

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 1113 (W)	Press <u>Mis</u>
Dated 4-4-	1877.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
4th April 1877. No. 1,113.*

No. 32. Read the following Proceedings of the Madras Government in the Financial Department, dated 28th March 1877, No 1,088 —

Read the following Proceedings of Government in the Public Works Department, to the Chief Secretary to Government, dated 20th March 1877, No 760 —

TRANSFERRING letter from the District Engineer, Presidency, submitting report on the results of the opening of the Cooum Bar

THERE are no funds available under "Provincial Services" for this work during the current year. If, however, the precise amount needed is made known at an early date, an allotment will be made from the Budget provision for 1877-78.

(True Extract.)

(Signed) J. STURROCK,
Under Secretary.

No. 33. ORDER THEREON, 4th April 1877, No. 1,113.

CIVIL WORKS, No 4.

COMMUNICATED to the District Engineer, Presidency.

(True Extract.)

(Signed) W. FAREWELL, Colonel,
Acting Joint Secy. to Govt, P.W.D.,
Buildings and Roads Branch

To the District Engineer, Presidency
,, Examiner of Public Works Accounts

Exd. E. C. Shunker
Spare Copies

By District Engineer Read

No. 6410

12 March 1877

38

From,

The District Engineer,
Presidency

To,

The Chief Engineer
Buildings & Roads

Sir,

With reference to your memo No. 576
of 5 March 1877, I have the honor to
submit an original report from Lt
Buddley B.E. Asst. Engineer Fort Ramse
on the results of the opening of the loom
bar, giving the levels as taken daily
together with a bill of its total cost
vizt. Rs 1799. 6. 0 -

I have the

Sd/ R. P. Thompson M.A. B.E.
District Engineer
Presidency

(True copy)


District Engineer Pres.

Enc.
1. Report
1. Levels
1. Bill ..

Bill of Expense for cutting the Cozum Bar.

54

10777
112111

1 Re. 18.00

Labor			
16/5 N	Bank Digger man	" 8. E.	822 8.
1513 "	" " " "	" 1. "	378 1.
307 "	" " " "	" 2. "	38 6.
1267 "	" " " "Comp	" 1. "	316 12.
1187 "	" " " "	" 2. "	185 14.
80 "	" " " "	" 1. "	5 .
21 "	Comicochy	1 8. "	31 8.
6 "	" " " "	" 12. "	1 8.
12 "	Maistry	1 . "	12 .
2 "	" " " "	" 8. "	1 .
			1795 12.
Materials			
21 N	Empty Bottles	" . 1 E.	" 8.
12 "	Soda water Bottles	" 2 6.	1 14.
7 "	Boxes of matches	" . 6 .	" 3 6
2 1/2 "	Lamp oil	" 7 9 "	" 15 6
2 1/2 lbs	Cotton thread	" 15 6 .	" 1 .
			3 10.
Total Paper			1799 6.

Fort Saint George.
9 March 1874.

H. C. Baddley Lieut. R.E.
Assistant Engineer
Fort Range

1 Signed Peter Thompson Major R.E.
District Engineer Puz.

1 True copy
P. Thompson Major R.E.
District Engineer Puz.

Camp CV
19.3.77.

404 April 11 1874 32

Register of the heights of water in the River Cooum at the Mullajab Bridge

74
4

1877			
February	17	19 98 19 98	at 6 A.M. at 1 P.M.
	18	19 96 19 95	at 6 A.M. at 1 P.M.
	19	19 95 19 95	at 6 A.M. at 1 P.M.
	20	19 91 19 91	at 6 A.M. at 1 P.M.
	21	19 91 19 89	at 6 A.M. at 1 P.M.
	22	19 88 19 86	at 6 A.M. at 1 P.M.
	23	19 86 19 86	at 6 A.M. at 1 P.M.
	24	19 85 19 85	at 6 A.M. at 1 P.M.
	25	19 85 19 79	at 6 A.M. at 1 P.M.
	26	19 79 19 79	at 6 A.M. at 1 P.M.
	27	19 78 19 75	at 6 A.M. at 1 P.M.
	28	19 71 19 69 19 70	at 6 A.M. at 1 P.M. at 11 P.M.
March	1	19 67 19 66	at 6 A.M. at 2 P.M.
	2	19 68 19 68	at 6 A.M. at 1 P.M.
	3	19 72 19 72	at 6 A.M. at 1 P.M.
	4	19 77 19 78	at 6 A.M. at 1 P.M.
	5	19 81 19 81	at 6 A.M. at 1 P.M.
	6	19 82 19 83 19 83	at 6 A.M. at 1 P.M. at 1 P.M.
	7	19 82 19 80 19 82	at 6 A.M. at 1.30 P.M. at 1 P.M.
	8	19 81 19 80	at 6 A.M. at 1 P.M.

