Archives I 10,006—16-8 77.

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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P. W DEPARTMENT

G.O. No. / B.P. No. 862 W — Press. / Mis.

Dated 22.3.1879 ~~197~~ .

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

22nd March 1879, No. 862 W.

Buildings and Roads.
Civil Works.

Read the following paper :—

No. 262. Endorsement of the Officiating Chief Secretary to Government in the Marine Department, dated Fort St. George, 13th March 1879, No. 631.

From J. H. TAYLOR, Esq., Lieutenant, R.N.R., Master Attendant, Administrative Department, Madras, to the Acting Chief Secretary to Government, Marine Department, dated Madras, 11th March 1879, No. 2,017.

I HAVE the honor to forward, for the information of His Grace the Governor in Council, a tracing of the plan of moorings proposed by Mr. Parkes for the Madras Harbour. It will be observed that to berth the number of ships proposed by Mr. Parkes the moorings are placed as close, and the vessels placed with relation to one another, as if in a London Dock or tidal river. The plan of mooring is undoubtedly good, and the cost seems very reasonable, including as it does the driving of the screw moorings, and it is impossible to say but that an emergency might bring a large number of ships to Madras (as we have lately had occasion to observe) when in fine weather the whole of the moorings might possibly be brought into use. It is in view of such a possibility I have recommended the plan to the favorable consideration of Government; It being represented to me by Mr. Parkes that the buoys not wanted for use in bad weather, or found inconveniently placed in ordinary Madras weather, can be easily disconnected from the cables and removed to a place of security, the cables remaining on the ground until wanted. Otherwise I should have considered half the number more suitable to the area, and the difficulty of warping in the Harbour, with no tide to steady vessels, and no wind shelter; but if moorings on a wider system were adopted no subsequent change would be convenient if possible in order to meet sudden requirements. The unusually fine seasons of the last three years have, I am disposed to think, given the Harbour Works Engineers and officers too favorable an opinion of Madras weather which can be very disagreeable at times. The moorings, Mr. Parkes informs me, are to be screwed twenty feet into the sand, and will require workmen and appliances specially trained and adapted to the duty, such as would not be available in Madras. Under these circumstances I beg respectfully to recommend the system and estimate furnished by Mr. Parkes.

TRANSFERRED to the Public Works Department with reference to paragraph 5 of that Department Order, dated 5th March 1879, No. 657 W.

(Signed) C. G. MASTER,
Offg. Chief Secretary.

No. 262-A. Proceedings of the Harbour Works Committee at a meeting held on the 3rd March 1879.

No. 262-B. Endorsement of the Officiating Chief Secretary to Government in the Marine Department, dated Fort St. George, 14th March 1879, No. 648.

From J. H. TAYLOR, Esq., Lieutenant, R.N.R., Master Attendant, Administrative Department, Madras, to the Acting Chief Secretary to Government, Marine Department, dated Madras, 13th March 1879, No. 2,127.

IN continuation of my letter, No. 2,017, dated the 11th instant, I have the honor to forward the accompanying two covers and paper just handed to me by Mr. F. N. Thorowgood, Superintendent of the Madras Harbour Works.

MADRAS HARBOUR MOORINGS.

Seven lines of Buoys A, B, C, D, E, Buoys in each line 200 feet apart 1, 2, 3, 4, &c.

Large ships length 300 feet and over.
Small do. under 300 feet.

In north-east monsoon—

Maximum of large ships.

A 1, 2, 3, 4, 5, 6, 7, 8, 9	=	9 berths	10 light draught.
B quarter moorings for A			
C 1, 2, 3, 4, 5, 6	=	6 ,,	7 do.
D 1, 2, 3, 4, 5, 6	=	6 ,,	
E quarter moorings for D			
F 1, 2, 3, 4, 5, 6, 7, 8, 9	=	9 ,,	10 do.
G quarter moorings for F			
		30 large	3 light draught.

Maximum of small ships.

A 1, 2, 3, 4, 5, 6, 7, 8, 9, 10	=	10 berths	1, 2, 3 may be large.
B 4, 5, 6, 7, 8, 9, 10	=	7 ,,	
C 1, 2, 3, 4, 5, 6, 7	=	7 ,,	1—6 may be large.
D 1, 2, 3, 4, 5, 6, 7	=	7 ,,	
E 1, 2, 3, 4, 5, 6, 7	=	7 ,,	
F 1, 2, 3, 4, 5, 6, 7, 8, 9, 10	=	10 ,,	1—9 may be large.
G quarter moorings for F		48 ,,	of which 18 may be large.

