

(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.	1729-30	Press	<i>Original</i>
B.P. No.		Mis.	
Dated	7. 7.	195	
		1876	

Not to be folded or roughly handled

All communications
should be addressed
to the Secretary.

No. 203 I.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

Civil Works.

Irrigation.

To

The Secretary to the Govt. of Madras.
Public Works Department.

th
Simla, 16th May 1876.

Sir,

I am directed to enquire what arrangements
have been made for the supply of cement for the
Madras Harbour works, the amount required, and
probable cost.

I have the honor to be,

Sir,

Your most obedient Servant,

Frederick Smith Capt. R.E.

Asst. Secy. to the Govt. of India,

16

P. 1576 Department

28 Feb 1876 No 300.
12 Aug 1876 3327 & 3328.
8 Jan 1876 46.
24 " 246 & 247.
26 Jan 1876 No 207.
28 May 1876 No 1146 A & 1146 B.

18-3703

From
The Government of India

Dated 16th }
Received 23rd } May 1876.

18-203 L

Cl. Engrs No 334 27th June 1876.

Inquiring what
arrangements have been made for
the supply of cement for the
Harbour Works, the amount required
and probable cost.

No 126

Recd. 29.6.76 M. 7.7.76
Engrs 12. 1876
Recd. 29.6.76 12.07.76
Despatched 26-5-76

FROM

THE SUPERINTENDENT
MADRAS HARBOR WORKS,

No. 25W.

The Offg. Under Secretary to Government
Public Works Department
Fort Saint George.

MADRAS, 5th June 1876

Sir,

In reply to your Memorandum
No. 334 of June 1st I have the
honour to inform you that the
total quantity of Portland Cement
required for these Works will be
about 21,250 tons.

I have the honour to be,

Sir,

Your most obedient servant,

Nathaniel Beadmore
Offg. Superintendent.

See Chs 3703 for put up papers

1876 Department

28th 4039

From
The Lt. Master General
Works.

Date 5th June 1876
Received 5th 28th 4039

Informing that the
total quantity of Portland
Cement required for the Harbour
Works will be about
21,250 tons.

5
Lieut. Harb. Officer.
Madras 23rd June 1876.
J. Beadmore Esq.
in Charge of Harbour Works
Madras.

Sir,
With reference to our conversation
yesterday I gathered from you that the cost of
English Cement was nearly as follows:-

	Rs.	S.	P.
Cement packed on board	3	10	0
Freight	1	8	0
Insurance		2	0

Total Rs. 4.0.0.

So this has to be added.

Loss on Exchange 20 per cent	16	0	0
Loading Charges 3 Rs. or	6	0	0
Loss by leakage 10% on 56 Rs. at 10% per cent say	14	0	0
Total Rs. 5.16.0.			

or Rupees 58.0.0 per ton.

This is what the Cement costs the Harbour
Works delivered. I offered an article equal
if not superior at 48 Rupees the Ton. that even
if the prices were equal the Government has long

1264
Recd. 24.6.76
Recd. 29.6.76
Cin. 12.6.76
P.L. Thist. 12 May

I was offered the post of Superintendent of Government Cement Works in 1855, to establish a factory for Hydraulic Cement. That without Government aid I had discovered a process of manufacturing Portland Cement equal to the best made in England. Therefore it was to the interest of the Country that I should be supported, even if the prices were equal, and further I challenge the English Manufacture to deliver Cement as good as mine for less than 50 Rupees the Ton.

I have the honor to be
Sir,
Your Most Obedient Servant
J. P. Jones
Major General

(True copy)
 Lt Thompson
 Major General

Reading 31-10-7.76
 On Cii- 29. 6. 76 Peta 7.7.76
 Cii- 12. 6. 76
 O.L. Thirt. 40 May

GOVT.
OF MADRAS.

1876

P.W.
DEPT.

SECRETARY.

Fort St. George, June 6 1876.

