

(1) Number of pages 16
(2) Date of repair 17/11/86
(3) Initials of the Referencer CAV

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

DEPARTMENT

G.O. No.	1327(W)	Press.
B.P. No.		Mis.
Dated	9-5-1879 ~~19~~ .	

Not to be folded or roughly handled

Curry

1327
1

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

9th May 1879, No. 1,327 W.

Buildings and Roads.
Civil Works.

Read the following paper :—

No. 51. From Major L. CONWAY-GORDON, R.E., Examiner of Public Works Accounts, to the Secretary to Government, Public Works Department, Buildings and Roads Branch, dated Chepak, 22nd April 1879, No. 9 B.

I HAVE the honor to forward herewith a statement prepared from the books of this office showing the outlay incurred on "Madras Harbour Works" to end of February 1879 as compared with the items of estimate.

2. The statement corresponds with that printed with G.O., No. 865 W, dated the 22nd March 1879.

BUILDINGS AND ROADS.
STATEMENT of Outlay on Madras Harbour Works up to end of February 1879 as per Accounts received in this Office.

Sub-heads of Estimate.	Amount of Estimate.	Cost up to end of February 1879.	More than Estimate.	Less than Estimate.	Remarks by the Superintendent, Madras Harbour Works.	Remarks by the Examiner.
PRELIMINARY WORKS.						
1. Detailed survey ...	5,000	4,031 2 6	6,039 4 8	...	Items 1 and 2.—Charges for periodical surveys of cost, hire, &c., are classed under "Establishment."	Should be so charged.
2. Marine survey ...	1,50,000	6,408 2 2	...	...	Item 5.—At present the South Pier block ground is charged against "Contingencies" pending discussion with the Examiner, Public Works Accounts, vide G.O., No. 608 W, dated 27th February 1879.	Remark not understood, as the proposal to transfer Rupees 6,106 to "Contingencies" on this account has not yet been carried out by the Superintendent. The transfer is objected to for reasons assigned in paragraph 9 of my letter No. 1 W of 5th April 1879.
3. Forming railways ...	10,000	2,47,121 14 5	...	...	Item 7.—This is the only preliminary work not yet closed.	
4. Opening quarries ...	35,000	2,432 14 8	...	...		
5. Preparing block ground ...	45,000	51,139 1 9	...	...		
6. Rubble stone jetty ...		1,922 2 10	...	...		
7. Buildings ...	75,000	62,189 7 6	...	...		
8. Land ...	30,000	1,220 6 4	...	...		
CONSTRUCTION OF NORTH PIER.						
9. Rubble stone jetty ...	7,19,860	3,73,936 12 1	...	...	Item 9 includes cost of rubble base tipped 600 feet in advance of work.	
10. Concrete block setting from 2½ to 4 fathoms ...	3,05,500	57,081 9 9	...	...	Item 10.—The arrangement of the expenditure on block making and block setting will also be discussed with the Examiner of Public Works Accounts, vide G.O., No. 608 W, dated 27th February 1879.	The proposal to close the preliminary account for "Railways" and "Plant" and divide all subsequent charges on these two accounts among the works served by them is objected to by this office for reasons assigned in paragraphs 1 to 8 of Examiner's letter quoted above.
11. Light-house ...	30,000	...	...	...		
12. Extra rubble ...	1,00,000	1,770 5 10	...	...		

