

(1) Number of pages 14

(2) Date of repair 2-4-43

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public works **DEPARTMENT.**

G.O. No. 1310	~~Press~~ Mis.
36-37	
Dated 1 5 1867.	

Not to be folded or roughly handled

No 12

Superior Engineer
Maine
19 April 1867

From

Col. Colonel G. T. Winslow R.E.

Superintendent Engineer and Dr.

Colonel Charles A. Orr R.E.

Secretary to Government

D.P.C.

Maine

Sir

In the project for works connected with the Cinnamoor Channel sanctioned by Government in G.O. No 3699 of 15 Decr 1863, provision was made for draining the Rompairoo Swamp by means of a Channel which extended from near Pampetta to the Casuarinoooroo Bridge, from whence the water would pass to a Creek by a natural outlet, as shown in the sketch plan accompanying; but owing to the silted condition of this outlet, it is found that the water passes off very sluggishly, and the benefits expected are not obtained. In the accompanying Estimate which I have the honor to submit for sanction, this want has been attended to

No 4630

2 It was proposed by Colonel
Mason to turn the Appairo Hill
stream by a Catch drain into the swamp
south of the Ince and China Ganjam
Road. and this has been done, but in order
to allow the water to pass over a cut O.P.
thru the swamp into the Pampiro drainage
is absolutely necessary and for this
also provision has been made in
the accompanying Estimate

3 I have the honor to request that
should it meet the approval of Govt
the amount of this Estimate may be
added to that / Rs 185460 / of the Commamoor
Channel Project. when the work can be
carried out this year from the allotment
under Item 139 of the Budget.

I have the honor to be
Sir,
Your most Obedt Servant.

Commissioner of the
Superintendent of the

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Detailed Estimate.
 Ruston District.

Work. Enlarging Salt Creek from Naamans
 River Bridge to a distance of five miles
 and extending main channel
 from terminus Escape to Salt Creek
 at the above bridges.

Miles.	Depth of cutting	Area of cutting for slopes (w + 1 d) d.	Square feet.	Cubic feet.
Enlarging Salt Creek.				
Length to 1 1/2 miles. No top bed.		55.0		
" 2 "		60.0		Slopes 1 to 1
" 1 1/2 "		65.0		Fall 0.22 per mile.
0 to 1/16.	No Enlarging required.			
1/16 to 1/4.		55.0	37.4.	
Slopes.		68	0.23.	
		330 x	37.63.	12417.9
1/4 to 1/6.	No Enlarging required.			
1/6 to 13/16.		55.0	64.9.	
Slopes.		1.18	69	
		660 x	65.59	43289.4.
13/16 to 15/16.	No Enlarging required.			
15/16 to 1		55.0	62.7	
Slopes.		1.14	0.64.	
		330 x	63.34	20902.2
		31.33		76609.5

		Brought over		76609.5
1 to 1 1/2	1.3	55.0	71.5	
slopes	1.63	<u>1.63</u>	1.32	
1 1/2 to 2	1.1	60.	66.0	
slopes	2.04	<u>2.04</u>	2.08	
		2640 x	139.9	369336.
2 to 2 3/4	No Enlarging required	60.	48.0	
2 3/4 to 2 1/2	.8			
slopes	1.05	<u>1.05</u>	0.55	
		1650 x	48.55	80107.5
2 1/2 to 3	.8	60	48	
slopes	1.06	<u>1.06</u>	0.56	
3 to 3 1/2	.7	65.	45.5	
slopes	.86	<u>.86</u>	0.36	
3 1/2 to 4	.4	65.0	26.0	
slopes	.63	<u>.63</u>	0.19	
4 to 4 1/2	.13	65.2	8.45	
slopes	.3	<u>.3</u>	0.45	
4 1/2 to 5	.2	65	13.0	
slopes	.52	<u>0.52</u>	.13	
		2640 x	142.64	376569.6
			<u>902623.6</u>	Cor.
			27.	33430.5

Extending Commamoor Channel
 Mouth opened 25'
 slopes 1 to 1
 Fall per mile 1.58.

0 to 1/2	3.3	(25+3.3) x 3.3	93.39
1/2 to 1	3.9	(25+3.9) x 3.9	112.71.
		Carried forward	206.10.

