(1) Number of pages 26
(2) Date of repair Feb 1988
(3) Initials of the Referencer lvr

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

PW DEPARTMENT

G.O. No. 1190 (W) ~~B.P. No.~~
Press. / Mis.

Dated 2. 5. 1887 ~~198~~ .

B

Not to be folded or roughly handled.

Archives —I 10,006-9 89

2nd May 1887, No. 1190 W., Public Works.

1190
1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following letter from the Honorable R. W. BARLOW, C.S., Chairman, Harbour Trust Board, to the Secretary to Government, Public Works Department, dated Madras, 20th April 1887, No. 289 :—

I have the honor to forward, herewith, for the information of Government, copy of a letter from the Superintendent, Madras Harbour Works, No. 19, dated 5th March 1887, with a plan, reporting upon the progress made on the Madras Harbour Works during the month of March 1887.

2. With reference to the Superintendent's paragraph 10, the Board have unanimously resolved not to allow Hajee Mahomed Abdulla Badsha Sahib Khan Bahadur any enhancement of rates, but to hold him to his contract.

3. As regards the concluding portion of paragraph 6, I would observe that the Board's decision was not arrived at till the 4th April, and the result was communicated to the Superintendent the next morning.

Enclosure.

From F. N. THOROWGOOD, Esq., M. Inst. C.E., Superintendent, Madras Habour Works, to the Chairman, Harbour Trust Board, dated Madras, 5th April 1887, No. 19.

I have the honor to submit, with a plan, a report of the progress on these works during the past month of March. It is impossible to deny that the weather has not been so favorable for marine engineering as it often is at this time of year, and on the 21st or 22nd the sea was more boisterous than usual owing to a cyclone which touched the coast south of Negapatam.

2. *North Pier Works.*—In the rubble base of the north pier hardly any work was done owing to want of stone from Pallávaram. A total of 718 tons was deposited, of which 533 tons were large boulders to go beneath the wave-breaker blocks. A large quantity of this stone will be required during the current month.

3. In the superstructure the advance has been good, but not up to the best rate of work done in the original design. There were set in March 177 blocks, advancing the work by a length of 111 feet as compared with $73\frac{1}{2}$ in February and $54\frac{3}{4}$ feet in January. The current month of April will be chiefly occupied in protecting what has now been built, with wave-breaker blocks. The total length of new wall now built is 470 feet from point F on plan.

4. During March one diving boat was set to work at the old north pier head where one titan-crane lies buried. A good deal of the crane has been recovered, and also some of the 27-ton blocks overlying the crane. For this purpose an excellent pontoon, the credit of which is more due to Mr. Lee Pogson than to any one else, has been constructed, by means of which a block can be slung heaved up and floated away to be under the scope of a crane, which lifts it up and drops it into the wave-breaker. It answers admirably. The pontoon's power of floatation is achieved by attaching a large iron buoy to each of its four corners.

5. Before April 30th all cranes, diving boats, pontoon, &c., will have to be withdrawn home to shore.

6. *Concrete Block-making.*—Concrete block-making has been going on at a very poor rate during March, partly on account of the very deficient supply of stone from Pallávaram, and partly because the present contractor's time being up on March 31st he latterly took no interest in the work and I had to put on men of our own to supplement his deficient labor, charging their wages to him. I have not up to this date (5th April) learned whose tender for this work was accepted on March 28th* and have consequently forced the present man to keep on up to the 16th instant, that is, for eight more working days.

---

* Information since received.

7. There were only 139 blocks made during March instead of 212 the maximum number that can at present be made. The evil effect of this will not be felt for two months, and I fear this current month of April will not give a good return of blocks, as a new contractor is sure to find difficulties which he knew nothing of when he tendered.

8. *South Pier Works.*—At the south pier rubble base and foreshore was more needed than at the north and 5,246 tons of stone were deposited besides 81 tons of large boulders to form the bottom of the wave-breaker. As reported last month, and I fear the obstacle will last for two months more, great difficulty is caused at the south pier by the 27-ton blocks lying directly in the line of building. Of these no less than eighteen were picked up in March, and were deposited in the wave-breaker of the north pier. I ought to state for information that these recovered blocks *must* be taken round to the north pier to be dropped into the sea as, while the titans are working forward, it is only at the north pier we have a crane capable of dropping the blocks over the side.

9. The length of wall built at the south pier in March was 54½, in February it was 61 feet, and in January 12¾ feet. The total length of new work from G (on plan) was 300 feet on March 31st.

