is situated on the south of the village, which goes by the same name, and at latitude 10° 58′ 55″ and longitude 79° 29′ 15″.

Present condition.—This tank was repaired in 1882, when the two sluices and the weirs were newly built ; the weir at the left and the sluices are all in very good order ; but No. 2 weir on the right is not in good order, the body wall is cracked in many places and has come away from the wings at either end ; the wings also have separated from the front and rear returns, while retaining wall of upper apron is also cracked in several places ; it is clear that in the original design of this weir the masonry was too light. The bund from this weir to the right end is composed of bad soil and has been much cut up in front.

Storage.—The present storage capacity of the tank is insufficient and the ryots petitioned the Superintending Engineer with a view to the present F.T.L. being raised by 18 inches ; this petition was forwarded for investigation (*vide* Superintending Engineer's No. 7557 of 25th February 1890).