

(1) Number of pages 8
(2) Date of repair _____
(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. <u>2024</u>	Press Mis.
Dated <u>6/5/18</u>	<u>18/7.</u>

Not to be folded or roughly handled

15-9-63

12

*Proceedings of the Madras Government, Public Works Department,
6th July 1867.*

No. 174. Read the following letter from the Acting Superintending Engineer, 6th Division, to the Secretary to Government, Department Public Works, dated Tanjore, 27th June 1867, No. 521 :—

1. I have the honour to forward an estimate, amounting to Rupees 1,450, together with a plan for reconstructing the cross dam across the Poigayaur in Oluppachary limits, in the Tanjore District, and adding to it two head sluices.

2. The dam which was constructed within the last ten years had been so much injured during the freshes of last year, that it will not admit of being repaired. The whole of the foundation has been undermined, causing the work to sink, and the superstructure to crack in several places. Its reconstruction, therefore, at a point higher up the stream, where its banks are well defined, is proposed with the addition to it, at the same time, of two head sluices for the channels above it, which have at present at their heads only rectangular walls built three feet a part. The Collector has approved of the work, and as its immediate construction was necessary to prevent a total loss of revenue of Rupees 2,184 this year, the Range Officer was authorized to proceed with the work in anticipation of sanction, and it is now nearly completed.

3. I request, therefore, that the Government will be pleased to sanction the above proceeding, and that the necessary provision may be made from the Reserve fund.

No. 175. ORDER THEREON, 6th July 1867, No. 2,024.

IRRIGATION, No. 12.

1. The proceedings of the Superintending Engineer of the 6th Division, as reported in this letter, are approved.

2. The Government sanction the estimate of Rupees 1,450 for the reconstruction of the cross dam across the Poigayaur, and they will endeavour to adjust the outlay that is being incurred by the transfer of savings on the allotments for other new irrigational works.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Superintending Engineer, 6th Division.
" Accountant General.
" Controller of Public Works Accounts.

Exd. S. T. Augustin.

1 22½ Flooding of Vank

Tanjore Levee
Tanjore Taluk
New York

Navigation Canal
Estimate No. of 1867/68.
Limits of Alapachari —
Re constructing Cross dam across the Poigand River
with Head Sluices.

Dimensions			Arithmetical Contents	Description of Works.	Rate	Per Sq. Yds.	Amount
L	B	H					
$3\frac{3}{4}$	$4\frac{1}{4}$	4	510	Foundation of Dam.			
$4\frac{1}{4}$	$3\frac{3}{4}$	4	$637\frac{1}{2}$	do. for wing walls on sides and below dam.			
$3\frac{1}{4}$	$3\frac{3}{4}$	4	195	do. — do. — above dam.			
4	3	4	480	do. — for retaining wall.			
$3\frac{3}{4}$	$3\frac{1}{4}$	4	$243\frac{3}{4}$	do. — of front wall of sluice on North side.			
$3\frac{5}{8}$	$3\frac{1}{4}$	4	$188\frac{1}{2}$	do. — of front wall of sluice South side.			
			$2254\frac{3}{4}$	Cft. of brick cubes laid in boxes.	" 3 2	$16\frac{1}{2}$	4464 "
36	4	$2\frac{1}{2}$	360	Foundation of Dam.			
25	$3\frac{1}{2}$	$2\frac{1}{2}$	$437\frac{1}{2}$	Foundation of wing walls on sides and below dam.			
$7\frac{1}{2}$	$3\frac{1}{2}$	$2\frac{1}{2}$	$131\frac{1}{4}$	do. above dam.			
$47\frac{1}{2}$	$2\frac{1}{4}$	6	$641\frac{1}{4}$	do. of rear retaining wall.			
$40\frac{1}{2}$	13	$1\frac{1}{2}$	$789\frac{3}{4}$	Flooring in rear.			
24	3	$1\frac{1}{2}$	108	Dam above with a Tambhoglee of 12 feet.			
$7\frac{1}{2}$	$2\frac{1}{4}$	8	270	Wings above dam.			
18	$2\frac{1}{4}$	7	567	do. — on sides and below dam.			
$6\frac{1}{2}$	$2\frac{1}{4}$	6	$175\frac{1}{2}$	do. — do. —			
$22\frac{1}{2}$	3	2	135	Foundation of front wall of sluice on North side.			
3	2	4	24	} do. above.			
$12\frac{1}{2}$	2	4	100				
6	2	$4\frac{1}{2}$	108	Foundation of side walls of sluice.			
8	$1\frac{1}{2}$	$1\frac{3}{4}$	42	Side walls above.			
$1\frac{3}{4}$	$2\frac{1}{2}$	$4\frac{1}{2}$	$39\frac{3}{8}$	Foundation of wing walls in Rear.			
$7\frac{1}{2}$	2	4	24	Wing walls above.			
6	$3\frac{3}{4}$	1	$22\frac{1}{2}$	Flooring of Vent.			

