Public Works (189) Department.

G.O., No. 925 } 926 } I

DATED 26 Oct 99

[illegible] 18/11/99

[Despatch Abstract.]

Avalur Channel.

Sanctioning the revised estimate of Rs 2470 for improving and strengthening the — of the Palar Anicut System, & ordering that a copy of the Pro's be forwarded to the G. of I.

Avalur Channel.

Forwarding a copy of the Pro's sanctioning the revised estimate of Rs 2470 for improving & strengthening the — of the Palar Anicut System

P. W. 66.
391—26-9-97.

BACK PAPERS.

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

FURTHER PAPERS.

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

IRRIGATION.
ACCOUNT.

Government (1899) of Madras.

PUBLIC WORKS.

Recd. } 1899. *Enclosures*
Regd. } *Spare copies*

G.O., Nos. 925, 926 I., 26th October 1899.

OCTOBER.

Avalur Channel

Forwarding a copy of the Proceedings sanctioning the revised estimate of Rupees 2,470 for improving and strengthening the — of the Palar anicut system.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following papers :—

From the Superintending Engineer, IV Circle, dated 15th June 1899, No. 138 I.

No. 194 I.

Note by the Chief Engineer for Irrigation.

The Superintending Engineer, IV Circle, submits a revised estimate of Rs. 2,000, for improving a channel of the Pálár anicut system, involving an excess of Rs. 750 over the original provision. This is chiefly due to the amount now required for land compensation and for which no provision was originally made.

The revised estimate may be sanctioned.

31st July 1899.

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

To the Superintending Engineer, IV Circle, dated 15th August 1899, No. 37 N.A.
From the " " IV " " 11th September 1899, No. 228 I.

ORDER—No. 925 I., dated 26th October 1899.

The following revised estimate is sanctioned in lieu of the provision of Rs. 1,250 made for the work in the schedule * of incomplete works of the Palar anicut system sanctioned by the Government of India in its letter, No. 152 I., dated 26th May 1897, printed with G.O., No. 917 I., dated 15th October 1897 :—

* Amounting to Rs. 22,300 including establishment and tools and plant charges.

Irrigation.
43. Minor Works and Navigation.
Minor Works for which Capital and Revenue Accounts are kept.
Pálár Anicut System.
Open Capital Account.
3. Distributaries.
Improving and strengthening the Avalur channel to supply Damal, etc., tanks.

	RS.	RS.
2. Land—		
1. Compensation for land	651	
		651
4. Earthwork—		
2. Cutting and banking	1,330	
		1,330
5. Miscellaneous—		
3. Demarcation stones	19	
		19
Total, I. Works ...		2,000
II. Establishment ...		460
III. Tools and plant ...		10
Total, Estimate ...		2,470

2. This sanction is registered as No. 67 I. of 1899–1900, and will expire on the 31st March 1900.

3. Ordered that a copy of these Proceedings be forwarded to the Government of India for information.

[Here enter No. 926 I., dated 26th October 1899.]

(True Extract.)

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

To the Chief Engineer for Irrigation.
" Superintending Engineer, IV Circle.
" Examiner, Public Works Accounts.

ENDORSEMENT—No. 926 I., dated 26th October 1899.

Forwarded.

(By order.)

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

Exd. T. K. Narayana Aiyangar.

4/10

Public Works (1899) Department.

CURRENT No. 8350

From The Chief Engineer for Irrigation

Order

No. 194 I

Dated 31-7-99

Received } 11-10-99
Registered }

Enclosures { Plans : nil
Others : 3 } Total 3

Spare copies.

A. Secy 11/10/99

A. Under Secy suppose?
dd 14/10/99

SUBJECT.

Recommending for sanction the revised estimate of Rs 2470 for improving the Avalur Channel of the Palar Anicut System.