CONSTRUCTION OF SOUTH PIER.						
13. Rubble stone deposits ...	7,19,860	1,97,401 2 5	...	...	Item 13 includes base tipped about 640 feet in advance.	Do. do.
14. Concrete block setting from 2½ to 4 fathoms ...	3,06,500	37,013 3 2	...	...	Item 14.—See above ...	Do. do.
15. Light-house ...	30,000	...	...	...		
16. Extra rubble ...	1,00,000	...	...	...		
17. Concrete block making for North and South Piers ...	20,01,000	5,93,635 11 3	...	...	Item 17.—See above ...	Do. do.
18. Contingencies at 5 per cent. on total estimate ...	2,45,690	29,778 11 9	...	...		
19. Protecting north beach ...		25,108 0 6	...	...		
20. Establishment ...	2,45,690	1,53,890 3 1	...	...		
PLANT.						
21. Locomotive engines ...	60,000	44,401 3 8	...	...		
22. Rolling stock ...	35,000	20,034 11 10	...	...		
23. Hoisting plant ...	1,45,000	1,43,534 8 3	...	...		
24. Engines, cranes, concrete machines, &c. ...	1,25,000	2,67,363 14 2	...	...		
25. Quarry and general tools ...	50,000	32,778 6 3	...	...		
26. Buoys and beacons ...	3,000	716 10 9	...	...		
27. Office furniture ...	2,000	4,029 14 9	...	...		
28. Maintenance during construction ...	2,45,690	...	...	...		
Total ...	58,50,790	23,99,582 5 8	2,47,557 0 0	36,98,764 10 4		
Stock ...	...	74,594 0 1	74,594 0 1	...		
Grand Total ...	58,50,790	24,74,176 5 9	3,22,151 0 1	36,98,764 10 4		

(Signed) L. CONWAY-GORDON, Major, R.E.,
Examiner of Public Works Accounts.1327
2

4

PUBLIC WORKS DEPARTMENT, 9TH MAY 1879, No. 1,327 W.

No. 52.

ORDER THEREON, 9th May 1879, No. 1,327 W.

ORDERED to be recorded.

(True Extract.)

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

To the Superintendent, Madras Harbour Works.
" Examiner of Public Works Accounts.

Ed. E. C. Shunker.
Spare Copies

1327.
3

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1879 Madras.
PUBLIC WORKS.

To

THE SUPERINTENDENT,
MADRAS HARBOUR WORKS,
&c. &c. &c.

Dated May 9th.

Issued

Recd.

Encl.

G. O., 9th May 1879, No. 1,327 W.

MAY.

Nos. 51-52.

Madras Harbour Works.—Statement of
outlay to end of February 1879 on the — ,
recorded.

81
1327
49
FROM THE EXAMINER, P. W. ACCOUNTS,
MADRAS.

TO THE JOINT SECRETARY TO GOVERNMENT,
PUBLIC WORKS DEPARTMENT,

BUILDINGS & ROADS BRANCH.

NO. G. O.

CHEPAK, 22ND APRIL 1879.

SIR,

I HAVE THE HONOR TO FORWARD HEREBY A STATEMENT PRE-
PARED FROM THE BOOKS OF THIS OFFICE SHOWING THE OUTLAY IN-
CURRED ON 'MADRAS HARBOR WORKS' TO END OF FEBRUARY 1879,
AS COMPARED WITH THE ITEMS OF ESTIMATE.

THE STATEMENT CORRESPONDS WITH THAT PRINTED WITH
G. O. NO. 500 W. DATED THE 22ND MARCH 1879.

I HAVE THE HONOR TO BE,

SIR,

YOUR MOST OBEIENT SERVANT,

Lowrey-Cordon

EXAMINER, P. W. ACCOUNTS & MAJOR P. S.

1327
5

Miss J. D. M. 287 N. 24-1-79
J. D. M. 287 N. 22-3-79-

FROM THE EXAMINER, P. W. ACCOUNTS,

MADRAS.

TO THE JOINT SECY. TO GOVT. P. W. D.

BLOCS. 1 NOS. ARCH.

Secy 9-5-79 N. 1827 N

NO. 9. 9.

DATED 10. APRIL 1879.

RECD.

ENCLOSURE I.

SUBMITTING A STATEMENT OF OUT-
LAY ON 'MADRAS HARBOR WORKS' TO THE
JOINT SECY. TO GOVT. P. W. D.