1	3 $\frac{3}{4}$	1 $\frac{1}{2}$	2	11 $\frac{1}{4}$	Retaining wall in vent below flooring.
1	4 $\frac{1}{2}$	1 $\frac{3}{4}$	1	7 $\frac{7}{8}$	Foundation of partition wall in sluice below flooring.
1	20	1 $\frac{3}{4}$	3	105	do in rear of sluice.
1	10	1 $\frac{1}{4}$	2 $\frac{1}{2}$	31 $\frac{1}{4}$	Wall above in vent.
1	20	1 $\frac{1}{4}$	3 $\frac{1}{2}$	87 $\frac{1}{2}$	do in rear of sluice.
1	22	1 $\frac{1}{2}$	4	132	Front Parapet wall.
1	10	1 $\frac{1}{2}$	2	30	Rear do.
1	8	6	1 $\frac{1}{4}$	60	Arch work.
2	8	1 $\frac{1}{2}$	3 $\frac{1}{4}$	18	Backing to do.
1	8	7 $\frac{1}{4}$	1 $\frac{1}{4}$	14 $\frac{1}{2}$	Covering to arch.
1	17	3	2	102	Foundation of front wall of sluice on south side.
1	3	2	4	24	} do above.
1	8 $\frac{1}{2}$	2	4	68	
2	6	2	4 $\frac{1}{2}$	108	Foundation of side walls.
2	8	1 $\frac{1}{2}$	1 $\frac{3}{4}$	42	Walls above.
2	3 $\frac{1}{2}$	2 $\frac{1}{2}$	4 $\frac{1}{2}$	78 $\frac{3}{4}$	Foundation of wings in rear.
2	3	2	4	48	Wings above.
1	6	1	1	6	Flooring of vent.
1	1	1 $\frac{1}{2}$	2	3	Retaining wall in rear of apron below flooring.
1	16 $\frac{1}{2}$	1 $\frac{1}{2}$	4	99	Front Parapet.
1	8	1 $\frac{1}{2}$	2	24	Rear Parapet.
1	8	2 $\frac{1}{2}$	1 $\frac{1}{4}$	25	Arch work.
2	8	1 $\frac{1}{2}$	3 $\frac{1}{4}$	18	Backing to do.
1	8	4 $\frac{1}{2}$	1 $\frac{1}{4}$	9	Covering to do.
512 $\frac{7}{4}$					Left: Brick in Chumam.
5	6	3 $\frac{1}{4}$	1 $\frac{1}{2}$	11 $\frac{1}{4}$	Upright stones for Tamboghee there being 8 off the old dam.
2	3	3 $\frac{1}{4}$	1 $\frac{1}{2}$	2 $\frac{1}{4}$	} sluice of 1 Vent.
1	3	1 $\frac{1}{2}$	1 $\frac{1}{2}$	3 $\frac{1}{4}$	
2	6	3 $\frac{1}{4}$	1 $\frac{1}{2}$	4 $\frac{1}{2}$	} do for sluice of 2 Vents.
1	6	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	
20 $\frac{1}{4}$					Left: of Granite.
1	24	6	"	144	Plastering dam.
1	12	3	"	36	do Tamboghee.
1	42	15	"	630	do Apron.
2	7 $\frac{1}{2}$	"	11	165	do Wing walls.

2	18	"	10	360	Plastering wing walls.
2	8	"	9	144	do do.
1	3	"	4	12	} Front wall of sluice of 2 Vents.
1	12 $\frac{1}{2}$	"	4	50	
1	8	"	8	64	Side and intrados of arch.
2	3	"	4	24	Face walls in rear.
1	8	"	1	8	Flooring of vent in vent.
1	10	"	5	50	Centre walls of vent.
1	20	"	8 $\frac{1}{4}$	165	do in rear of vent.
1	22	"	7	154	Front parapet wall.
1	10	"	4 $\frac{1}{2}$	45	Rear do.
1	3	"	4	12	} Front wall of sluice of 1 Vent.
1	8 $\frac{1}{2}$	"	4	34	
2	8	"	5	80	Sides & arch of vent.
2	4 $\frac{1}{2}$	"	4	36	Face walls in rear.
1	8	"	1	8	Flooring of vent.
1	16 $\frac{1}{2}$	"	7	115 $\frac{1}{2}$	Front Parapet.
1	8	"	4 $\frac{1}{2}$	36	Rear do.

2372 $\frac{1}{2}$	Sundry Items.		2	8	124	60
27 $\frac{1}{2}$	Sgt. of plastering.					
2400	Front Embankment.					
1	13	4 $\frac{1}{2}$	2	117	Cords of Earth work at one	
					anna = 7-5-	
1	13	1	1	13	Cords of	
					durbah poles } 3-4-	
					at 4 Annas	
2	13	-	1 $\frac{1}{2}$	39	Sgt. of durbah	
					faems at 2 $\frac{1}{2}$ as } 6-1-6. 16 10-6	
					Excavating foundation	
					Baling	
					Sundries and Contingencies	
					at about six per cent.	
Total Estimate Rupees					1450	"

Executive Engineer's Office
No. 1. Range Sanyore
15th April 1867

James M. M. Ag. Supt. Sanyore
Collector

M. H. Walker
Superintendent in charge
Range Sanyore

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Supr's Office 6th Division
Bangalore 27 June 1867.

From, Asst^t Colours P. L. D. Small R.E.
Ag. Supr Engineer 6th Div -
To, Colours B. C. A. Orr. R.E.
Secretary to Government.
D. P. W.
Sir,

I have the honor to forward
an Estimate amounting to Rs 1450 together
with a Plan for reconstructing the Croo
Dam across the Poigayann in Chippa-
chary limits in the Bangalore District,
and adding to it 2 Head Sluices -

The Dam which was constructed
within the last 10 years had been so
much injured during the fresher of
last year that it will not admit of
being repaired - The whole of the founda-
tion has been undermined causing
the work to sink & the superstructure
to crack in several places - It is recon-
struction therefore at a point higher
up the stream where its banks are
well defined is proposed with the addition
to it, at the same time, of 2 Head
Sluices for the Channels above it which
have at present at their Heads only

Estimate of Rs 1450,
for Reconstructing Croo
Dam across the Poigayann
River with two Sluices
in the limits of State
= Chari. m

Rs 1450/00

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