

- (1) பக்கங்களின் எண்ணிக்கை 14
 (2) புதுக்கித் திருப்பிய நாள் 6/8/2
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் 87

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

சீ.ம.பி துறை

116

அரசாணை எண். மு. கோப்புத் தாள் எண்.	<u>2088</u>	அச்சகம் பலவகை
நாள் : <u>27 - 7 - 1892</u> 198.		

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

7. Sheets

ஆவண, கா-1-18,006-15-6-87.

சீ.ம.பி

2088
7GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.Buildings and Roads.
Civil Works.

READ—the following papers:—

From Lieut.-Colonel A. C. SMITH, R.E., Superintending Engineer, VI Circle,
to the Chief Engineer, Public Works Department, dated Trichinopoly,
21st June 1892, No. 286 M.D.

I have the honour to submit, for the sanction of Government, a revised estimate, amounting to Rs. 6,835, accompanied by plans, reports and comparative statement for improving Naloor tank attached to Narikudi chattram, Madura district.

2. The original estimate, amounting to Rs. 6,055, received from the President of the District Board, with his letter No. 2154, dated 12th September 1891, was reduced in this office to Rs. 4,970, owing to certain alterations made in the plans and estimate to suit the existing and proposed sections of the bund and the nature of the work proposed and returned with this office letter No. 821 M.D., dated 30th October 1891, for the sanction of the District Board.

3. The excess of Rs. 1,865 or 37.53 per cent. over that estimate is in the items noted below:—

	Excess. RS.
(i) Raising and revetting the bund	500
Is due to the additional length of 50 feet of revetment, to the substitution of rough stone in chunam of higher rate for loose stone toe wall, and to grouting the revetment.	
(ii) Converting the existing portion of the calingulah into a weir ...	280
Due to the higher rate for concrete, to the substitution of brick work of higher rate for rough stone and to the extra quantity of cut stone.	
(iii) Repairing Thalamadai sluice	290
Due to the reconstruction of the side walls of the sluice.	
(iv) Repairing Iyen covil sluice	530
Due to the reconstruction of the sluice built formerly with brick in clay.	
(v) Constructing a new sluice between Iyen covil and Senimadai sluices	40
Due to the higher rate for concrete.	
(vi) Excavating a surplus channel from the weir	160
Due to the lump sum provision made in the original estimate being found inadequate.	
(vii) Constructing a cistern to Senimadai	65
Due to omission in the original estimate.	
Total ...	1,865

4. The plans and estimate are said to have been approved by the District Board in their Resolution No. 39, dated 16th May 1892, but they have not been countersigned by the President.

5. The rates are fair and the estimate is recommended for sanction.

Office-note from the Chief Engineer for Irrigation, dated 14th July 1892, No. 201.

ORDER—dated 27th July 1892, No. 2088 W., Public Works.

The revised estimate, amounting to Rs. 6,835, for improving the Naloor tank attached to the Narikudi chattram in the Madura district, is sanctioned.

2. This sanction has been registered as Local No. 20 W. of 1892-93.

(True Extract.)

Major, R.E.,
Under-Secy. to Govt., P.W.D.

To the Superintending Engineer, VI Circle.
Local and Municipal Department, with plans and estimates.

Exd. A. D. Xavier,
Spare Copies

2088
2

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1892} Madras.
PUBLIC WORKS.

Dated July, 27th.

Recd.

Encl.

G.O., 27th July 1892, No. 2088 W.

JULY.

Naloor tank

Revised estimate of Rs. 6,835 for improving the — attached to the Narikudi chat-tram in the Madura district, sanctioned.

OFFICE OF THE SUPERINTENDING ENGINEER.

No. 286 m.

6th CIRCLE.

Trichinopoly, 24th June 1892.
25th

From

Lt. Col. A. C. Smith, R.E.
The Superintending Engineer,

6th CIRCLE.

To

The Chief Engineer,

PUBLIC WORKS DEPARTMENT.

SIR,

ENCLOSURES. 7.

1. Revised Estimate
reports &c.
1. Comparative
statement
5. Plans.

7

I have the honor to submit, for the sanction of Government, a revised estimate amounting to Rs. 6,835 accompanied by plans, reports and comparative statement, for improving Naloor tank attached to Narikudi Chat-tram, Madura District.

2. The original estimate amounting to Rs. 6,055, received from the President of the District Board with his letter No. 2154 of 12th September 1891 was reduced in this office to Rs. 4,970, owing to certain alterations made in the plans and estimate to suit the existing and proposed sections of the bund and the nature of the work proposed and returned with this office's letter No. 821 dated 30th October 1891 for the sanction of the District Board.