10. *Pallávaram Quarries.*—As stated in my progress report for last month the working of the quarries is unsatisfactory, and the contractor, Hajee Badsha Sahib, has asked me to allow him to give up the contract as he finds he cannot do the work at the rates tendered. To reply decisively to this is evidently beyond my power. The friends (or enemies) of the late Kazim Ali Sahib appear to have been very obstructive, and I am perfectly certain that if it had not been for my frequent and personal interference either the railway line would have been cut or a bridge pulled down, which would have been a very awkward matter to deal with. I myself do not think that Hajee Badsha Sahib is in any way saying what is unreasonable when he demands higher rates, but surely he ought to have tendered higher at first. During March 9,600 tons of stone were sent down to Madras as compared with 13,638 tons in February, 16,696 in January, and 22,050 tons in March 1886. In this month of April it would be undesirable to stop quarrying, but in May such a course would be of less importance.

11. The reason of the insufficient supply is simply that there are not enough good coolies at the quarry, and no satisfactory work will be done until more than double the number of men are employed, all men being of a good stamp to endure the very severe work in those hot quarries.

12. The whole quarrying area, together with the stone lying within the quarry, was handed over to the new contractor on March 15th, and on the 17th he loaded his first train.

13. *Stores received on Works.*—The only stores of importance received on the works during March were 285 sleepers from the West Coast.

ORDER—dated 2nd May 1887, No. 1190 W., Public Works.

Recorded.

(True Extract.)

Captain, R.E.,
Under Secy. to Govt., P.W.D.

To the Chairman, Madras Harbour Trust Board, with one plan.
„ Marine Department.

Exd. P. L. Pereira.
Spare Copies

1190/2

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1887 Madras.

PUBLIC WORKS.

Dated May, 2nd.

Recd. Encl.

G.O., 2nd May 1887, No. 1190 W.

MAY.

Madras Harbour Works

Report of progress on the — during March 1887, recorded.

V. & Co. B.T. No. 1

Harbour Trust Board Office,
MADRAS, 20th April 1887.

No. 289.

1190/13

From
The Honorable R. W. Barlow C.S.
Chairman, Harbour Trust Board,
Madras,

To
Colonel J. O. Hasted R.E.
~~Chief~~ Secretary to Government,
Public Works Marine Department.
Chepauk.

B&R
Civil Works

Sir,

I have the honor to forward herewith for the information of Government, copy of a letter from the Superintendent Madras Harbour Works No 19 dated 5th March 1887 with a plan, reporting upon the progress made on the Madras Harbour Works during the month of March 1887.

2 With reference to the Superintendent's para 10, the Board have unanimously resolved not to allow Hajee Mahomed Abdulla Badsha Sahib Khan Bahadur any enhancement of rates,

but

but to hold him to his contract.

1190

3 As regards to the concluding portion of para 6, I would observe that the Board's decision was not arrived at till the 4th April, and the result was communicated to the Superintendent the next morning

I have the honor to be
Sir
Your most obedient Servant

W. Morton
Chairman
Harbour Trust Board

C. Secy. H.T.B.

cwe

P.W.C. No 3059

G. O. No 910 W 25 – 3 . 87. ✓

B & Roads
Civil works

~~[illegible]~~

~~[illegible]~~

A No. 1190 Wd/ 2nd May 1887

~~Issued~~

Recorded

~~25/4/87~~

Did not the Secy of State ask us to keep him informed of the progress of the work, while the question of a NE entrance with the plan was under consn? If so this sh^d go home at once

26 April

Vide separate note

D 2/5

Chairman M. H. T. Bd with one plan

Marine Dept ✓

G. 22 – 4 . 87. R. 2 – 5 – 87

MARINE DEPARTMENT.

FROM

THE CHAIRMAN,
HARBOUR TRUST BOARD,
MADRAS,

TO

THE CHIEF SECRETARY TO GOVERNMENT,
Marine Department.

DATED } 1886.
RECEIVED 21-4-87

ENCLOSURE

No. Enl 2 (2 plans)

SUBJECT.

With order

1150
5

MARINE DEPARTMENT.

From

THE CHAIRMAN,
Harbour Trust Board,
MADRAS.

To

The ~~Chief~~ Secretary to Government,
Public Works ~~Marine~~ Department.
Chepauk

Dated 20th April 1887
Received

Enclosure 2

Ex. 1

No. 289 P.W. 3059

SUBJECT.

Submitting for the information of Government progress report of the Madras Harbour Works during the month of March 1887.

No. 19.

1190

From

The Superintendent
Madras Harbour Works.

To

The Chairman
Harbour Trust Board.

Madras April 5th 1887.

Sir.

I have the honour to submit, with a plan, a report of the progress on these works during the past month of March. It is impossible to deny that the weather has not been so favourable for marine engineering as it often is at this time of year, and on the 21st or 22nd the sea was more boisterous than usual owing to a cyclone which touched the coast south of Negapatam.

