Archives I 10,006—16-8 77.

(1) Number of pages 44.
(2) Date of repair 6.5.87
(3) Initials of the Referencer [illegible]

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Public Works. DEPARTMENT

G.O. No. B.P. No.	2828 W. 2829. W	Press. Mis.
Dated	26-10-1882.	197 .

S.G.H.

Not to be folded or roughly handled

26th October 1882, No. 2828 W., Public Works.

2828/1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

No. 187.

Read—the following paper:—

> Despatch from the Most Honorable the Secretary of State for India, to His Excellency the Right Honorable the Governor in Council, Fort St. George, dated India Office, London, 21st September 1882, No. 17 (Public Works).

I have considered in Council your letter in the Public Works Department, No. $\frac{24\text{-A}}{1460\text{-B}}$ W., dated the 12th June last, forwarding an indent for stores required for the Madras Harbour Works, and requesting that orders may be issued for the early supply of the articles indented for in the event of the reconstruction of the piers being sanctioned.

2. I enclose, for your information, a copy of a report by the Director-General of Stores, and of reports by Mr. Parkes and General Hyde, therein referred to, and I have to inform you that I have sanctioned compliance with the indent to the extent recommended by Mr. Parkes.

3. One thousand tons of cement are already under provision in compliance with your telegram of the 12th June last, and the remaining moiety will only be supplied on receiving a fresh requisition from your Government after it has been ascertained that it cannot be obtained locally, either in the Madras or Bengal Presidencies.

4. I request to be informed of the price at which cement is made and sold in the Bengal Presidency.

Enclosures.

Copy Report by Director-General of Stores, dated 26th August 1880.

With reference to the remark of the Public Works Department Secretary in the annexed reference, that it is desirable that the indent for the stores for the Madras Harbour Works, received with Madras Public Works letter, No. 24-A/1460-B, dated 12th June last, should be shown to Mr. Parkes before any steps are taken for the supply of the stores, I annex a report received from that gentleman, from which it will be seen that, with certain exceptions pointed out in the report, the indent should, in his opinion, be complied with.

The exceptions referred to are as follow:—

Cement.—Tons 2,000; of this quantity 1,000 tons are already under supply in compliance with telegram from Madras of the 13th June last, and Mr. Parkes considers that no action need be taken with regard to the second 1,000 tons till a further requisition is made by the Madras Government.

New boiler for Goliath Crane No. 1.

Flat bottomed Rails 75 lb., miles 1½.

Points and Crossings for above, 1 in 10, sets 8.

Do. for 50 lb. rails, 1 in 10, sets 10.

The supply of these stores to be deferred for the present.

The cost of the stores excluding those referred to above is estimated at about £900.

I also annex a report by General Hyde, and, with reference to his suggestions, have to remark as follows:—

Grease for Wagons.—Inquiries will be made of the Madras Railway Company regarding the mode adopted by that Company for obtaining grease for their vehicles. In the meantime it may be advisable to obtain authority for the supply of the quantity demanded.

Rope.—In the letter from Mr. Beardmore, dated 25th May last, a copy of which accompanies the indent, he states that some of the material he could obtain in India, but not of so good a quality, or so economically as in England, and that this is specially the case with iron and rope. I therefore consider that the rope should be provided from this country.

Cement.—I recommend, as suggested by General Hyde, that the Government be requested to state at what price cement is made and sold in the Bengal Presidency.

COPY Report by General HYDE, dated 20th August 1882.

I think the suggestions of Mr. Parkes may be acted on. I hardly understand the necessity of sending out grease. The grease made in the country should suffice, but a reference to the Madras Railway Company will decide this.

There are several good rope factories in Calcutta.

But the store department will know best if rope should be sent out.

I think it advisable to ask for the price at which cement is made and sold in the Bengal Presidency for this office information.

From W. PARKES, Esq , Engineer-in-Chief of Madras Harbour Works, to the Director-General of Stores, India Office, dated 23, Abingdon Street, 18th August 1882.

Madras Harbour Works.

I have the honor to return the indent for stores for the above, forwarded to me with your letter of the 16th instant, with the following remarks.

2. Mr. Beardmore, in his original covering letter of 25th May, says that the materials and stores will be required *in the event of the piers being reconstructed*, and this expression is repeated in the despatch of the Government of Madras. It is, however, clear from the character of the requisitions that it was not intended to suggest that compliance with at least a portion of the items should be deferred till the reconstruction is actually sanctioned.