14/10/99

CS/

letter

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

13

5 A 3H

PUBLIC WORKS DEPARTMENT,
IRRIGATION BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

10

UNDER date the

READ the following

Estimate of Rs 2470 for improving and strengthening the [illegible] tank to supply Damal [illegible] tank

~~From the Supg: Engineer 4th Circle~~ No. 138 I dd. 15th June 1899
70 Do No. 37 I.A. dd 15 Aug 1899
~~From~~ do No. 2283 I dd ~~4 Sept~~ 1899
No. 1942 dd. 31-7-99
Note by the Chief Engineer for Irrigation

Recorded

Issue
7.10.99 WH
I

U.S.
7.10.99 I have passed the G.O. But, this seems to be a case of bad estimating. An excess of Rs. 750 on an Estimate of Rs. 2000 is a large one. It is true that the excess is mainly due to the absence in the original Estimate of provision for land compensation. But, then such provision forms an essential part of the Estimate. Who made the original Estimate?
A.G.H.
8.8.99

The Superintending Engineer 4th Circle submits a revised estimate of Rs 2,000 for improving a channel of the Palar anicut system, involving an excess of Rs 750 over the original provision. This is chiefly due to the amount now required for land compensation + for which no provision was originally made.

H.S.

Mr. Clark's explanation herewith. Is the S.E. to be asked for further explanation?
9.8.99 WH.

× Flag K.
9.9.99 Sd

Yes, please.
A.G.H. 14.8.99

Explanation herewith
13.9.99 WH flagged S.

Can. Recorded.
A.G.H.
A.G.H.
5.10.99

The revised estimate may be sanctioned

Order thereon No. 925 I dd 26-10-99

The following revised estimate is sanctioned in lieu of the provision of Rs 1250 made for the work in the schedule × of incomplete works of the Palar anicut system sanctioned by the Government of India in its letter

× amounting to Rs 22,300 including establishment and tools and plant charges.

letter No. 152 I dated 26th May 1897, printed with G.O. No. 917 I d/ 15th Octr. 1897:—

Irrigation

4 3. Minor Works and Navigation
Minor Works for which Capital
and Revenue accounts are kept.

Palar anicut system.

Open Capital Account

3. Distributaries

Improving and strengthening the Avalur channel to supply Damal & tanks.

	Rs	Rs
2 Land		
1 Compensation for land	651	
		651
4 Earthwork		
2 Cutting & banking	1330	
		1330
5. Miscellaneous		
3 Demarcation stones	19	
		19
Total I Works		2000
II Establishment		460
III Tools & plant		10
Total Estimate		2470

2. This sanction is registered as No. 67 I of 1899-1900, and will expire on the 31st March 1900.

A.S.H.
8.8.99

Proceedings be forwarded to the Government of India for information.

Endorsement
No: 926 I d/ 26.10
Forwarded.

2877
—
53.

31.7.99

11/11/99

11/11/99

To.
The Chief Engineer for Irrgn
" Supg: Engineer 4th Circle
" Examiner P. W. Accounts

E. L. Form No. 1 (a)—400—27-3-99.

No. D.

Government of Madras.

PUBLIC WORKS DEPARTMENT.

Ootacamund, 188 .

OFFICE NOTE.

From D. W.

To 1.

With reference to H.E.'s remarks on the accompanying draft G.O. it was I who made the original Estimate for improving the Avalur Supply channel. This channel was in existence when the estimate was framed and was as far as I can remember of ample width. It was however much silted up vide para 9. of the report accompanying the Estimate printed with G.O. No 841 d/ 24.1.96. I can only conclude therefore that some modification in the scheme as proposed by me was made, or that possibly ryots had encroached on the channel which was government property; this latter supposition is however improbable

With regard to H.E.'s remark that the excess of Rs ~~2000~~ 750 on an estimate of 2000 is a large one I beg to point out that estimate is only a portion of a whole and that the total estimate for work amounts to Rs 4,630.

But as above stated, as far as my personal responsibility is concerned, I have a fairly accurate remembrance of the channel and cannot understand how any compensation had to be paid at all.

H L

9/8/99

The excess of R 750 is on the Avalur Chl portion of the work only. There is presumably no excess on the remainder.

Submit

Seen S.A.4 14.8.99

Public Works (1899) Department.

CURRENT No. 50/A N.A.

From The Suptg. Engineer 4th Circle.

Order

Recorded S.A.4 5.10.99

No. 228/S

Dated 11th September 1899.

Received } 13 do —

Registered

Enclosures ✓

Spare copies. ✓

PWE1 / 8350/99

SUBJECT.

Avalur Channel.

Explains how the necessity arose for the charge of Rs 651 for the land compensation in the revised estimate for the —

BACK PAPERS.

No.	Date.
237 N.A.	15-8-99.

FURTHER PAPERS.

