

(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.	2610	Press	<i>Original</i>
B.P. No.		Mis.	
Dated	10-19-1875	195	

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
10th September 1875.*

No. 252. Read the following letter from JAMES MAY, Esq., Superintendent, Madras Harbour Works, to Major-General G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Madras, 18th August 1875, No. 8:—

In accordance with the memorandum from the Officiating Chief Engineer, Public Works Department, No. 126, dated Ootacamund, 25th June last, I have the honor to enclose, for submission to the Honorable the Governor in Council, an estimate of the probable cost of the Madras Harbour Works.

2. The estimate is based generally on Mr. Parkes' original estimate, dated October 1873; and, in arranging the heads of the enclosed paper, I had the assistance of the Controller of Public Works Accounts.

3. The items of "Establishment" have been taken with the understanding that the works may be completed in five years. Should a shorter period be sufficient for completion those items will be proportionally reduced.

4. Of the five officers in the "Establishment," whose appointments have not been sanctioned by Government, I am informed that the European Concrete-maker has been, or is about to be, engaged by the India Office, and that his arrival here may be shortly expected. The European Mechanical Assistant, the European Foreman Diver the Native Storekeeper, and the Native Apothecary have not been provided for.

MADRAS HARBOUR.
Estimate of Works.

Number or Quantity.		Rate.	One year.	Five years.	Total.
	PRELIMINARY WORKS.		RS.	RS.	RS.
	Detailed Survey	...	...	5,000	
	Forming railways, including ma- terials, rails, chairs, sleepers, &c...	...	...	2,00,000	
	Opening quarries	...	...	10,000	
	Preparing block ground	...	...	90,000	
	Rubble stone Jetties	...	...	60,000	
	Land	...	...	45,000	3,65,000
	CONSTRUCTION OF PIERS.				
	<i>North Pier.</i>				
479,609	Tons—Rubble stone deposits in ap- proach and in foundation...	at Rs. 1-64 per.	...	7,87,000	
11,786	Cubic yards—Portland cement blocks built from 2½ to 4	at „ 14 per.	...	1,65,000	
90,211	„ Portland cement blocks built from 4 fathoms	at „ 14 per.	...	12,63,000	
	outwards	...	...	33,000	
	1 Lighthouse	...	...		22,48,000
	<i>South Pier.</i>				
479,909	Tons—Rubble stone deposits in ap- proach and in foundation...	at Rs. 1-64 per.	...	7,87,000	
11,786	Cubic yards—Portland cement blocks built from 2½ to 4	at „ 14 per.	...	1,65,000	
90,211	„ Portland cement blocks built from 4 fathoms	at „ 14 per.	...	12,63,000	
	outwards	...	...	33,000	
	1 Lighthouse	...	...		22,48,000
	Buildings	...	...	1,00,000	1,00,000

Proceedings of the Madras Government, Public Works Department,
10th September 1875.

Estimate of Works.—(Concluded.)

Number or Quantity.		Rate.	One year.	Five years.	Total.
	PLANT.		RS.	RS.	RS.
	Locomotive engines ...	...	...	75,000	
	Rolling stock ...	...	...	45,000	
	Floating plant ...	...	...	1,80,000	
	Engines, cranes, concrete machines, stone breakers, &c. ...	...	...	1,50,000	
	Quarry and general tools ...	...	...	65,000	
	Buoys and beacons ...	...	...	5,000	
	Office furniture ...	...	...	2,000	5,22,000
	ESTABLISHMENT.				
	Direction.				
	Engineer-in-Chief (G. O.) ...	...	5,000	25,000	
	Bonus (G. O.) ...	...	...	5,000	
	Engineering.				
	Superintendent of Works (G. O.) ...	...	15,000	75,000	
	Office Establishment (G. O.) ...	...	2,052	10,260	
	European Assistant (G. O.) ...	...	6,000	30,000	
	Office Establishment (G. O.) ...	...	1,092	5,460	
	European Mechanical Assistant ...	...	6,000	30,000	
	European Concrete-maker ...	...	4,800	24,000	
	European Foreman Diver ...	...	3,600	18,000	
	Native Sub-Engineer (G. O.) ...	...	3,600	18,000	
	Office Establishment (G. O.) ...	...	468	2,340	
	Native Superintendent of Quarries (G. O.) ...	...	2,400	12,000	
	Office Establishment (G. O.) ...	...	324	1,620	
	Store.				
	Native Storekeeper ...	...	4,200	21,000	
	Office Establishment ...	...	324	1,620	
	Medical.				
	Native Apothecary ...	...	1,800	9,000	
	Medicines ...	...	500	2,500	2,90,800
			57,160		
			2,000	10,000	
	Office contingencies, telegrams to and from England, postages, car- riage of parcels, &c. ...	...	10,000	50,000	60,000
	Travelling Allowances of Staff ...	...	...	2,16,439	2,16,439
	Maintenance during construction ...	...	...	...	60,95,239
	Total ...	...	...	...	3,04,761
	Contingencies at 5 per cent ...	...	...	...	64,00,000
	Total ...	...	...	...	