3. On the 19th April last the Government of India telegraphed to the Government of Madras: "Madras Harbour Works. Two lakhs sanctioned for blockmaking, quarrying and establishment," and it was clearly in consequence of this sanction that the indent was submitted. As a matter of fact 1,000 tons of cement is now being delivered as a part of the first item, having been specially indented for by telegram from Madras on the 12th June. This is of course required for the blockmaking.

4. Of the other items some are for the maintenance and repair of the concrete-making machinery and other plant necessary for carrying on blockmaking and other sanctioned works: some, especially railway materials estimated at Rs 22,470, may well stand over till the final sanction for reconstruction is given, and the remainder are stores and materials of an ordinary character, which even in the event of their not being ultimately required for reconstruction would have their full value on any other works. The aggregate value of these is not large.

5. I should mention that in addition to the blockmaking and quarrying named in the above telegram, and which are intended to be carried on in anticipation of the sanction for reconstruction, there are some other incomplete works in progress, all under regular sanction, such as—

The fixing of screw moorings.
The recovery of machinery and plant sunk in the storm.
A stone revetment for protecting the shore north of the Harbour.
Certain protective works for the standing portions of the piers.
All these require plant and stores for their proper executions.

6. I now proceed to my explanation of the several items. For convenience of reference I have grouped the several items and marked them by red figures in the second column of the indent.

No. 1.—Two thousand tons of cement, of which 1,000 is in course of delivery. No action need be taken with regard to the second 1,000 tons till a further requisition is made from Madras.

No. 2.—Are necessary renewals of parts of the stone-breaking machines and should be ordered of *Marsden of Leeds*, the original maker.

No. 3.—New boiler for Goliath crane may stand over.

No. 4.—Are necessary for the working of the locomotives which are employed on sanctioned works. It would be desirable to order them of *Hawthorns & Co. of Leith.*

No 5.—Are necessary for the engine which works the concrete-making machinery. They should be ordered of *Stothert and Pitt of Bath.*

No. 6.—Are ordinary workshop stores, and may be procured in the usual manner.

No. 7.—Purchase and snatch blocks are required for use on sanctioned works, and may be procured in the usual manner.

2828
2

Nos. 8 *and* 12.—Hammers of various kinds required for all kinds of work. May be procured in the usual manner.

No. 9.—Railway materials may be deferred.

No. 10.—Wagon grease required at once. May be procured in the usual manner.

No. 11.—Spun yarn do. do. do.

No. 12.—See No. 8 above.

No. 13.—Bar iron of sorts will be useful in any store. May be procured in the usual manner.

No. 14.—Shovels, required for blockmaking, may be procured in the usual manner.

No. 16.—Driving belts required for the concrete-making machinery. May be procured in the usual manner.

7. The total amount of the estimate for the purchase of the above is Rs. 81,714-12-0, but if Nos. 1, 3, and 9 be deducted, for reasons given above, the remainder is Rs. 10,420. Of this Nos. 2, 4, 5, and 16 are for repairs of special machinery at an aggregate cost of Rs. 3,129, leaving Rs. 7,291 for stores and tools of an ordinary character which will maintain their value independent of the future proceedings in respect of the Harbour Works.

No. 188.

ORDER—dated 26th October 1882, No. 2828 W., Public Works.

Communicated to the Superintendent, Madras Harbour Works, for information and guidance.

2. In the Resolution * of the Government of India, Department of Finance and Commerce, recorded with G.O., No. 716 W., dated 18th March 1882, it is pointed out that the Indian Portland Cement Company contemplate erecting new works for supply of cement, and local Governments are invited to contract for a term of years not exceeding five, if they find that they can rely on obtaining cement of good quality and at prices not higher than the market prices ruling at the time of delivery for imported cement of good quality.

* No. 1280, dated 2nd March 1882.

3. It would appear, from paragraph 6 of Mr. Beardmore's letter, recorded with G.O., No. 2337 W., dated 9th September 1882, that the price at which the Managing Directors of that Company are prepared to deliver their cement at Madras is Rs. 71-8-0 per ton. This price is considered by the Superintendent of the Works to be "prohibitive." As regards the quality of the article, Mr. Beardmore, after subjecting the sample received by him to a number of tests, considers that the cement is "not a very strong one," and that "it is uncertain in strength."

4. Cement subject to test is being supplied from the local works at Madras at Rs. 40 per ton, but the Company have not been able to fulfil † their engagement as to quantities. In the three months of June, July, and August 294 tons only were delivered instead of 600 tons contracted for.

† G.O., No. 2370 W., dated 14th September 1882.

5. A small supply of English imported cement was purchased from a private firm at Rs. 42 per ton, which is about the price of that obtained through the Secretary of State.