No.	Date.

Letter from S. D. Pears Esq, Executive Engineer, North Arcot Division, to the Superintending Engineer 4th Circle No 535/S.E dated 2nd September 1899.

R 50/A N.A.
13-9-99.

In reply to your No 477/N.A. of 23rd August 1899, I have the honor to report that the Avalur channel runs through Ocheri village lands, of which, being Shotriem, there are no detailed accounts or survey.

2 The channel as it existed at the time the original estimate was made was quite wide enough, from outer toe to outer toe of banks. There were no boundary stones visible.

3 The improvements involved no trespass beyond the existing toes and it would be naturally assumed by the framers of the estimate that no question of compensation could arise.

4 On an order of the Supg Engineer in 1896 to demarcate all channels not already demarcated, measures were taken

taken

taken for the demarcation of Avalur channel among others, and the outer toes of the banks were assumed, in the absence of boundary stones, to be the line of demarcation. It was then that the Shotriemdars came forward with a claim to some of the land on which the existing banks stood. The original bounds of the channel, they said, had been gradually overstepped in years past but they had claimed no compensation as they still continued to enjoy the usufruct of the trees standing on the land occupied; but now that demarcation was proposed they claimed that it should either be restricted to the original dimensions of the channel, or that compensation be paid them for anything occupied in excess thereof.

5 Their petition was referred to the Revenue Department who found the facts as stated. The original area acquired many years ago for the channel was 4 acres. The area now occupied by it

is

is 9.13 acres. The difference could only be accounted for by subsequent encroachments in the manner described by the Shotriemdars, and it is for this difference that the revised estimate provides compensation.

6 So far as can be ascertained no encroachment has occurred for many years and it is just possible that Government might succeed in establishing an easement on the land, unless it be held that the petitioner's enjoyment of the trees would bar the rights of Government.

7 As the facts, however, are apparently not doubtful, it is probable that Government would not in any case think it right to take this line.

No. $\frac{228}{I}$ dated 11th September 1899.

Copy Submitted to the Chief Engineer for Irrigation with reference to his No. $\frac{II}{37NA}$ dated 15th August 1899.

4

2 Mr. Pears' letter explains how no provision for compensation was made in the original estimate and it seems clear that the Shotriemdar's claims could not be successfully disputed.

Supg Engineer 4 Circle

8.9.99

Public Works (1899) Department.

IRRIGATION BRANCH.

ISSUE No. 37 N.a 10

To

The Supg Engineer 4 Circle

(Reply to letter No. , dated)

Dated 15 - 8 - 99

Despatched 19 - 8 - 99

Enclosures *

* Particulars of Enclosures.

SUBJECT.

Avalur Channel. Requests to report how the necessity for the charge of Rs 651 for land compensation in the revised estimate for the — arose, and states that the extract from a note by Mr. Clarke noted within indicates that the excess outlay is due to not adhering to his estimate.

Ptd. 2
6350/99

E. I. Form No. 13—4,000—7-1-99

BACK PAPERS.

No.	Date.
R30A	15.6.99

FURTHER PAPERS.

No.	Date.

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

REMINDERS ISSUED.

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

KEEP-WITHS.

D.

No 37 NA d/ 15.8.99

III

S.E. IV

With reference to the charge of Rs 65 for land compensation in the revised Est- for the Avalur channel received with the S.Es No 13 D/I d/ 15.6.99 the Supd Engr is requested to be good enough to report how the necessity for the charge arose. The Extract given below from a note by W.H.E. Clerk appears to indicate that the ~~4 acr~~ outlay is due to not adhering to his Est-

15.8.99

Extract

" x x x x x x x x x x x x x x

It was I who made the origiual Estimate for improving the Avalur supply Channel. This Channel was in existence when the Estimate was framed and was, as far as I can remember, of ample width. It was however much silted up vide para 9 of the report accompanying the Estimate printed with G.O. No. 84 I d/ 24.1.96. I can only conclude therefore that some modification in the Scheme as proposed by me was made or that possibly ryots had encroached on the Channel which was Govt property.

x x x x x x x x x

But as above stated, as far as my personal responsibility is concerned I have a fairly accurate remembrance of the Channel and cannot understand how any compensation had to be paid at all."

15/9

Public Works (1899) Department.

CURRENT No. 30 N.A.