3. The excess of Rs 1865 or 37.53 per cent over that estimate is in the items noted below:—

- | | Excess. |
|---|---------|
| i. Raising & revetting the bund. Rs 550 | 550 |
| Is due to the additional length of 50 feet of revetment, to the substitution of roughstone in channel of higher rate for loose stone for wall, and to grouting the revetment. | |
| ii. Converting the existing portion of the Calingulak into a weir Rs 280 | 280 |
| Due to the higher rate for concrete, to the substitution of brick work of higher rate for roughstone and to the extra quantity of cut stone. | |
| iii. Repairing Thalavadai sluice Rs 290 | 290 |
| Due to the reconstruction of the side walls of the sluice. | |
| iv. Repairing Iyer coil sluice Rs 530 | 530 |
| Due to the reconstruction of the sluice built formerly with brick in clay. | |
| v. Constructing a new sluice between Iyer coil & Semimadai sluices Rs 40 | 40 |
| Due to the higher rate for concrete. | |
| Carried over Rs 1640 | |

Brought forward Rs 1640

vi. Encircling a surplus channel from the weir Rs 160

Due to the hump sum provision made in the original estimate being found inadequate.

vii. Constructing a cistern to Semimadai Rs 85

Due to omission in the original estimate.

Total Excess Rs 1865

4. The plans and estimates are said to have been approved by the District Board in their Resolution No. 39 dated 16 May 1892, but they have not been countersigned by the President.

5. The rates are fair and the estimate is recommended for sanction.

I have the honor to be

Sir,

Yours most obedient Servant.

Al Smith L. J. Ob. R. R.

Superintending Engineer
W. Birch

P. W. CURRENT No. 6636

P. W. D. 6th CIRCLE.

From
The Superintending Engineer,
6th Circle.

To
THE CHIEF ENGINEER,
PUBLIC WORKS DEPARTMENT.

No. 286ms

Dated 24 June 1892
Received

Enclosures. 11
(15 plan)

Submits for sanction a
revised estimate Rs 6035
for improving Naloot
Zanka attached to Narikudi
Chutram, Madurai D.

E.S. office note.

No. 2445 dated July 1892

To E.S. R139

You favour of
remains whether you
see any objection to
the estimate being
sanctioned.

S
E.S.
87

24/7/92

Please see Office
note by E.S. with
lengthen to throw
in red ink.

24/7/92

The estimate does provide
for a 1 1/2' thick layer
apron to the
may be in for further

over
1374

E.S. Office
P. W. D. No. 6636

E.W. memo No. 5455 to

E.W. wants to know whether
you have any objection to the
accompanying note for
Naloot Zanka being sanctioned.

It is attached to a Chutram
as the work has been
by E.S. Engineer - Madurai
by E.S. 6th Circle.

I note the following points
according to statement of
detail the estimate area
is 5.00 m but by

the figures given in the sketch &
Map. the total catchment area
free 2.9 m combined 7 m

calculating by D.C.M. - 5 m
C = 550 - C = 110
D = 1692 against 1043 of

an second provision for 6 ft
cost of work would suffice

The extension of the wall
a rough stone clay
if there is backing or
grouting there or plain
grouting is there in cost

as the as usual
assumption in the
formula the - 5 ft
Class -

As the nature of the
soil & sub soil is
not stated, the sufficiency
of the apron cannot
be judged - but it would

probably be better, an
 allowing of one of these
 stone, & a thickness
 of 1' 6", the full 6' of
 gravel or burning rubble
 under the road stone -
 I don't think that would show
 a body of water discharging
 2' deep with 2' drop
 it ought to be more solid

Now again, the nature of the soil on which the
 work is to be founded
 is not given - probably a
 thickness of 2' 6" uniform
 over whole foundation
 platform would be better
 The concrete under the tank
 of the sluice is only 2' thick
 tank 16' high
 part of the tank is only
 2' 6" above M.W.L. though
 it is 7' thick I don't think
 it is high enough for such
 large tank 16' high

① This is where the water
 opposite the bank is deep
 & narrow & no current
 never a man could cross
 the top width is 2' 6" & 2'
 it will probably be
 sufficient if made &
 kept to the full height
 proposed - though it is
 narrow it will serve

J. J.
 11/7/92

11/7/92

No 2088 W. 727 July 1892

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

2088
 6

Read the following

From the S.E. VI circle No. 286 M.D. of 24. 6. 92
 office Note from the Chief Engr for Irrig. No. 201 d/j 7 92

The revised estimate
 amounting to Rs. 6835.
 for improving the
 Nalor tank attached
 to the Narikudi Chutram
 in the Madura District,
 is sanctioned.

2. This sanction has been
 registered as local
 No. 20 W of 1892-93

MS
 23 July

The S.E. VI circle

local and Mump. Dept
 with plans & estimate (11)

15 July
 S. (15)
 20/92

C No 6636

Govt. of 1892 Madras.
PUBLIC WORKS.

3/11/92

Drawn

Recd.

Encl.

G.O. 27 July 1892 No. 2088. 2/4

Naloor tank

Revised estimate of Rs 6835
for improving the
attached to the Marikudi
Chetturam in the Madurai
District, sanctioned

⑦

70
4

3/29/7

20.29/7