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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

PW

DEPARTMENT

G.O. No.	2320 (W)	Press.
B.P. No.		Mis.
Dated	10.9.1879	197

Not to be folded or roughly handled

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GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

10th September 1879, No. 2,320 W.

Buildings and Roads.

Civil Works.

Read the following paper:—

No. 37. From F. N. THOROWGOOD, Esq., M. Inst. C.E., Superintendent, Madras Harbour Works, to the Secretary to Government, Public Works Department, Buildings and Roads, Fort St. George, dated Madras, 29th August 1879, No. 29 W.

I HAVE the honor to lay before His Grace the Governor in Council a brief account of the present state and prospects of the cement supply to these works, and what I propose to do for the future.

2. In order to finish the whole of both breakwaters as now designed there are required 6,912 concrete blocks, of which there are only 500 now on stock, leaving a balance of 6,412 to be made. Roughly speaking these will require 12,824 tons of cement in their manufacture.

3. In addition to this requirement, cement is largely used for building in the railways on the piers, and a very large amount will be required for the intercepting sewer along the beach. I estimate that not less than 1,200 tons should be allowed for these purposes and for contingencies, bringing the total amount required at date to 14,000 tons (about).

4. Of this quantity there is still due on the Order of 21st January 1879 1,369 tons, and on the order of June last 3,000 tons more, making 4,369 tons already provided for from England, and leaving a balance of 9,631 to be still procured.

5. Now, it is essential for the rapid completion of these works that the whole of this 9,631 tons should be here in Madras by December 1880 at the latest.

6. As General Morgan's cement is now of a certain good quality, and his supply tolerably regular, I will consider that for the next twelve months he keeps up a rate of delivery of 450 tons a-month. He never yet has succeeded in reaching this rate of supply,* but I will give him credit for that quantity per month in the hopes that his machinery, &c., will be improved shortly so as to increase his outturn. I have in the meantime written to him to know what is the maximum quantity he can bind himself to supply regularly per month, and my figures may need correction on receipt of his reply, but it may safely be assumed that 450 tons a-month will never be exceeded as a regular rate.

7. Allowing then 450 tons a-month for twelve months as the amount that can be provided in India (for I can get no satisfactory intelligence from Calcutta), or a total of 5,400 tons in the year, there remains 4,231 tons yet to be ordered from Home.

8. The rate at which the 3,000 tons of cement ordered in January 1879, by telegraph, is being supplied, makes it quite clear that a long notice is desirable for although eleven steamers and two sailing ships have arrived with portions of that order, there is still nearly 1,500 tons due, and a stoppage of work for a few weeks is inevitable as the next ship will not be here till October.

9. I therefore shall shortly submit to Government, through the usual course, an indent for 4,300 tons of cement from England to finish the works, accompanied with a request that the shipment may commence not later than the early part of December 1879, and that the whole may be delivered here by the end of 1880.

10. I have submitted this statement with a view towards explaining beforehand my reason for indenting for 4,300 tons, and in the hope that Government will be pleased to consider the indent favorably and sanction a prompt compliance with the order.

No. 38. From Lieutenant W. L. C. BADDELY, R.E., Acting General Superintendent, Public Works Stores and Workshops, to the Deputy Chief Engineer, Public Works Department, dated Madras, 1st September 1879, No. 543 S.

I HAVE the honor to forward for submission to Government a special indent on the Home Government from the Superintendent, Madras Harbour Works,* for 4,300 tons of Portland cement, required for use on the Harbour Works.

2. A copy of Mr. Thorowgood's letter accompanies the indent.

One indent in Triplicate.

*No. 8 of 29th August 1879.

No. 32 S, 29th August 1879.

From F. N. THOROWGOOD, Esq., Superintendent of Madras Harbour Works, to the General Superintendent, Public Works Stores, dated Madras, 29th August 1879, No. 32 S.

I HAVE the honor to submit herewith a special indent for 4,300 tons of cement for these works, and I beg that you will forward it through the usual course with all possible expedition.

2. The cement ordered in it must be delivered here in Madras by December 1880, and the shipments should commence to leave England not later than December of this year.

3. I have already explained to Government my reasons for asking for this amount, so that there may be as little need for further explanation as possible.

No. 39. ORDER THEREON, 10th September 1879, No. 2,320 W.

ORDERED that the special indent be forwarded to the Secretary of State.

(True Extract.)

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

Exd. S. T. Austin.

Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Gobt. of (1879) Madras.
PUBLIC WORKS.

Dated September 10th.

Issued

Recd.

Encl.

G. O., 10th September 1879, No. 2,320 W.

SEPTEMBER

Nos. 37-38.

Madras Harbour Works.—The special indent for 4,500 tons of Portland cement for the —, forwarded to the Secretary of State.

No. 29 W

From

THE SUPERINTENDENT,

MADRAS HARBOUR WORKS,

To

Colonel R. H. Sankey, C.B. R.E.,
Secretary to Government, P.W. Dept.,
Buildings & Roads, Fort Saint George,
Madras, 29th August 1879

SIR,

I have the honor to lay before His Grace the Governor in Council, a brief account of the present state and prospects of the cement supply to these works and what I propose to do for the future.

2. In order to finish the whole of both breakwaters as now designed, there are required 6912 concrete blocks of which there are only 500 now on stock, leaving a balance of 6412 to be made. Roughly speaking these will require 12,824 tons of cement in their manufacture.

3. In addition to this requirement, cement is largely used for building in the railways on the piers, and a very large amount will be required for the intercepting sewer along

along the beach. I estimate that not less than 1200 tons should be allowed for these purposes and for contingencies, bringing the total amount required at date to 14,000 tons (about).