From The Suptg. Engineer, 4th Circle.

Order

[illegible]

of Rs 750 [illegible]

[illegible]

Ch. J. [illegible]

PWE3
8350/99

No. 138/J

Dated 15th June 1899.
Received } 19 — do —
Registered }
Enclosures 3. ✓
Spare copies. ✓

SUBJECT.

Avalur Channel to supply Damal &ca. tanks.

Submits for sanction of Govt. a revised est. amtg. to Rs 2000 for improving & strengthening the — duly explained the cause of excess due to over the sanctd. estimate.

D. E. J.

19/6/99

BACK PAPERS.

No.	Date.
R82d	[illegible]-1-96

FURTHER PAPERS.

No.	Date.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Estimate for Improving & Strengthening the [illegible] to [illegible] Canal [illegible] [illegible]-						
Earthwork.						
For cutting – From CS 1 to CS 2	"	250	43.58 72.37	57.97	73107 14493	✓✗
" 2 to 3	"	300	40.00	56.18	16854	✓✗
" 3 to 4	"	300	42.50	41.25	12375	✓✗
" 4 to 5	"	300	11.59	27.04	8112	✓✗
" 5 to 6	"	200	31.00	21.29	4259	✗ x4258
" 6 to 7	"	300	8.50	19.75	5925	✗
" 7 to ~~8~~	"	300	"	4.26	1275	✗
" 8 to 17	"	"	"	–	–	
" ~~7~~ ~~to~~ CS 18	"	300	3.00	1.50	450	✓✗
" 18 to 23	"	"	"	–	.	
CS 24	"	200	12.27	6.13	1227	✗ x1226
" 24 to 25	"	300	8.00	10.13	3039	✓✗
" 25 to 27	"	"	162	"	"	
" 27 to 28	"	300	"	.81	243	✓✗
" 28 to 29	"	150	13.87	6.93	1040	✓✗
" 29 to 30	"	300	6.84	10.35	3105	✗
" 30 to 31	"	300	23.09	14.96	4488	✓✗
" 31 to 32	"	250	29.50	26.29	6573	✗
" 32 to 33	"	380	16.00	22.50	8550	✓✗
" 33 to 34	"	270	15.00	15.50	4185	✓✗
" 34 to 35	"	300	15.00	15.00	4500	✗
" 35 to 36	"	290	1.[illegible]	8.37	2427	✓✗ 103218
Earthwork. Total of –					103120	or say 103,000 ✓
For banking – From CS 1 to 8.	"	"	7.59	.	.	
" 8 to 9	"	300	23.37	15.48	4644	✓
		C. O			4644	✓

DK 10/95

g.W.

SUPTG. ENGINEER'S OFFICE P.W.D.
No. ...
28 SEP 95
FOURTH CIRCLE

SUPG. ENGINEER'S OFFICE P.W.D.
No. 44/188
13 FEB 96
FOURTH CIRCLE

P. W. D. Form No. M 28

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
		B. f			4644	
utting (contd) - CS 9 to 10	"	300	28.37 14.68	19.02	5706	
" 10 to 11	"	300	70.87	41.27	12381	
" 11 to 12	"	300	40.00	53.93	16179	
" 12 to 13	"	600	40.00	40.00	24000	
" 13 to 14	"	300	11.00	25.50	7650	
" 14 to 15	"	450	28.375	19.64	8856	
" 15 to 16	"	250	23.37	25.87	6469	
" 16 to 17	"	450	36.00	29.68	13356	
" 17 to 18	"	600	15.37	25.68	15408	
" 18 to 19	"	300	29.73	22.55	6765	
" 19 to 20	"	300	4.68	17.20	5160	
" 20 to 21	"	300	12.61	8.64	2592	
" 21 to 22	"	300	11.50	12.05	3615	
" 22 to 23	"	600	11.00	11.25	6750	
" 23 to 24	"	450	3.91	7.45 ~~6.21~~	3353 ~~8.60~~	
" 24 to 25	"	300	24.39	14.50	4350	
" 25 to 26	"	150	13.70	19.04	2856	
" 26 to 27	"	450	27.57	20.63	9294	9284
" 27 to 28	"	300	62.34	44.95	13485	
" 28 to 29	"	150	32.00	47.17	7076	
" 29 to 30	"	300	73.16 ~~14.01~~	52.58	15774	
" 30 to 31	"	~~300~~	14.01	43.58	13074	
" 31 to 32	"	250	13.33	13.67	3418	
" 32 to 33	"	380	"	6.66	2531	
" 33 to 34	"	~~270~~	–	–	–	
" 34 to 35	"	300	17.37	8.68	2604	220595
" 35 to 36	"	290	5.12	11.24	3260	
Total cft					220606	or Say 221000
New stone revetment At the breached portion of the channel		200	8	1	1600	1600 cft.