6. The foregoing information will be communicated to the Home Government in reply to the despatch of the Secretary of State above recorded.

(True Extract.)

Lieut -Col., R.E.,
Ag. Under Secy. to Govt., P.W.D.

To the Superintendent, Madras Harbour Works.

Exd. C. Howarth.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of (1882) Madras
PUBLIC WORKS.

Dated October, 26th.

Recd. Encl.

G.O., 26th Oct. 1882, No. 2828 W.

OCTOBER.
Nos. 187-188.

Stores for the Madras Harbour Works.

Despatch from the Secretary of State sanctioning, with certain exceptions, compliance with an indent for —, communicated to the Superintendent, Madras Harbour Works, with remarks.

1738

India Office,
London. 21st September, 1882

2828/3

Public Works

No. 17.

Sir,

1. I have considered in Council your Letter in the Public Works Department No. $\frac{24\,a}{1460\,W}$ B, dated the 12th June last, forwarding an Indent for stores required for the Madras Harbour Works, and requesting that orders may be issued for the early supply of the Articles indented for, in the event of the reconstruction of the piers being sanctioned.

2. I enclose, for your information, a copy of a report

His Excellency
The Right Honorable
The Governor in Council,
Fort St. George.

P2

2828/4

report by the Director General of Stores, and of reports by Mr. Parkes and General Hyde, therein referred to, and I have to inform you that I have sanctioned compliance with the Indent, to the extent recommended by Mr. Parkes.

3.- One thousand tons of Cement are already under provision in compliance with your Telegram of the 12th June last, and the remaining moiety will only be supplied on receiving a fresh requisition from your Government, after it has been ascertained that it cannot be obtained locally, either in the Madras or Bengal Presidencies.-

Has not Brand more tested
+ reported well of the Madras
article? H.S.

I

4.- I request to be informed of the price at which cement is made and sold in the Bengal Presidency.-

I have the honor to be,
Sir,
Your most obedient
humble Servant

Harrington

report by the Director General of Stores, and of reports by Mr. Parkes and General Hyde, therein referred to, and I have to inform you that I have sanctioned compliance with the Indent, to the extent recommended by Mr. Parkes.

3.- One thousand tons of Cement are already under provision in compliance with your Telegram of the 12th June last, and the remaining moiety will only be supplied on receiving a fresh requisition from your Government, after it has been ascertained that it cannot be obtained locally, either in the Madras or Bengal Presidencies.-

Has not Baird more tested
+ reported well of this Madras
article? HEL

I

28/5

PE

4.- I request to be informed of the price at which cement is made and sold in the Bengal Presidency.-

I have the honor to be,
Sir,
Your most obedient
humble Servant

Hartington

2828
6

No. 3 3

P.W.C. No. 7310

Public Works

21st Sept. 1882

The

Letter to Fort St. George

No. 17

Ex. 716. W. 18. 3. 82
" 1182. W. 10. 5 "
" 1460/A W. 12. 6. "
" Desp 20A/1460/A W. 12. 6. "
" 1460/C W. 12. 6. 82
" 1605 W. 28. 6. 82
No. 416. E. 14. 7. 82
Ex. 2063. W. 11. 8. 82
" 2337. W. 9. 9. 82
" 2370. W. 14. " "

Pl 23.10   Cir: 20/10

$28^{26}/1$ Enclosures S P 6

Dft 1438   Copy Report by Director General of Stores, dated 26th August 1880

With reference to the remark of the Public Works Department Secretary in the annexed reference that it is desirable that the Indent for the Stores for the Madras Harbour Works, received with Madras Public Works letter No. 24A/1460/10, dated 12 June last, should be shown to Mr. Parkes before any steps are taken for the supply of the Stores I annex a report received from that Gentleman from which it will be seen, that, with certain exceptions pointed out in the report, the Indent should, in his opinion, be complied with.

The

2828/4

The exceptions referred to are are as follows: —

Cement Tons 2000; of this quantity 1000 tons are already under supply in compliance with Telegram from Madras of the 13th June last, and Mr Parkes considers that no action need be taken with regard to the second 1000 Tons, till a further requisition is made by the Madras Government.

New Boiler for Goliath Crane No. 1

Flat Bottomed Rails 75 lbs Miles 1 1/2

Points & Crossings for above 1 in 10 Sets 8

Do. for 50 lb rails 1 in 10 " 10

The supply of these Stores to be deferred for the present.

The cost of the Stores excluding those referred to above, is estimated at about £900.

I also annex a report by

by General Hyde, and, with reference to his suggestions, have to remark as follows:–

Grease for Waggons.