Cir 5.5.79. Retd 7.5.79.
To Secy 3-5-

Min. No. 287 V-24-1-99
 60/100

Statement of Outlay on Madras Harbour Works up to 1st February 1879 as per accounts received in this Office

Subheads of Estimate	Amalgamated Estimate	Cost up to 1st February 1879	More than Estimate	Less than Estimate	Remarks	Suppl. Remarks by the Examiner
<u>Preliminary Works</u>						
1 Detailed Survey		4631 2 6			Items 1 and 2	greater
2 Marine Survey	5000	6408 2 2	6039 4 8		periodical cost here 4c	is of
3 Surveying Instruments	150,000	2471 21 14 5	97121 14 5			laced
4 Opening Quarries	10000	2432 14 8		7337 1 4	under Estab.	ment
5 Preparing black ground	65000	51139 1 9		13860 14 3	Item 5. The	count
6 Rubble Stone fillies	45000	1922 2 10		430 77 13 2	the South Pier	the
7 Buildings	75000	62189 7 6		12810 8 6	ground is the	ed again
8 Land	30000	1220 6 4		28779 9 8	at Contingency	pend. The 6106 to Contingency
<u>Construction of North Pier</u>						
9 Rubble Stone Deposits	7198 60	373966 12 1		345393 3 11	ing disburse	with this account has not been
10 Concrete Block setting from 2 to 4 fathoms	306500	67681 9 9		238818 6 3	The Examiner's Works Account	been carried out by the Superintendent
11 Light House	30000			30000	No 608 W. dated 27th	The transfer is objected to for reasons assigned in para 9 of my letter No 1 W of 5th April 1879
12 Extra Rubble	100,000	1770 5 10		98229 10 2	February 1879	
<u>Construction of South Pier</u>						
13 Rubble Stone Deposits	7198 60	177001 7 5		522250 13 7	Item 7. The	in the
14 Concrete Block setting from 2 to 4 fathoms	306500	37013 3 2		269286 12 10	only part of work not yet done	many
15 Light House	30000			30000	Cost of	bold
16 Extra Rubble	100,000			100000	Item 8. The	ides
17 Concrete Block making for North and South Piers	200,000	573535 11 3		1407362 4 9	Item 10. The	in
18 Contingencies at 5 per cent on total Estimate	245690	29778 11 9		192200 3 9	Item 11. The	work
19 Protecting North beach		25108 6			Block setting	many
20 Establishment	245690	183300 3 1		62337 12 11	has discussed with the Examiner's Works Account	to these reasons assigned in paras 1 to 8 of Examiner's letter W quoted above
<u>Plant</u>						
21 Locomotive Engines	60000	44401 3 8		15598 12 4	Item 13. Includes base, tipped at 640	
22 Rolling Stock	35000	20034 11 10		14465 4 2	Item 14. See above	Do
23 Floating Plant	145000	143534 8 3		1465 7 9	Item 17. See above	Do
24 Engines cranes concrete machines &c	125000	267365 14 2	142365 14 2			
25 Quarry and general Tools	50000	32778 6 3		17221 9 9		
26 Buoys and Beacons	3000	716 10 9		2283 5 3		
27 Office furniture	2000	4029 14 9	2029 14 9			
28 Maintenance during Construction	245690			245690		
Total	5850790	2599592 5 8	247557	3698764 10 4		
Stock		74594 1	74594 1			
Grand Total	5850790	2674176 5 9	322151	3698764 10 4		

Howay-Jordon
 Examiner P. W. Accounts to Major R. C. 25/1

Is Only 3-5-

1327 W 22/2
P. W. D.
B.R.
Dworkin
Pro: of the Madras Government
Under date the 9th May/79
Read the following

From
The Examiner P. W. Aceto: (H.C. No. 9 B of 22nd April/79)

Ordered to be
recorded.

L
65
W.H.

5/5/79

Supt. M. H. Walker
Res. P. W. Aceto: ✓
Desp 21-5-79

1327
8

Cur 5.5.79. Retd 7.5.79.
In Doty 8-5.

Cm 3421
Sect. of (1879) Madras.
PUBLIC WORKS.

To

Dated

Issued

Recd.

Encl.

G. V. G. May 1879, No. 1327W

Nos. 51-52

Madras Harbour Works
Statement of outlay to end
of Feb 1879 as the
Recorded.