		Brought over	206.10
1 to 1 1/2	4.6	(25+4.6) 4.6	136.16
1 1/2 to 2	1.0	(25+1.0) 1.0	26.0
		2640 x	<u>368.26</u>
			972206.4
			27.
			36008. C.

Abstract Estimate

Quantity	Description of work	Rate	Amount Total
33430.5	Ext of earth work for enlarging Salt Creek from Kasaua to a distance of 5 miles	1.1226384	
36008	Ext of 19" extending 19" inquirer Channel from inter. minus back to Salt Creek at the above bridge.	1.22808.	
			4574 0 4
	Surveys & contingencies	2 8	115158
	Total Paper		4630 . .

Superintending Engineer's Office
 Kasaua
 19th April 1867

Commissioned
 Super Engineer & Co.

Report to accompany Estimate. Paper 4630.

1. The first channel is to allow the whole of the drainage from Pompari Swamp to pass off freely to the Salt Creek; the present drainage channel terminates at the Kadavakurri Bridge, but between this and the Creek the ground, in some places is high and the channel ^{the supposed} to be a Salt Creek is so contracted ^{in parts} as hardly to exist at all; the swamp water in consequence stands much longer in the swamp than necessary and beyond a certain level it will never drain at all. As the upper portions of the Pompari drainage are proceeding rapidly and as their utility will be considerably lessened by the existence of the ~~silted~~ ^{silted} portion below, it is recommended that this Estimate be sanctioned at once.

2. The second is to provide an escape for the surplus water of Commamoor channel and also for that of the Appairi Hill stream which at present runs in a catch drain parallel to the Commamoor channel, then under the Subole Road to the swamp beyond; but the level of this swamp is too high to admit of its free passage and the catch drain is greatly silted up in consequence. The present Estimate is for a channel to run ~~parallel~~ parallel to the Subole Road, at a suitable distance from it, down to the proposed extension of the Pompari drainage. At present there is no outlet for the surplus water of the Commamoor channel.

Supr Engineer 20th Dec
Madras 19th April 1867.

W. M. M. M. M.
Supr Engineer 20th Dec

Hill stream in

Enclosure to letter
No 12 of 19th April
1867 from the Sup^r
Engineer 2^d Du to
the Secy to Govt
P.W. Madras

P.W. 1493/67
Estimate for En-
larging Salt Creek
from Kadavacoo-
dooru Bridge to
a distance of 5
miles, and extending
Commamoor Ch^l
from terminus
Escape to Salt
Creek - Rs 4630

Pres. 1st May/67 du de 36.

Open Channel -
Sup Engineer 2^d Du
Madras 19th April 1867.

K. S. M. S. S. S.
Sup Engineer

1310

Public Works Department

No 1310

PROCEEDINGS of the MADRAS GOVERNMENT.

From the Superintending Eng^r of the 2nd Divⁿ

(Here enter No. 12 dated 19 April 1867.)

With this letter the
Superintending Engineer
of the 2nd Divⁿ submits
an Estimate of Rs 4630
for the enlargement of
the Salt Creek from the
Kadavakudhu bridge
to a distance of five
miles for the better drain-
age of the Kompanoo
swamp, and for an ex-
tension of the Commamoor
Channel in order to pro-
vide adequate means
of escape for its surplus
waters of the Upstream
hill stream in the Kistna

Distr^r

District.

2. The Government
sanction the proposed

expenditure and grant
authority for the amount

of the Estimate which
received their approval

in the order of the 15th

December 1863, No. 3699,

being increased from

Rs. 185,460 to Rs. 190,090.

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To
The S. Engr 2nd Div ✓
Accts Genl ✓
" Contnls ✓
" + Rev. Secy ✓
Recd 2/5/67
" 18/7/67

Pub. Works 1867 (Dep. artd)

Pro. of Govt for May

No. 1310

Pro. of the Madras Govt.
11th May 1867

The estimate of Rs. 4,630
for works for the better drainage
of Pamparoo Swamp, Krishna
District, sanctioned and
its amount added to the
estimate of Rs. 1,85,460 for
the extension of the Commamoor
channel project.

No. 36-37