OFFICE NOTE.

To
Harbour Works Supt.
Letter No 25W.

Please note probable
Cost per Ton of
Portland Cement &
inter Reply below.

Warranted for
Offs Dept's Charge.
6.6.76.

The cost of Cement already received
including freight and delivery into
the Harbour Works Godowns has been
Rs 44-12-5 per ton - The cost of
future consignments will probably
be somewhat less, as there is
reason to believe that the cost
in London of 4⁵/₈/- or (at 7¹/₂%)
Rs 27-0-7 may be reduced
and that the freight may
also in the future be somewhat
less than at present.

Kath B Beardmore

8/6/76

No 33 W.

9

From

The Offg. Superintendent,
Madras Harbour Works,
Madras 22nd June 1876.

To
The Offg. Under Secretary to Government,
Public Works Department,
Fort St. George.

Sir,

In reply to your Memo
re Enq I have the honor to inform
you that Mr May, in October last,
agreed to purchase from General
Morgan 2000 Tons of Cement at
Rs 40 per ton provided it bore a
breaking strain, after seven days,
of 400 lbs on 2¹/₄ square inches.
As mentioned to you in a former
communication, our late supplies
of Portland Cement from England
cost Rs 44-12-5 per ton delivered, and
that will probably not be the lowest
price. General Morgan informed
me on Friday last - June 16th - that
his Cement bore a breaking strain
of 675 lbs on 2¹/₄ square inches, but
this is not so high as good Portland
Cement

Copies of the four most
important letters are attached.

I have the honor to be,
Sir,

Your Most Obedient Servant,
Wm. H. Beadmore
Offg. Superintendent.

Oolacarrund August 30th 1876

To

James May Esquire

Sir, Superintendent, Harbour Works, Madras

I have the honor to forward a tender for
the supply of 20,000 tons of Portland Cement for the
Madras Harbour Works. The specification is that
adopted by Mr. Grant the first authority in
England on Portland Cement.

The conditions are as follows:-

- 1st The Cement to be Portland Cement of the
best quality, ground very fine, and weighing not
less than 110 lbs to the shoked bushel and capable of
maintaining a breaking weight of 400 lbs on an
area of $1\frac{1}{2}$ inches square equal to $2\frac{1}{4}$ square inches,
seven days after being made in a mould of the
form and dimensions used by Mr. Grant and
immersed six of these days in water.
- 2 The price of the Cement to be forty Rupees a ton
or ten Rupees a ton less than it can be procured
from England by which a saving of at least
£ 20,000 will be effected.
3. The delivery to commence from May next
at the rate of 400 tons or more a month.
4. Payment to be made one month after delivery.
5. The delivery to be on the works at the Western
pier, in bags which are to be returned when empty.

I am faithfully

Signed / I. R. Morgan
Major General

Colacamund, Aug 30, 1876

My dear Mr May

No time is of great importance to me in the Cement Contract I send you a specification and form of Contract-as I am bound down by certain stringent rules I have, to guard myself against loss, been obliged to raise the price of the Cement-even now it is much cheaper than English Cement.

Yours very truly
[Signed] J. R. Morgan

No 28 Harbour Works, Madras
16 September 1875

My Dear General,

The following reasons make it very difficult for me to reply to your letter of 30th Ultimo, in which you offer to deliver 20000 tons of Portland Cement at 40 Rs per ton.

1st I had already reported home that the Cement which I saw at Messrs Arbuthnot & Co's 2 or 3 months ago was to be delivered at 30 Rs per ton.

2nd The breaking test of cement to be used in these works must be 800 lbs on an area of $1\frac{1}{2}$ ins square, equal to $2\frac{1}{4}$ square inches, seven days after being made.

3rd The delivery of our plant from England is delayed by various causes at home, and

13
therefore I am not in a position to say at what date the first block may be made here.

I have sent Mr Parkes a copy of your letter above referred to.