In south-west monsoon—

The same arrangement except that ship's heads reversed so that A and F become quarter moorings for B and G, and for large ships C becomes quarter mooring for D.

In cyclone seasons the following berths to be kept for vessels that cannot be sent to sea at 12 hours' notice :—

(1).—B 1, 4, 7. D 1, 4. F 1, 4, 7 = 8 berths for large ships, or

(2).—B 1, 3, 5, 7, 9. C 1, 3, 5. D 1, 3, 5. E 1, 3, 5. F 1, 3, 5, 7, 9 = 19 for small ships, or for mixed large and small.

(3).—B 1, 4. D 1. F 1, 4 = 5 berths for large and B 7, 9. C 4, 6. D 5. E 4, 6. F 7, 9 = 9 berths for small.

FORWARDED to the Public Works Department in continuation of endorsement, No. 631, dated 13th March 1879.

(Signed) C. G. MASTER,
Offg. Chief Secretary.

No. 262-C. From the Master Attendant, Administrative Department, Madras, to the Under Secretary to Government, Public Works Department, dated Madras, 14th March 1879, No. 2,149.

WITH reference to your demi-official letter of yesterday's date, I have the honor to inform you that the Proceedings of the Harbour Works Committee, dated 3rd instant, relating to the moorings, was forwarded by the Master Attendant, as Secretary to the Committee, to the Chief Secretary to Government, Marine Department, and a copy of the same is herewith forwarded.

Proceedings of a Meeting of the Harbour Works Committee held on Monday, the 3rd March 1879, at 5 P.M.

PRESENT.

Colonel W. FAREWELL.
Captain J. H. TAYLOR.
R. C. WALKER, Esq.
A. MACKENZIE, Esq.

Mr. Thorowgood reports that the Government has desired him to apply to the Forest Department for sleepers, that he has done so, but not received an answer. In the mean time he is buying sleepers for immediate wants from Palghat at Rupees 3-1-0 delivered in Madras.

RESOLVED.—The Committee approves of these temporary purchases, pending reply from Forest Department.

Mr. Thorowgood reports that he will shortly be in want of cement, and that 3,000 tons has been ordered from England by telegram. That he has 400 tons of General Morgan's cement, but which is not sufficiently weathered to use ; that he made up 20 blocks of this cement the other day, and all fell to pieces. The cost of cement and labor on those 20 blocks is about Rupees 3,000. Mr. Thorowgood suggests that this cost shall be deducted from General Morgan's bills.

RESOLVED.—Mr. Thorowgood to inform General Morgan that the Committee propose to deduct the cost of cement and labor in respect of above 20 spoiled blocks from the bills now unadjusted, unless he can give satisfactory explanation, or show good grounds for exemption from the charge.

Captain Taylor mentions that Mr. Parkes has requested him to bring forward the question of moorings and lays plan on the table. The system shown in the plan has been approved in the Marine Department. The estimated cost is 3½ to 4 lakhs.

Mr. Parkes having personally attended and explained the plan.

RESOLVED.—That this plan be forwarded to Government through the Marine Department for favorable consideration.

No. 263. ORDER THEREON, 22nd March 1879, No. 862 W.

THE Government are of opinion that it will be desirable to lay down, in the first instance, only half of the proposed number of moorings, in such positions that the others could be hereafter added, if required.

2. Mr. Parkes will be requested to report upon this point, and to submit the estimate for the moorings as soon as possible.

3. Inquiry will be made in the Marine Department whether any, and what, moorings are in store at Calcutta.

(True Extract.)

Colonel, R.E.,
Ag. Secy. to Govt., P.W.D.

To the Superintendent, Madras Harbour Works.
,, the Marine Department.
,, Mr. W. Parkes, M.I.C.E.

Exd. C. Howarth.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1879} Madras.

PUBLIC WORKS.

To

The SUPERINTENDENT,
MADRAS HARBOUR WORKS,
&c., &c., &c.

Dated March 22nd.

Issued

Recd. *Encl.*

G. O., 22nd March 1879, No. 862 W.

MARCH.

Nos. 182-183.

Moorings for the Madras Harbour.—Mr. Parkes to report on the subject of — and to submit the Estimate.

P 1 862/3

Administrative Department.

Forwarded

No: 2017

MADRAS,
Marine Office,
11th March 1879.

