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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P. W. DEPARTMENT

G.O. No.	1721-W	Press.
B.P. No.		Mis.
Dated	27.6.1879	1979.

Not to be folded or roughly handled

20.8

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

27th June 1879, No. 1,721 W.

Buildings and Roads.
Civil Works.

Read the following papers:—

No. 131. From Major L. CONWAY-GORDON, R.E., Examiner of Public Works Accounts, to the Joint Secretary to Government, Public Works Department, Buildings and Roads Branch, dated Chepauk, 16th June 1879, No. 17 B.

I HAVE the honor to forward, herewith, a statement prepared from the books of this office showing the outlay incurred on the Madras Harbour Works to end of March 1879.

2. The alterations effected in the statement printed with G.O., No. 1,349 W., dated 12th May 1879, not having been carried out in the accounts submitted to this office, the Superintendent of the Harbour Works has now been called upon to carry out those alterations in his Supplemental Accounts for March 1879.

STATEMENT of Outlay on the Madras Harbour Works to end of March 1879.

Items of Estimate.	Amount of Estimate.	Outlay to end of March 1879.	More than Estimate.	Less than Estimate.
<i>Preliminary Works.</i>				
	RS.	RS. A. P.	RS. A. P.	RS. A. P.
Detailed survey ...	5,000	4,631 2 6	6,039 4 8	...
Marine survey ...	...	6,408 2 2	...	...
Forming railways ...	1,50,000	2,47,121 14 5	97,121 14 5	...
Opening quarries ...	10,000	2,432 14 8	...	7,567 1 4
Repairing block ground ...	65,000	51,139 1 9	...	13,860 14 3
Rubble stone jetties ...	45,000	1,922 2 10	...	43,077 13 2
Buildings ...	75,000	62,189 7 6	...	12,810 8 6
Land ...	30,000	1,220 6 4	...	28,779 9 8
<i>Construction of North Pier.</i>				
Rubble stone deposits ...	7,19,860	4,01,466 14 2	...	3,18,393 1 10
Concrete block setting 2½ to 4 fathoms.	3,06,500	73,171 6 11	...	2,33,328 9 1
Light-house ...	30,000	...	...	30,000 0 0
Extra rubble ...	1,00,000	1,770 5 10	...	98,229 10 2
<i>Construction of South Pier.</i>				
Rubble stone deposits ...	7,19,860	2,19,232 1 4	...	5,00,577 14 8
Concrete block setting 2½ to 4 fathoms.	3,06,500	42,252 3 9	...	2,64,247 12 3
Light-house ...	30,000	...	...	30,000 0 0
Extra rubble ...	1,00,000	...	...	1,00,000 0 0

STATEMENT of Outlay on the Madras Harbour Works to end of March 1879—*cont.*

Items of Estimate.	Amount of Estimate.	Outlay to end of March 1879.	More than Estimate.	Less than Estimate.
	RS.	RS. A. P.	RS. A. P.	RS. A. P.
<i>Construction of South Pier—cont.</i>				
Concrete blockmaking for north and south piers.	20,01,000	6,33,442 3 1	...	13,67,557 12 11
Contingencies at 5 per cent. on total estimate.	2,45,690	44,990 0 4	...	1,74,561 6 2
Protecting north beach Establishment ...	2,45,690	26,138 9 6	...	58,570 9 5
<i>Plant.</i>				
Locomotive engines ...	60,000	44,401 3 8	...	15,598 12 4
Rolling-stock ...	35,000	20,034 11 10	...	14,965 4 2
Floating plant ...	1,45,000	1,43,534 8 3	...	1,465 7 9
Engines, cranes, concrete machines.	1,25,000	2,67,365 14 2	1,42,365 14 2	...
Quarry and general tools ...	50,000	32,778 6 3	...	17,221 9 9
Buoys and beacons ...	3,000	716 10 9	...	2,283 5 3
Office furniture ...	2,000	4,029 14 9	2,029 14 9	...
Maintenance during construction.	2,45,690	...	...	2,45,690 0 0
Total ...	58,50,790	25,19,559 13 4	2,47,557 0 0	35,78,787 2 8
Stock ...	...	93,262 6 5	93,262 6 5	...
Grand Total ...	58,50,790	26,12,822 3 9	3,40,819 6 5	35,78,787 2 8

(Signed) H. LE M. CAREY, Captain,
for Examiner of Public Works Accounts.