4. Of this quantity there is still due on the order of January 21. 1879, 1369 tons, and on the order of June last 3000 tons more, making 4369 tons already provided for from England, and leaving a balance of 9631 to be still procured.

5. Now it is essential for the rapid completion of these works that the whole of this 9631 tons should be here in Madras by December 1880 at the latest.

6. As General Morgan's cement is now of a certain good quality, and his supply tolerably regular, I will consider that for the next 12 months he keeps up a rate of delivery of 450 tons a month. He never yet has succeeded in reaching this rate of supply, but I will give him credit for that quantity per month, in the hopes that his machinery

23rd 12

machinery ~~is~~ will be improved shortly so as to increase his output. I have in the meantime written to him to know what is the maximum quantity he can bind himself to supply regularly per month, and my figures may need correction on receipt of his reply, but it may safely be assumed that 450 tons a month will never be exceeded as a regular rate.

7. Allowing then, 450 tons a month for 12 months as the amount that can be provided in India (for I can get no satisfactory intelligence from Calcutta) is a total of 5400 tons in the year, there remains 4231 tons yet to be ordered from home.

8. The rate at which the 3000 tons of cement ordered in January 1879 by telegraph, is being supplied makes it quite clear that a long notice is desirable, for although eleven steamers and two sailing ships have arrived with portions of that order, there is still nearly 1500 tons due, and a stoppage of work for a few weeks is inevitable as the next ship will not

not be here till October.

9. I therefore shall shortly submit
to Government through the usual course,
an Indent for 4500 tons of cement from
England to finish the works, accompanied
with a request that the shipment may
commence not later than the early
part of December 1879, and that
the whole may be delivered here by
the end of 1880.—

10. I have submitted this statement
with a view towards explaining before-
hand my reason for indenting for
4500 tons and in the hope that Government
will be pleased to consider the Indent
favourably and sanction a prompt
compliance with the order.

I have the honour to be,
Sir,

Your most Obedt Servt

W. H. Mowgood, M. Inst. C.E.

Superintendent

N. R. Works

W.B.

Edw. H.

5

P.W.D.
Public Works Store Department.

From *N^o 5335*
The General Superintendent,
P. W. Stores and Workshops,
Madras.

To
*The Deputy Chief Engineer
P. W. Stores
Madras*

No. 5438

Dated

Despd. *1 September 1879*

Recd.

No. of ENCLOSURES.

*300 Tons of Portland Cement for
use of Madras Harbour Works,
enclosed in Special Indent on
the Home Govt for -*

46-10-9-79 N^o 232040

38

*Recd 4-9-79
Lo Bats 2-9-*

No. 32.5

N^o 4

From *The Superintendent
Madras Harbour Works.*

To
*The General Superintendent
P. W. Stores.*

Madras 29 August 1879

Sir, I have the honor to submit
herewith a Special Indent for 4,300
tons of Cement for these works and I
beg that you will forward it through the
usual course with all possible expedition.

The Cement ordered in it must
be delivered here in Madras by December
1880 and the shipments should commence
to leave England not later than December
of this year.

I have already explained to Com-
missioner my reasons for asking for this amount
so that there may be as little need for further
explanation as possible.

I have the honor to be, Sir

Your most obed^t Servant

Signed J. H. Thoroughgood.

Sup^t M. H. Works.

True copy

Per Boddley *Asst. Secy.*
By Secy. Sup^t P. W. Stores

P.W.D.
1879
N^o 6335

June 1878

5
N^o 2320 W P.W.D. Works

Proceedings of the Madras Govt. 2320

Under date the 10th Sept 1879

Read the following

From the Suptth Madras
Machin^y Works { (N^o 29 W d/29th Aug 79)

— Genl. Supt P.W. Stores
& Workshops { — 5435 d/1st Sept 1879)

Ordered that the
Special Indent be forwarded
to the Secretary of State.

M

S
2.9

Given to Muttiahary Pillay
18/9/79

Despd to
Suptth M. Works
Major Genl Morgan
25-9-79.

1.9

Ht
3/9/79

To

No. 50 of 5th Sept. 1879

23rd

The Right Honorable

The Secretary of State for India.

My Lord,

In continuation of
our despatch N^o 44 of the
8th August 1879, we have
the honor to forward ^{in compliance} a
special indent submitted
by the Superintendent Madras
Harbour Works for 4,300
tons of cement. We ^{enclosed} ~~forwarded~~
a copy of Mr. Shorrock's
letter N^o 296, dated 29th.

Cir 4.9.79. Dtd 6.9.79
Oct 2-9-

August 1879, in which the
necessity for the application
is fully explained.

S
29

circulated with
ms. despatch for
signature.

Att

line

3/9/79

1.9

Orig. & together with
Special Indents in
*Copy of my Thoroughbred letter
Duplicate despatch to the
Secy of State per Overland
mail on the 10th Sept 79
D.M.

Recd 5-9-79. Ptd 6-9-79
P. Cer 4-9-79. Ptd 5-9-79
to 2-9-

Cu 6325W

Govt. of (1879) Madras

PUBLIC WORKS.

To

Dated

Issued

Recd.

Encl.

G. O. 10 Sept. 1879, No. 2320 W

No. 37-39

Madras Harbour Works
The Special Indent for
4300 tons of Portland Cement
for the Government of
Secty of State.

Madras Harbour Works
Towards a special indent
for 4300 tons of Portland
Cement