37/A

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount	Total.
1	2	3	4	5	6
		RS.		RS.	RS.
	Estimate for Improving & strengthening the Kalavoor Chl to supply [illegible] the tanks.				
103000	cft Earthwork for cutting.	2/12/	1000 cft	283	
221000	Do Do for Embanking, including sectioning, ramming &c	3/-/-	Do	663	
1600	Do New stone revetment at the breached portion of the Chl in the left bank above and below cross section No: 30 (200′ × 8′ × 1′) = 1600	9/0/0 ~~8/-/-~~	100 cft	144 ~~128~~	
1200	Do Gravel backing to Do	2/-/-	Do	24 ~~12~~	
	Clearing prickly pears & bushes wherever absolutely necessary		L.S.	75	
	Total			1189 ~~1161~~	
	Contingencies			31 ~~29~~	
	Petty Supervision.			30	1250
	Total Rupees				~~1220~~

Grand Total of Estimate Rs. ~~1220~~ 1250

Station Vellore
Date 24-9 1895

Hammond
Supg: Engineer
4th circle

H E Clerk
Executive Engineer. K.A.D.

10,000—20-3-95.

9/1/96

SUPG. ENGINEER'S OFFICE, P.W.D.
No. 557 ha
28 SEP. 95
enclo 14.
FOURTH CIRCLE.

SUPG. ENGINEER'S OFFICE, P.W.D.,
No. 14/188 W
13 FEB. 96
enclo
FOURTH CIRCLE.

EXECUTIVE ENGINEER
REGD. No. 10/1066 dg
22 FEB. 96
P.W.D.
NORTH ARCOT DIVISION.

Enclo: No 1 to letter No 138/J d/15-6-99

C. E.
FOR I.
19 JUN 1899
1/30 NA.

---

supply channel
Avalur to Damal tank
Plan No. 1
Sheet No. [illegible]

(E. No. 123).

CHIEF ENGINEER
FOR IRRIGATION.
16 DEC. 95
No. 110 ha

EXECUTIVE ENGINEER
Regd. No.
27 APR 97
P.W.D.
NORTH ARCOT DIVISION

EXECUTIVE ENGINEER
REG'D. No. 3/2262 dg
2 MAY 96
P.W.D.
NORTH ARCOT DIVISION

Circle—~~Fourth~~
Division—North Arcot
District—
Taluk (or ~~Estate in case of Estate Works~~)—Walajah

ESTIMATE FORM.—Abstract.

Financial Head—Provincial Irrigation
Budget Head—43. Minor and Navigation works for which Capital accounts are kept
Departmental Head—Extension and Improvements
Main Head—Distributaries
Sub-Head—Earthwork
Project of which the work forms part—Palar anicut system
Section—Northern.
Name of Work—Improving and Strengthening the Avalur chal to supply Damal etc tanks — 1250
Amount of Estimate, Rs.—~~1220~~/-
To be carried out by—The Executive Engineer, N. A. Divn

REFERENCES.

P. E. 24
472/86

E. 120.
50,000—6-6-96.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Revised Detailed Estimate for Improving & strengthening the Avalur channel to supply Damal &c tanks.						
Earthwork for cutting						
As per original Estimate		cft				103000
Earthwork for Banking						
As per original Estimate			cft			221000
New stone Revetment						
At the Breached portion in tail end		25½	5¾	1½	220	
Do		10	3	1½	45	
Revetting the erosions at the Head of the chl on both sides in Continuation of the old revetment	2	24	8	1½	576	
Total New stone Revetment cft					841	
or say cft						840
Clearing prickly pears (both banks)						
C. S. 1 to 2		300	8		2400	
" 2 to 3		300	7		2100	
" 3 to 4		300	9		2700	
" 4 to 5		300	8		2400	
5 to 6		200	6		1200	
6 to 7		300	5		1500	
10 to 11		300	3		900	
11 to 12		300	15½		4650	
12 to 13		600	5		3000	
13 to 14		300	1		300	
15 to 16		300	4		1200	
16 to 17		450	1½		675	
17 to 18		600	3¼		1950	
		Total c. area			24975	