No. 131-A. From the same Officer, dated Chepauk, 19th June 1879, No. 18 B.

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

2. The statement printed with G.O., No. 1,509 W., dated 2nd June 1879, does not correspond with the accounts as rendered to this office.

BUILDINGS AND ROADS.

STATEMENT of Outlay on Madras Harbour Works up to end of April 1879, as per Accounts received in this Office.

Sub-heads of Estimate.	Amount of Estimate.	Outlay up to the end of April 1879.	More than Estimate.	Less than Estimate.
	RS.	RS. A. P.	RS. A. P.	RS. A. P.
<i>Preliminary Works.</i>				
Detailed survey ...	5,000	4,631 2 6	6,039 4 8	...
Marine survey ...	...	6,408 2 2	...	...
Forming railway ...	1,50,000	2,47,121 14 5	97,121 14 5	...
Opening quarries ...	10,000	2,432 14 8	...	7,567 1 4
Preparing block ground ...	65,000	51,139 1 9	...	13,860 14 3
Rubble stone jetties ...	45,000	1,922 2 10	...	43,077 13 2
Buildings ...	75,000	62,189 7 6	...	12,810 8 6
Land ...	30,000	1,220 6 4	...	28,779 9 8

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2STATEMENT of Outlay on Madras Harbour Works up to end of April 1879, as per Accounts received in this Office—*cont.*

Sub-heads of Estimate.	Amount of Estimate.	Outlay up to the end of April 1879.	More than Estimate.	Less than Estimate.
	RS.	RS. A. P.	RS. A. P.	RS. A. P.
<i>Construction of North Pier.</i>				
Rubble stone deposits ...	7,19,860	4,33,995 3 6	...	2,85,864 12 6
Concrete block setting ...	3,06,500	75,636 2 6	...	2,30,863 13 6
Light-house ...	30,000	...	...	30,000 0 0
Extra rubble ..	1,00,000	1,770 5 10	...	98,229 10 2
<i>Construction of South Pier.</i>				
Rubble stone deposits ...	7,19,860	2,40,723 9 1	...	4,79,136 6 11
Concrete block setting ...	3,06,500	45,429 5 8	...	2,61,070 10 4
Light-house ...	30,000	...	...	30,000 0 0
Extra rubble ...	1,00,000	...	...	1,00,000 0 0
Concrete blockmaking for north and south piers.	20,01,000	6,61,104 11 10	...	13,39,895 4 2
Contingencies at 5 per cent. on total estimate.	2,45,690	45,625 9 11	...	1,71,170 11 8
Protecting north beach Establishment ...	2,45,690	28,893 10 5	...	54,875 12 4
<i>Plant.</i>				
Locomotive engines ...	60,000	44,401 3 8	...	15,598 12 4
Rolling-stock ...	35,000	20,034 11 10	...	14,965 4 2
Floating plant ...	1,45,000	1,43,534 8 3	...	1,465 7 9
Engines, cranes, concrete machines, &c.	1,25,000	2,67,365 14 2	1,42,365 14 2	...
Quarry and General Tools ...	50,000	32,778 6 3	...	17,221 9 9
Buoys and beacons ...	3,000	716 10 9	...	2,283 5 3
Office furniture ...	2,000	4,029 14 9	2,029 14 9	...
Maintenance during construction.	2,45,690	...	...	2,45,690 0 0
Total ...	58,50,790	26,13,919 8 3	2,47,557 0 0	34,84,427 7 9
Stock ...	...	1,05,195 14 1	1,05,195 14 1	...
Grand Total ...	58,50,790	27,19,115 6 4	3,52,752 14 1	34,84,427 7 9

(Signed) H. LE M. CAREY, Captain,
for Examiner of Public Works Accounts.