Enquiries will be made of the Madras Railway Company regarding the mode adopted by that Company for obtaining grease for their vehicles. In the mean time it may be advisable to obtain authority for the supply of the quantity demanded.

Rope In the letter from Mr Beardmore dated 25th May last, a copy of which accompanies the Indent, he states that some of the material he could obtain in India, but not of so good a quality, or so economically as in England, and that this is specially the case with Iron and Rope. I therefore consider that

that the Rope should be provided from this country.

Cement. I recommend, as suggested by General Hyde that the Government be requested to State at what price cement is made and sold in the Bengal Presidency.

2823/10 -

Copy Report by General Hyde
dated 20th August 1882

20 28/11

I think the suggestions of Mr Parkes may be acted on I hardly understand the necessity of sending out Grease. The Grease made in the Country should suffice, but a reference to the Madras Railway Co. will decide this

— There are several good rope Factories in Calcutta

— But the Store Department will know best if rope should be sent out

I think it advisable to ask for the price at which cement is made and sold in the Bengal Presidency for this Office information

Madras

BB 9

Madras Harbour Works

D8 28/12

23 Abingdon Street,
18th August 1882.

Sir,

I have the honor to return the Indent for Stores for the above, forwarded to me with your letter of the 16th instant, with the following remarks

2. Mr. Beardmore in his original covering letter of 25th May says that the materials and stores will be required *in the event of the piers being reconstructed*, and this expression is repeated in the despatch of the Government of Madras. It is however clear from the character of the requisitions that it was not intended to suggest that,

The Director General of Stores,
India Office.

that compliance with at least a portion of the items should be deferred till the reconstruction is actually sanctioned 2828/13

3. On the 19th April last the Government of India telegraphed to the Government of Madras:–

"Madras Harbour Works. Two lakhs sanctioned for blockmaking quarrying, and establishment", and it was clearly in consequence of this sanction that the indent was submitted. As a matter of fact 1000 tons of cement is now being delivered as a part of the first item, having been specially indented for, by telegram from Madras on the 12th June. This is of course, required for the blockmaking.

4. Of the other items some are for the maintenance and repair of the concrete making machinery and

N°10

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"Madras Harbour Works. Two lakhs sanctioned for blockmaking quarrying, and establishment",

and it was clearly in consequence of this sanction that the indent was submitted. As a matter of fact 1000 tons of cement is now being delivered as a part of the first item, having been specially indented for, by telegram from Madras on the 12th June. This is of course, required for the blockmaking.

4. Of the other items some are for the maintenance and repair of the concrete making machinery and

2228/14

and other plant necessary for carrying on blockmaking and other sanctioned works: some, especially railway materials estimated at Rs 22,470 may well stand over till the final sanction for reconstruction is given and the remainders are stores and materials of an ordinary character, which even in the event of their not being ultimately required for reconstruction would have their full value on any other works. The aggregate value of these is not large.

5 I should mention that in addition to the blockmaking and quarrying named in the above telegram, and which are intended to be carried on in anticipation of the sanction

for

for reconstruction, there are some other incomplete works in progress all under regular sanction such as

The fixing of screw moorings

The recovery of machinery and plant sunk in the storm.

A stone revetment for protecting the shore, north of the Harbour.

Certain protective works for the standing portions of the piers.

All these require plant and stores for their proper executions.

6. I now proceed to my explanation of the several items. For convenience of reference I have grouped the several items and marked them by red figures in the second column of the indent

indent.

No. 1. 2000 tons of cement of which 1000 is in course of delivery. No action need be taken with regard to the second 1000 tons till a further requisition is made from Madras.

No. 2 are necessary renewals of parts of the stone breaking machines and should be ordered of Marsden of Leeds the original maker.

No. 3 new boiler for Goliath crane may stand over.

No. 4. are necessary for the working of the locomotives which are employed on sanctioned works. It would be desirable to order them of Hawthorns & Co. of Leith

No. 5 are necessary for the engine which works the concrete making machinery. They should be

ordered

SP 14
2828

ordered of Stothert & Pitt of Bath.

No. 6 are ordinary work shop stores and may be procured in the usual manner.

No. 7 Purchase and Snatch blocks are required for use on sanctioned works, and may be procured in the usual manner.

Nos. 8 and 12 Hammers of various kinds required for all kinds of work. May be procured in the usual manner

No. 9. Railway materials may be deferred.

No. 10. Waggon grease required at once; may be procured in the usual manner.

No. 11. Spun Yarn do do

No. 12. See No. 8 above

No. 13. Bar iron of sorts, will
be

be useful in any store. May be procured in the usual manner.