ENGINEER,
Regd. No.
13 MAR 99
P. W. D.
NORTH ARCOT DIVISION

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
	B-	over	—	—	24975	✓
CS. 18 to 19		300	1/2		150	✓
" 19 to 20		300	13		3900	✓
20 - 21		300	2		600	✓
21 - 22		300	1 1/2		450	✓
22 - 23		600	1 1/2		960	✓
23 - 24		450	1		450	✓
24 - 25		300	1 1/2		450	✓
25 - 26		150	3		450	✓
26 - 27		450.	4.		1800	✓
27 - 28		300	17		5100	✓
28 - 29		150	15		2250	✓
29 - 30		300	11		3300	✓
30 - 31		300	11		3300	✓
31 - 32		250	50		12500	✓
32 - 33		380	40		15200	✓
33 - 34		270	40		10800	✓
34 - 35		300	30		9000	✓
35 - 36		290	30		8700.	✓
Total Clearing prickly pears sft					104275	✓
or say sft						104000.
Cut Demarcation stones (dressed to 6" at top)						
stones for demarcating the lands recently taken up	25	1'-6"	0'-5"	0'-5"	$6\frac{49}{96}$	✓
Total Demarcation stones cft					$6\frac{49}{96}$	✓
or say cft						6 1/2
Concrete						
for demarcation stones	25	1'-6"	1'-6"	1'-6"	84	✓
Total concrete cft					84	✓

M. R. [illegible]
Supervisor.

EXECUTIVE ENGINEER, DIVISION
Regd. No.
5 APR. 99
P. W. D.
NORTH ARCOT DIVISION

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Deductions						✓
portion occupied by stones	25	0'-5"	0'-5"	1'-0"	4	✓
Total concrete cft less deductions						80.

M. R. [illegible]
Supervisor [illegible]
7-3-99

S.D.O.
9.3.99

EXECUTIVE ENGINEER
Regd. No.
13 MAR 99
P.W.D
NORTH ARCOT DIVISION

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet.			Area or Contents.	Total Quantity of each description of Work.
		Length.	Breadth.	Depth.		
1	2	3	4	5	6	7

EXECUTIVE ENGINEER
Regd. No.
5 APR 99
P.W.D
NORTH ARCOT DIVISION

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount	Total.
1	2	3	4	5	6
		RS.		RS.	RS.
	Improving and Strengthening the Avalur Channel to Supply Damal re Tanks.				
103000 cft.	Earth work for Cutting	2.12.0	1000 cft.	283	
221000 cft.	Earth work for embanking including Sectioning and ramming	3.0.0	do	663	
840 cft.	New stone revetment	9.0.0	100 cft.	76	
104000 sft.	Clearing prickly pear	0.4.0	100 sft.	260	
6½ cft.	Demarcation stones	1.0.0	cft.	7	
80 cft.	Concrete	12.8.0	100 cft.	10	
25 no.	Cutting letter P.W. on Stones	0.1.6	Each	2	
	Compensation for land			651	
	Contingencies			24	
	Supervision			24	
	Total Rs.				2,000

Sanctioned and regis[illegible] 17 [illegible] 1899

A. Rumel
Supg: Engineer
4th Circle.

Grand Total of Estimate Rs. 2,000

Station
Date 7. 6. 1899

A.V.L.
6/6.

Executive Engineer.
N. Arcot Dn.

12

SUPG. ENG. 393 N.A.D. 10 JUN. 99 FOURTH DIVN.

(E. No. 123.)

50,000—11—98.

CIRCLE— 1c

DIVISION— North Arcot

DISTRICT— do

Enclo: No. 2 to letter No. 138/I d/15-6-99

TALUK (OR ESTATE IN CASE OR ESTATE WORKS). Walajah

ESTIMATE FORM.—Abstract.

Financial Head— Irrigation

Budget Head— Dr West Coh K ✓

Departmental Head— ~~Extensions & Impts~~ Capital account

Main Head— Dis ✓

Sub-Head— Earth work ✓

19 JUN. 1899

2/30 N.A.