No. 132. ORDER THEREON, 27th June 1879, No. 1,721 W.

ORDERED to be recorded.

2. The attention of the Superintendent, Madras Harbour Works, will be called to paragraph 2 of the Examiner's letters above recorded.

(True Extract.)

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

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

Ed. C. Howarth.

Spate Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1879) Madras.
PUBLIC WORKS.

THE SUPERINTENDENT,
MADRAS HARBOUR WORKS.

&c. &c. &c.

Dated June 27th.

Encl.

Recd.

Encl.

G. O. 27th June 1879, No. 1,721 W.

JUNE

Nos. 131-132

Madras Harbour Works.—Statements
showing outlay on the — up to end of
March and April 1879, recorded with
remark.

FROM THE EXAMINER, P. W. ACCOUNTS,

MADRAS.

TO THE JOINT SECRETARY TO GOVERNMENT,

PUBLIC WORKS DEPARTMENT,

BUILDINGS AND ROADS BRANCH.

NO. 17.B.

CHEPAK, 16TH. JUNE 1879.

SIR

I HAVE THE HONOR TO FORWARD HERewith A STATEMENT PRE-
PARED FROM THE BOOKS OF THIS OFFICE SHEWING THE OUTLAY IN-
CURRED ON THE MADRAS HARBOR WORKS TO END OF MARCH 1879.

2. THE ALTERATIONS EFFECTED IN THE STATEMENT PRINTED
WITH G. O. NO. 1249. W. DATED 12TH. MAY 1879 NOT HAVING BEEN
CARRIED OUT IN THE ACCOUNTS SUBMITTED TO THIS OFFICE, THE
SUPERINTENDENT OF THE HARBOR WORKS HAS NOW BEEN CALLED UPON
TO CARRY OUT THOSE ALTERATIONS IN HIS SUPPLEMENTAL AC-
COUNTS FOR MARCH 1879.

I HAVE THE HONOR TO BE,

SIR,

YOUR MOST OBEDIENT SERVANT.

H. H. H.

FOR EXAMINER, P. W. ACCOUNTS

2.6.79 401509 W

FROM THE EXAMINER, P.W. ACCOUNTS,

MADRAS.

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

BLDGs. & RDS. BRANCH.

NO. 17. B.

P. 12
P. 927-b-1721 2m

DATED 16 JUNE 1879.

RECD.

ENCLOSURE I.

SUBMITTING A STATEMENT OF OUT-
LAY ON THE MADRAS HARBOR WORKS TO
END OF MARCH 1879.

131

1724/4

Concrete block setting 2

Construct

Rubble stone deposits

Concrete Footing

Conferences at St. C. on total Estimate

Protecting both beach

Erstabschnitt.

Plant

Locomotive League
Feb. 1871

Nothing Stock
Footing Plant

Enquies, Enquies,

Library and General

Office furniture.
Industrielle d'ameublement.

Atkins

1721
5 23

FROM THE EXAMINER, P. W. ACCOUNTS,

MADRAS.

TO THE JOINT SECRETARY TO GOVERNMENT,

PUBLIC WORKS DEPARTMENT,

BUILDINGS AND ROADS BRANCH.

NO. 18. B.

CHEPAK, 19TH. JUNE 1879.

SIR,

I HAVE THE HONOR TO FORWARD HERewith A STATEMENT PREPARED FROM THE BOOKS OF THIS OFFICE SHEWING THE OUTLAY INCURRED ON THE MADRAS HARBOR WORKS TO END OF APRIL 1879, AS COMPARED WITH THE ITEMS OF ESTIMATE.