No. 14 Shovels, required for blockmaking may be procured in the usual manner.

No. 16. Driving belts required for the concrete making machinery. May be procured in the usual manner.

7. The total amount of the Estimate for the purchase of the above is Rs $81,714\frac{3}{4}$ but if Nos 1, 3 & 9 be deducted, for reasons given above, the remainder is Rs. 10.420. Of this Nos 2, 4, 5 and 16 are for repairs of special Machinery at an aggregate cost of Rs. 3129 leaving Rs. 7291 for stores and tools of an ordinary character which will maintain their value independent of the future proceedings in respect of the Harbour Works.

I have &c

(Sd) W. Parkes.

1730

№ 4.

Copies of Reports by Director General of Stores, Mr Parkes and General Hyde.

Referred to in Public Works Letter to Madras, № 17, dated 21st Sep. 1882
Para. 2.

№ 2828 W

Genl
Act

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 26th October/82

Read the following :—

2828
/D

Despatch from the Right Hon'ble the Secretary of State for India. } (H.E. № 17 P.W. d/ 21st Septr. 1882)

& № 1280 d/ 2d. March 1882.

Communicated to the Superintendent Madras Harbour Works, for information and guidance.

2. In the Resolution of the Government of India, Department of Finance and Commerce, recorded with G.O. 716 W dated 18th March 1882, it is pointed out that the Indian Portland Cement Co. contemplate erecting new works for supply of

[illegible] that
[illegible]
Company [illegible]
India [illegible]

cement, and Local Governments are invited to contract for a term of years not exceeding five, if they find that they can rely on obtaining cement of good quality and at prices not higher than the market prices ruling at the time of delivery for imported cement of good quality.

3. It would appear, from para 6 of Mr. Beardmore's letter recorded with G.O. 2337 W dated 9th September 1882, that the price at which the Managing Directors of this Company are prepared to deliver their cement at Madras is Rs 71½ per ton.

Can produce better & cheaper Cement than the Bengal One? in sufficient quantities? -

No information
reached Govt. [illegible]
to any such

2828/20

This price is considered by the Superintendent of the Works to be "prohibitive"

As regards the quality of the article, Mr. Beardmore, after subjecting the sample received by him to a number of tests, considers that the cement is "not a very strong one," and that "it is uncertain in strength"

[illegible]

4. Cement (subject to test) is being supplied from the local works at Madras at Rs. 40/ per ton, but the Company have & not been able to fulfil their engagement as to quantities. In the three

&

G.O. 2370 W d/ 14 Septr./82

months of June, July, and August, 294 tons only were delivered, instead of 600 tons contracted for.

5. A small supply of English imported cement was purchased from a private firm at Rs 42/ per ton, which is about the price of that obtained through the Secretary of State.

6. The foregoing information will be communicated to the Home Government, in reply to the Despatch of the Secretary of State above recorded.

To,
The Supdt. M. H. Works
Do. 6
10

(H.E.)

P18

44

(H.E. No. 2829 wd/ 26 Octr/82)

2828/21

To,
The Right Hon'ble
The Secy: of State for India

My Lord Marquis,

We have the honor to acknowledge the receipt of your Lordship's Despatch No. 17, Public Works, dated 21 September 1882, sanctioning, with certain exceptions, compliance with an Indent for Stores for the Madras Harbour Works, and requesting information as to the cost of cement made in the Bengal Presidency. We have

~~The Hon'ble Mr. Sullivan~~
~~The Rt. Hon. the Governor~~

the honor to forward
in reply copy of our
Proceedings No. 2828 d/26
October /82 containing the
information desired by
your Lordship

Prcd form

20-10-82. RS

Despd: 15/11/82.

To ag Ks

Please see
proposed addition
to para 4 of the
draft Pr. O.
R.S. 21/10

approved
24-10-82. MG

R.S. Cir 20/10 R

2828
22

7310

Govt. of (1882) Madras.

PUBLIC WORKS.

Dated 27/10

Recd. Encl.

G. O. 26th Octr. 1882, No. 2828 W.-
2829 W.

Nos. 187 to 188

~~Cement~~ Stores for the Mtt Works.

Despatch from the
Secy of State sanctioning
with certain exceptions
compliance with an
~~an~~ Indent for —
Cement to the S. Mtt Works
with remarks.

Forwdg copy of Procs:
regarding the prices
of Cement obtained
from the Indian Portland
Cement Coy & from
other sources.
Entd in No. [illegible]

7.6/10 1-27/10

N. Cir 20/10 R