NOTE.—The items of Establishment marked (G. O.) have been sanctioned by the Madras Govt.

(Signed) JAMES MAY,
Superintendent, Madras Harbour.

MADRAS,
18th August 1875.

Proceedings of the Madras Government, Public Works Department,
10th September 1875.

No. 253. ORDER THEREON, 10th September 1875, No. 2,610.

CIVIL WORKS, No. 22.

THE Estimate for the Madras Harbour Works now submitted by Mr. May, and amounting to Rupees 64,00,000 as against a provisional sanction of £628,000, compares with Mr. Parkes' estimate of October 1873 as follows, viz. :—

	Mr. Parkes.	Mr. May.
	£.	RS.
Plant ...	80,000	5,22,000
Buildings ...		1,00,000
Preliminaries ...		3,65,000
		9,87,000
		45,000
Land ...	143,972	15,74,000
Rubble stone work ...	30,250	3,30,000
Concrete block work in 2½ to 4 fathoms ...	231,150	25,26,000
Concrete block work from 4 fathoms outward ...	6,000	66,000
Two Lighthouses ...	24,569	3,50,800
Establishments, &c. ...	49,137	5,21,200
Maintenance and Contingencies... Total ...	565,078	64,00,000

Copy of it will be transmitted to Mr. Parkes for his formal approval of the same, pending receipt of which the Controller will accept the document as his guide. Mr. Parkes has already sent out the European Concrete-maker, but has not signified his wishes regarding the European Mechanical Assistant or the Foreman Diver. They may be employed, with his sanction, when required. A Storekeeper and establishment may be entertained at a cost not exceeding that estimated for; and Mr. May will make his own arrangements for medical assistance and supplies, after consulting the officer in medical charge of the port. The item Travelling Allowances will be held to include the house-rent and Presidency allowances of such subordinates as may be considered entitled to the same, such as the native Sub-Engineer. Mr. Parkes, it is observed, has stated the European Concrete-maker to be entitled to free quarters.

(True Extract.)

(Signed) G. W. WALKER, Major-General, R.E.,
Secretary to Government.

To the Superintendent of Works, Madras Harbour.
" Controller of Public Works Accounts.
To Mr. Parkes.

Exd S. T. Austin.
Spare Copies

From

The Superintendent,
Madras Harbour Works,

To

The Secretary to Government,
Public Works Department,
Fort Saint George.

Sir,

In accordance with the Memorandum from the Officiating Chief Engineer, Public Works Department, No. 126, dated Colacaminid, 25th June last, I have the honor to enclose, for submission to the Honorable, the Governor in Council, an Estimate of the probable cost of the Madras Harbour Works. —

2. The Estimate is based generally on Mr. Parker's original Estimate, dated — October, 1873; and, in arranging the heads of the enclosed paper, I had the assistance of the Controller of Public Works Accounts. —

3. The items of "Establishment" have been taken with the understanding that

3820: July 1891-1892
Copy of Estimate for the Madras Harbour
prepared in October 1875

P. W. 1895 Sept.
From
No: 5941
The Superintendent,
Madras Harbour Works,
To
The Secretary to Government,
Public Works Department,
Fort Saint George.