From

J. H. TAYLOR, Esq., Lieut., R.N.R.,
Master Attendant,
Administrative Department,
Madras.

To

C. G. Master Esquire
Acting *Chief Secretary to Government,*
Marine Department,
Fort Saint George.

Sir,

I have the honor to forward, for the information of His Grace the Governor in Council, a tracing of the plan of moorings proposed by Mr Parkes for the Madras Harbour. It will be observed that to berth the number of Ships proposed by Mr Parkes, the moorings are placed as close, and the vessels placed with relation to one another, as if in a London Dock or tidal river. The plan of mooring is undoubtedly good, and the cost seems very reasonable, including as it does the driving of the screw moorings, and it is impossible to say but that an emergency might bring a large number of Ships to Madras (as we have lately had occasion to observe) when in fine weather the whole of the moorings might possibly

3 be

be brought into use. It is in view of such a possibility, I have recommended the plan to the favorable consideration of Government. It being represented to me by Mr Parkes that the buoys not wanted for use in bad weather, or found inconveniently placed in ordinary Madras weather, can be easily disconnected from the cables and removed to a place of security, the cables remaining on the ground until wanted. Otherwise, I should have considered half the number more suitable to the area, and the difficulty of warping in the Harbour, with no tide to steady vessels, and no wind shelter; but if moorings on a wider system were adopted, no subsequent change would be convenient if possible in order to meet sudden requirements. The unusually fine seasons of the last three years has have I am disposed to think given the Harbour Works Engineers and Officers too favorable an opinion of Madras weather, which can be very disagreeable at times. The moorings Mr Parkes informs me are to be screwed twenty feet into the sand, and will require workmen and appliances specially trained and adapted to the duty, such as would not be available in Madras. Under these circumstances I beg respectfully to recommend the system and estimate furnished by Mr Parkes.

I have the honor to be
Sir
your most Obedt Servant
J H Taylor
Master Attendant
Administrative Department

No 631

Transferred to the Public Works Department with reference to para: 5 of that department order of 5. March 1879: No. 657. W.

C. G. Master
Offg. Chief Secy

Hat. Ld. Lenyi
13. March/79

with Tracing

12/3/79 No 149 Genl
13/3/79 No 247 Genl

Harbour (1879) Report
Madras Harbour

* Rect. Vide Chio 3891

From
The Master Attendant,
Administrative Department,
Madras,

To
The Chief Secy. to Govt.,
Marine Department,
Fort Saint George.

Dated 11th } March 1879
Received 12 }

No. 2017

Enclosure. 1

No 195

Reports on the accy tracing of the plans of drainage proposed by Mr Parkes for the Madras harbour

Vide Enclosure

Pres 22-3-79 No 862 W

Cir 15/3.

862/7

Administrative Department.

No. 2127

Madras,
Marine Office,
13th March 1879.

From
J. H. TAYLOR, Esq., Lieut., R.N.R.,
Master Attendant,
Administrative Department,
Madras,

To
C. G. Master Esquire
Acting Chief Secretary to Government,
Marine Department,
Fort Saint George.

Sir,

In continuation of my letter No. 2017, dated the 11th instant, I have the honor to forward the accompanying two covers and paper just handed to me by Mr F. N. Thorowgood, Superintendent of the Madras Harbour Works.

I have the honor to be
Sir
your most Obedt Servant
J H Taylor
Master Attendant
Administrative Department

AM

9

No. 648

Forwarded to the Public Works Department in continuation of endorsement No. 631. dated 13th March /79.

Fort Saint George
14th March /79. with an encl. + 2 covers.

Clemson
Offg Chief Secretary

Marine /1879 / Deposit
Madras Harbour

Form
The Master Attendant,
Administrative Dept.,
Madras,

To
The Chief Secretary to Govt.,
Marine Department,
Fort Saint George.

~~1208~~

Dated 13 } March 1879.
Received 13 }

No. 2127

Enclosure. 3;

~~Forwards the copy 2 covers and papers sent handed to him by Mr. F. N. Thorowgood.~~

With Endorsement.

1 Enclosure containing moorings sent to Master Attendant vide Chs. 3891

20/5.

Reg 22-3-79

87

82/8

ADMINISTRATIVE DEPARTMENT.

MADRAS,
Marine Office,
14th March 1879.

No. 2149.

From
THE MASTER ATTENDANT,
ADMINISTRATIVE DEPARTMENT,
MADRAS,

To
Colonel W. Farewell
Under Secretary to Government, P. W. Dept.