North Pier Works 2. In the rubble base of the North Pier hardly any work was done owing to want of of stone from Pallavaram. A total of 718 tons was deposited of which 533 tons were large boulders to go beneath the wavebreaker blocks. A large quantity of this stone will be required during the current month.

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4. During March one diving boat was set to work at the old North pier head. where one titan crane lies buried. A good deal of the crane has been recovered and also some of the 27 ton blocks overlying the crane. For this purpose an excellent pontoon, the credit of which is more due to Mr. Lee Royson than to any one else, has been constructed by means of which a block can be slung heaved up and floated away to be under the scope of a crane, which lifts it up and drops it into the wavebreaker. It answers admirably. The pontoons power of floatation is achieved by attaching a large iron buoy to each of its 4 corners.

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1190 E/p 58

in the work and I had to put on men of our own to supplement his deficient labour charging their wages to him. I have not up to this date (5th April) learned whose tender for this work was accepted on March 28th x and have consequently forced the present man to keep on up to the 16th instant that is for 8 more working days.

x information since received.

7. There were only 139 blocks made during March instead of 212 the maximum number that can at present be made. The evil effect of this will not be felt for two months, and I fear this current month of April will not give a good return of blocks, as a new contractor is sure to find difficulties which he knew nothing of when he tendered.

South Pier Works.

8. At the South Pier rubble base and foreshore was more needed than at the North and 5246 tons of stone were deposited besides 81 tons of large boulders to form the bottom of the Wavebreaker. As reported last month, and I fear the obstacle will last for two months more, great difficulty is caused at the South pier by the 27 ton blocks lying directly in the line of building of these no less than 18 were picked up in March, and were deposited in the Wavebreaker of the North Pier. I ought to state for information that these recovered blocks _must_ be taken round to the North pier to be dropped into the sea as, while the Titans are working forward, it is only at the North Pier we have a crane capable of dropping the blocks over the side

9. The length of wall built at the South pier in March was 54½ in February it was 61 feet, and in January 12¾ feet. The total length of new work from G. (on plan) was 300 feet on March 31st.

Pallavaram Quarries

10. As stated in my progress report for last month the working of the quarries is unsatisfactory, and the Contractor Hajee Badsha Sahib has asked me to allow him

1190 E/58

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1190

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__Stores Received on Works.__

13 The only stores of importance received on the works during March were 285 sleepers from the West Coast.

I have the honour to be
Sir
Your most obedt. Servant
(Signed) F. W. Thorowgood M.Inst. C.E.
Superintendent Madras
Harbour Works

HARBOUR TRUST BOARD
20 APR. 87
MADRAS

True copy
C Pinsent
Secretary, Harbour Trust Board.

CW4.

Harbour Works
Progress Report for March

IV

Para 2

From a statement of expenditure compared with estimate; it seems that more rubble has been put down at the North Pier than is allowed for in the estimate - so I do not understand why work should have been delayed at the North Pier unless the rubble has been washed away; or the quantity very much under estimated.

I have calculated that according to the estimate - only 30,000 tons of ordinary and 12,000 tons of large rubble are now required from Pallavaram - and there is no occasion for any hurry in this supply, as the rubble base will have had plenty of time to settle long before the concrete blocks are ready.

I notice that all through this report there is an undercurrent of allusion to the Board's action in the matter of the Pallavaram contract - and I think it is much to be regretted - The contractor is trying to take advantage of the situation & to get his rates increased, although he went into the work with his eyes open, for he had a large share of the contract for many years before —

21.4.87

I do not think the Govt. should interfere. The report can be attended to as usual.

25/4/87

Recd 27/4/87

The Hon P.P. Hutchins
His Excy the Governor

12

With reference to remarks by the H. M. on accompanying file the enclosed copy of telegram from Secy of State in G.O. 1001 W. 4th April /87 is ~~forwarded~~ submitted for information, from which it will be seen that the Secy of State asked to be informed of the arrangements proposed in view of a possible change of Entrance.

The Secy of State is at present kept informed of the progress of the works by Mr Parkes' progress reports. If the services of Mr Parkes as Engineer in Chief are dispensed with, it will probably be considered necessary to send the monthly reports home.

27/4/87

All right. We may await report called for on 4th April

PPH
28th

11 50
15

305/9

Govt. of (1887) Madras.

PUBLIC WORKS.

9/5/87

Dated

Recd. Encl.

G.O. [illegible] May 1887, No. 1190 W.

Madras Harbour works

Report of progress on the —— during month of 1887, recorded.

40/13

11/5