Dated 18th
Recd 19th August 1875.

Enclosure 1 ✓

A. S. M.

Forwards Estimate
of the probable cost of the
works of the Madras Har-
bour.

No. 232

Cd. 1.9.75 Oct 10.9.75
Sent to the Secretary to Government

No. 2610-2/10th September 1875

9d Cl Works

Public Works Dept.

No 2610

Proceedings of the Madras Government
Under date the 10 Sept 1875.
Read the following

From
The Supt. Madras
Harbour Works } (H.E. No. 8 d/18th Aug 75)

The Estimate for

the Madras Harbour
Works now submitted

by Mr. May, and
amounting to Rupees

64,000 as against a
provisional sanction

of

of £ 628,000, compares
with Mr. Parker's Estimate
of October 1873 as
follows. viz.

	Mr. Parker	Mr. May
Plant Buildings } Preliminaries }	£ 80,000	5,22,000 1,00,000 3,65,000
		Rs 9,87,000
Land —		45,000
Rubble stone work —	143,972	15,74,000
Concrete block work River 2 1/2 to 4 fathoms —	30,250	3,30,000
Concrete block work from 4 fathoms outward }	231,150	25,26,000
2 Light Houses —	6,000	66,000
Establishments &c —	24,569	3,50,800
Maintenance and contingencies — }	49,137	5,21,200
	£ 565,078	Rs 24,00,000

11 d
Copy of it will be
transmitted to Mr. Parker
for his formal appro-
val of the same; -
pending receipt of
which the Controller
will accept the docu-
ment as his guide. Mr.
Parker has already
sent out the European
Concrete Maker, but
has not signified his
wishes regarding the
European Mechanical
Assistant or the
American Diver. They
may be employed, with
his sanction, when re-
quired. A storekeeper
and

and Establishment
may be entertained
at a cost not exceeding
that estimated for; and
Mr. May will make
his own arrangements
for Medical assistance
and supplies, after
consulting the Officer
in Medical charge
of the Port. The Item,
Travelling allowances,
will be held to include
the House Rent and
Precedence Allowances
of such subordinates
as may be considered
entitled to the same;
such

13d
such as the Native
Sub Engineer. Mr.
Parker, it is observed,
has stated the Euro-
pean Concrete Maker
to be entitled to free
quarters.

C.M.W.

Supt. of Works Madras
Harbour
Conty. of P.W. Accts.
Mr. Parker.

Part 2

SC Depd - 23.9.75

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Hence, out 1
Office 20

Sept 15d
To.
The Most Honble the Marquis of
Salisbury - Secretary of State for India
My Lord Marquis.

We have the
honor to forward herewith
for your Lordships infor-
mation copy of our
Proceedings in the Public
Works Department No.

2614 dated 10 Sept 50, with
which we have sent
to Mr. Parker for approval
a revised estimate for
the Madras Harbour
which has been sub-
mitted by Mr. May,
local Superintendent
of Works. Its amount
allowing for exchange
is nearly equivalent
to the sum sanctioned
in your Lordships

(Despatched)

MS
2/9

707

25. 2. 52 - Oct 22

Despatch No: 20 P.W.
dated 11th March 1895.

G.M.

Forwarding for information
copy of Progs: in the P.W.D.
No. 2610 of 10th Sept: 1895, with
which has been sent to
Mr. Parke for approval
a revised estimate for
the Madras Harbour, which
has been submitted by
Mr. May, the local Supt.
of Works.

2610-3
2610-3
2610-1
N 252/3

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Gobt. of 1875 Madras.
PUBLIC WORKS.

To

Capt. Phadras
R. W. W. W.

Dated

Issued

Recd.

Encl.

G. O., 10 Feb 1875, No. 2610

Nos. 252 - 253.

Works of the Madras
Harbour. — Passing
orders on letter from
Mr. May, submitting
a revised estimate
amounting to Rs. 64,00,000
for the —.