2. THE STATEMENT PRINTED WITH G. O. NO. 1509. W. DATED 2ND. JUNE 1879 DOES NOT CORRESPOND WITH THE ACCOUNTS AS RENDERED TO THIS OFFICE.

I HAVE THE HONOR TO BE,

SIR,

YOUR MOST OBEDIENT SERVANT,

H. S. S. S.

FOR EXAMINER, P. W. ACCOUNTS & MAJOR R. E.

En. in B. No 131 927-6-77

FROM THE EXAMINER, P. W. ACCOUNTS,

MADRAS,

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

BLDG. & RDS. BRANCH.

Recd 27-6-79 No 17218

NO. 18. B.

DATED 19TH. JUNE 1879.

RECD.

ENCLOSURE I.

SUBMITS A STATEMENT OF OUTLAY ON
THE MADRAS HARBOR WORKS TO END OF
APRIL 1879.

131A

Buildings and Roads.

Statement of Outlay on Madras Harbor works up to end of April 1879 as per Accounts received in this Office.

Sub heads of Estimate

Amount of Estimate	Outlay up to the end of April 1879.	More than Estimate	Less than Estimate
Detailed Survey			
Marine Survey	5000	4631 2 6	6039 4 8
Forming Railway	15000	24712 1 14 5	97121 14 5
Opening Quarries	10000	2432 14 8	7567 1 4
Preparing block ground	65000	51139 1 9	13860 14 3
Rubble stone Jetties	45000	1922 2 10	13077 13 2
Buildings	75000	62189 7 6	12810 8 6
Land	30000	1220 6 4	28779 9 8
Rubble stone Deposits			
Concrete block setting	719860	433995 3 6	285864 12 6
Light House	306500	75636 2 6	236863 13 6
Extra Rubble	30000		30000
	100000	1770 5 10	98229 10 2
Rubble stone Deposits			
Concrete block setting	719860	240723 9 1	479136 6 11
Light House	306500	45429 5 8	261070 10 4
Extra Rubble	30000		30000
	100000		100000
Concrete block making for North and South Piers			
Contingencies at 5 per cent on total Estimate	2001000	66104 11 10	1339895 4 2
Protecting North beach	245690	45625 9 11	171170 11 8
Establishment	245690	28893 10 5	54875 12 4
Locomotive Engines			
Rolling Stock	60000	44401 3 8	15598 12 4
Flotting Plant	35000	20034 11 10	14965 4 2
Engines, cranes, concrete machines &c	145000	143534 8 3	1465 7 9
Quarry and General Tools	125000	267365 14 2	142365 14 2
Buoys and Beacons	50000	32778 6 3	17221 9 9
Office Furniture	3000	716 10 9	2283 5 3
Maintenance during construction	2000	4029 14 9	2029 14 9
	245690		245690
Total			
Stock	5850790	2613919 8 3	247557
		105195 14 1	105195 14 1
Grand Total	5850790	2719115 6 4	352752 14 1
			3084427 7 9

Attest

For Examiner P. H. Roberts

1721 B & R
9 cl works.

N^o 1721 W Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 27th June 1879

Read the following:—

From

The Examiners P.W. Accounts } A.C. N^o 17 B. d/16 June 1879
Madras }

Do ————— Do ————— } — Do ————— N^o 18 B. d/19 June 1879

Ordered to be
recorded.

The attention of the
Superintendent Madras
Harbor Works will be called
to para 2 of the Examiners
letters above recorded.

S 276

31/3

To The Sup^t Madras Harbor Works

" Examiners P.W. Accounts

Despatched 21
7-7-79

Chap 329

Govt. of 1879 Madras.
PUBLIC WORKS.

To

Dated

Issued

Recd.

Encl.

G. O., 27 June 1879, No. 1721

Nos. 131-132

Madras Harbour works
Statements showing progress
on the — up to end of
March 1879 & April 1879,
recorded with account