[Signed] J. R. Morgan
Tudor Hall
Colacamund

1. North Beach
October 30, 1875

My dear Sir,

I had a short conversation with Sir William the other day, which ended by my telling him that I would ask General Morgan for 200 tons of his Cement as soon as convenient, at the price of Rupees 40 per ton delivered at Royapooram Terminus.

I also agreed to the following conditions proposed by Sir William:- that we would take a minimum quantity altogether of 2000 tons, and that the breaking test on $2\frac{1}{4}$ inches of area, seven days after date of manufacture, must not be less than 400 lbs.

Being very anxious to try blocks of country cement, I would do so at once as soon as I can get some from the General. Kindly drop him a note to pay so this afternoon.

I hope to appear, with pleasure tomorrow evening

very faithfully
[Signed] James May
The Hon. P. Macfadyen;

See C No 3703 for put up papers.

P.W.

1876

Dept

No 4463

From the
Ag. Supt
M. Harbour Works

Dated 22 June 1876
Recd 22 do

No. 33 W

Inclosures—

Reporting upon
General Morgan's
Contract for Cement

N. 126 B.

Cir. 29.6.76 Ptd 7.7.76
O.L. Shul 42 June

Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the

Read the following:—

From
The Secy. of Indian (H.E. No. 203 & 7/16 May 1876)

Ordered that the
following be sent.

H.E. No. dated

The Secy. to the Secy. of
Indian, E.H.E.

Sir,
I am directed in
reply to your letter No.
203, dated 23rd May 1876,
to state that the Cement
for the Madras Harbour
Works is obtained by
indent on the Madras
Government advised by
Mr. Pankaj, that the
amount.

amount required will
be some 3,250 tons.

The cost of the Cement
hitherto received including
freight and delivery has
been Rs 44. 12. 5 per ton.

It is anticipated that future consignments will be obtained at a somewhat lower expenditure.

9. 6. 75

6663
4039
3703

East's Shelf

No 1730

Public Works Dept.
7 July 1976.

To The Secy. to the Govt. of India

Mr. Shawmore shd state
distinctly what the undertak-
ings are bound to -

Sir,

In reply to your letter N^o. 203 I of 16th May I am directed to state that the total amount of Cement for the Madras Harbour Works is estimated at 21,250 Tons, of which 7,200 have been indented for in England for supply under arrangements made by Mr. Parkes.

2. The cost of Cement
already received is stated
at \$44-12-5 per Ton,
including freight and
delivery

delivery into the Harbour
Works Godowns. And
it is anticipated that
the cost of future con-
signments will be less.

3. Besides the above
mentioned source of supply
an engagement appears
to have been made in
November last with a
local European Contractor
for supply of 2000 Tons
of Cement manufactured
at Madras subject
to certain tests of its
quality. But none has
yet been delivered, as
the Contractor now demands
Rs 45 a Ton instead of
Rs 40 as at first
offered by him.

Decd 26/7/76

End of

N^o 1729

Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

7th July 1876.

Read the following:—

From

The Gov^t of India ^{in date} (H. C. N^o 203 I of 16th May 1876)

" Supt. Madras Harbour Works (— 25th W — 5th June —)

— do — do — (— 33rd W — 22nd —)

Ordered that the
following letter be sent

(H. C. N^o 1730 of 7th July 1876.)

44635/11
4039/3703

Gobt. of Madras.
PUBLIC WORKS.

To

The Secy to the Govt of India

Dated

Issued

Recd

Encl.

G. O., 7 July, 1876, No. 17297/1730

Nos.

Finishing en-
cane particulars
regarding the
amount of cement
per ton and the rate
at which they are
obtained for the
Madras Harbour
Works--

Cement for the Madras
Harbour Works--

Passing orders on
papers regarding the
amount of cement
required & cost
of --

*Supd. P. W. Dept.
29-7-76*