Project of which the work forms part— Palar Anicut System ✓

Section— [illegible]

Name of Work— Revised Est. for Improving and strengthening the Avalur Chl. to supply Damal tank ✓

Amount of Estimate, Rs— 2000 ✓

To be carried out by— The Exe Engr

REFERENCES.

The original Estimate of Rs 1250 was sanctioned in G. O. No. 84. I. dated ✓ 24-1-96.

ESTIMATE FORM.—Comparative Statement of Differences.

Description of Work.	Original Estimate.			Revised Estimate.			More.	Less	Explanation of Difference.
	Quantity.	Rate.	Amount.	Quantity.	Rate.	Amount.			
1	2	3	4	5	6	7	8	9	10
		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	
Earthwork for cutting	103000 ✓	2-12- ✓	283 ✓	103000 ✓	2-12 ✓	283 ✓			
do for embanking including sectioning & tamping	221000 ✓	3-0- ✓	663 ✓	221000 ✓	3-0- ✓	663 ✓			
New stone revetment	1600 ✓	9-0- ✓	144 ✓	840 ✓	9-0- ✓	76 ✓	.	68 ✓	The quantity now estimated for is the actual requirements.
Gravel backing	1200 ✓	2-0- ✓	24 ✓					24 ✓	This could not be done as gravel is not available close by
Clearing prickly pear along channel bank		L.S.	75 ✓	104000	0-4- ✓	260 ✓	185 ✓		Actual measurements ✓
Demarcation stones				6½ ✓	1-0- ✓	7 ✓	7 ✓		Found necessary for demarcation of lands ~~[illegible]~~ taken up ✓
Concrete				80 ✓	12-8 ✓	10 ✓	10 ✓		
Cutting letter P.W. on stones				25	-1-6 ✓	2 ✓	2 ✓		
Compensation for land						651	651		✓ Explained in the accompanying letter. ✓
Petty supervision			30 ✓			24 ✓	.	6 ✓	
Contingencies			31 ✓			24 ✓		7 ✓	
Total			1250 ✓			2000 ✓	855 ✓ 105	105 ✓	
Excess requiring sanction over the orig. Rupees						750 ✓	750		

Station,

Dated 7.6. 1899.

10,000—27-8-97.

S. D. [illegible]

Executive Engineer

Supg: Engineer
4th Circle

SUPG. ENGINEER'S OFFICE, P.W.D.
No 3939N.A.
10 JUN. 99
Encl: 2
FOURTH CIRCLE.

E. No. 127.

10,000—27-8-97

Enclo: No 3 to letter No 138/I d/15-6-99

CIRCLE— IV

DIVISION— } North Arcot
DISTRICT— }

ESTIMATE FORM.—Comparative Statement of Differences.

To accompany the Revised Estimate

No. of 189 , for*

Improving & strengthening the Avalur channel to supply Damal &c tanks.

3/30 N.A.

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* Here enter the Name and Description of work in full.

No 138/I

Supg. Engineer's office, 4 Circle,
Coimbatore, 16th June 1899.

CHIEF ENGINEER
FOR IRRIGATION
19 JUN. 1899
30 N.A.

From,

A. H. Garrett, Esq.,
Supg. Engineer, 4 Circle,

To,

The Chief Engineer
for Irrigation.

Enclos: 3.
1 Orig. este.
1 Revised do.
1 Comp: Statement

Sir,

I have the honor to submit herewith for sanction of Government a revised estimate amounting to Rs 2,000 for improving and strengthening the Avalur channel to supply Damal &c. tanks, in lieu of the original estimate of Rs 1250 sanctioned in G.O. No 84 I, dated 24 January 1896.

The total excess of Rs 750 over the original estimate is chiefly due to a sum of Rs 650 which is now to be paid for land compensation. The Executive Engineer reports that when the channel was originally made the ryots through whose lands it passed appear to have been given no compensation, and that on the present

improvements

improvements being begun they made claims which the Revenue Department consider must be paid.

The remaining Rs 100 is due to small excesses in various items as will be seen from the accompanying Comparative Statement.

I have the honor to be,
Sir,
Your most obedt. servant,

Supg. Engineer, 4 Circle.

6.99