There looks there a steady fall

Water let out of Cooum on night of 27th
Water let out of Cooum in the Morn^g.
Sea let in in the even^g.
Water let out of Cooum in the even^g.

Sea let in in the morning
River not commencing to run out.
Sea let in in the evening.
Sea let in M & E.

Do Do

Do Do

Do Do

Do Do

Do Do
Sea coming in.
Work stopped.

Report on opening the Cooum Bar

In accordance with G.O. No. 653 of 26th February 1877. the Bar was cut in the night of the 27th ultimo and the Cooum water allowed to run out till about 5 P.M. when the bar gradually reclosed. In the morning of the 28th ultimo the Bar was again cut and the Cooum allowed to run out.

In the evening of the same day the Sea was allowed to come in for the first time and in the night or early morning of the 1st instant the Cooum was again let out. The level of the Cooum at the commencement of operations on the 27th was 19 75 feet at 11 P.M. on the night of the 28th 19 70. In the morning of the 1st the bar was again opened and the Sea allowed to come in in the afternoon. The power was allowed to run out in the evening. The Sea was let in again to run out in the evening. The Sea was let in again to run out in the evening.

On the 2nd instant in accordance with orders the Sea was let in, 2 inch high tide but the power was not allowed to run out, this was continued up to noon yesterday the 4th instant when the Sea came in for the first time and work was stopped in accordance with orders.

memo

Port Capt George
9th March 1877.

H. W. Baddley, Lieut. R.E.
Sigsbee Ross Thompson Engineer Assistant Engineer
District Engineer, P.W.D.
(True Copy)
R. Thompson, Major R.E.
District Engineer, P.W.D.

memo N^o 6296 of 6 March 1877 from the District Engineer at S. No. the level of the Coom was 19.82 showing a rise of .07' since 11 S. No on the 27th inst, a rise of .12' since 11 S. No on the 28th inst. From the 3rd instant, two cuts were commenced and on the 4th 5th & 6th instant, a marked improvement was obtained but on the 7th there was a slight falling off due probably to lackiness of the tide.

The average quantity of sand thrown up by one tide in a single cut 50 feet wide by 20 feet deep is about 500 cubic yards.

A list of levels is attached.

Post Paid Encl. 3
9th March 1877.
District Engineer

Signed Ross Thompson Major R.E.
District Engineer Presy.

(True copy)
Ross Thompson Major R.E.
District Engineer Presy.

District Engineer Presy

Financial Department.

PROCEEDINGS of the MADRAS GOVERNMENT.

Read the following letter
Public Works Department
to the Chief Secretary to Government, dated 20th March 1877. N^o 760

Transferring letter from the District Engineer Presidency submitting report on the results of the opening of the Coom Bar.

Order thereon 28 March 1877. N^o 1088

There are no funds available under "Provincial Services" for this work during the current year. If however the precise amount needed is made known at an early date, an allotment will be made from the Budget provision for 1877-78.

(True Extract)
J. Munnell
Under Secretary.

The Public Works Department
with bill &c

Ch 19-3-77 No 743
 90 20-3-275 Mio
 26-2-653
 Ch 5-3-576
 20-4-760

291577
 3339
 No.

Financial Department

Dated 28 March 1877

Encl: 1

Nos.

Govt of 187 - 374135

Appl
 No 1113 24 March
 communicated
 to the P. & L. Presidency

W.H.
 30-3-77

Desd 4-4-77
 Resp. ~~to the~~ ~~to the~~
 P. & L. Presidency
 U. P. & A. S.
 Desd 5-4-77

40 4-4-77 Bk. 32

2339
SOLIT. of 1877. *1/13*
PUBLIC WORKS.

To

Dated

Issued

Recd

Encl

Nos. 31-32

Coum Bay. - Progo
Financia *regarding*
the provision of funds
for opening the
Comm. to the D. Supr
Presidency.

1/13
0-4