SIR,

With reference to your demi-official letter of yesterday's date, I have the honor to inform you that the Proceedings of the Harbour Works Committee dated 3rd Instant, relating to the moorings, was forwarded by the Master Attendant, as Secretary to the Committee, to the Chief Secretary to Government, Marine Department, and a copy of the same is herewith forwarded.

No 2014

I have the honor to be
Sir,
Your most Obedt Servt

W. Bartlett
Master Attendant
Administrative Departt

MR

10

The Master Attendant,
Administrative Department,
Madras,

To
The

Dated the } March 1879.
Received

No. 2142

Forwards copy of the
Proceedings of Harbour
Works Committee &c:
[illegible] to the [illegible]
the [illegible]
end.

R.D. 27-2-79 No. 608 W.
5-3-79 - 657-658 & 659 W

Pro of 12-3-79 No. 862 W

Cir 15/3

No 8

862/5

Proceedings of a meeting of the Harbour Works Committee, held on Monday the 3rd March 1879, at 5 P. M.

Present

Colonel Farewell
Captain J. H. Taylor
R. C. Walker Esquire
A. Mackenzie Esquire

Mr Thorowgood reports that the Government has desired him to apply to the Forest Department for Sleepers, that he has done so, but not received an answer. In the meantime he is buying sleepers for immediate wants from Palghat at Rupees /3-1-0/ three and anna one, delivered in Madras.

Resolved — The Committee approves of these temporary purchases, pending reply from Forest Department.

Mr Thorowgood reports that he will shortly be in want of Cement and that 3000 ton has been ordered from England by telegram. That he has 400 tons of General Morgan's Cement, but which is not

sufficiently

sufficiently weathered House. That he made up 20 blocks of this cement the other day, and all fell to pieces. The cost of cement and labour on those 20 Blocks is about Rupees /3000/ three thousand. Mr. Thorowgood suggests that this cost shall be deducted from General Morgan's bills.

Resolved — Mr. Thorowgood to inform General Morgan that the Committee propose to deduct the cost of cement and labour in respect of above 20 spoiled blocks from the bills now unadjusted, unless he can give satisfactory explanation, or show good grounds for exemption from the charge.

Captain Taylor mentions that Mr. Parkes has requested him to bring forward the question of moorings and lays plan on the table. The system shown in the plan has been approved in the Marine Department. The estimated cost is (3½) three and

half

half to /4/ four lakhs.

Mr. Parkes having personally attended and explained the plan, Resolved — That this exp plan be forwarded to Government through the Marine Department, for favourable consideration.

(Signed) A. Mackenzie
(") R. C. Walker
(") J. H. Taylor
(") W. Farewell Col:

True copy

W. H. Bartlett
1st Asst. Master Attendant
Administration Dept.

Mt

Reg 22-3-79 No 862 W

862/9

Endorsement of the Marine Departt. No. 631, dated 13th March 1879, on letter from the Master Attendant, No. 2017, dated 11th March 1879.

Proceedings of Harbour Works Committee at Meeting held on 3rd March.

Endt. of the Marine Departt. No. 648, dated 14th March /79.

FOR ORDERS.

I don't myself gather from the plan or the papers that berths for some many as 60 vessels are provided. No estimate is submitted. Capt Taylor says the cost includes that of fixing the moorings. I understd. that Mr Parkes estimates the whole to cost £40000. It is a good deal more than 4 lakhs [illegible].

As regards meeting the cost by reappropr.n of the sanction of R. 82,000 I think [illegible] & should [illegible]

The plan prepared by Mr. Parkes provides berths for sixty vessels. These berths are arranged in six lines, parallel to the Harbour piers. Four of the lines contain each ten berths; two lines, seven berths; and the centre line, six berths.

The lines are placed at about 440 feet from centre to centre; while the berths in each line are about 200 feet from centre to centre.

In

In his letter printed with the Proceedings of Government under date the 5th instant, No. 558 W, Mr. Parkes estimated the cost of the moorings at £40,000; and suggested that, by a rearrangement of the estimate, that sum could be found within the present sanction. The Government have however declined to approve the proposed rearrangement.

In a note circulated herewith, the Master Attendant states that a large number of moorings are believed to be available in Calcutta; but it appears doubtful whether they would be suited for use in the Madras Harbour.

15/3.

Coll. R.E.

Ag: Secy. to Government
P.W.D.

15th March 1879.

FOR ORDERS.

very considerable extent that Parkes asked we approved the do. we relinquish in effect that he considers are excess provision for the Harbour works. If we did so. we shd. certainly have nothing to appropriate for moorings. The thing is essential protecting the Harbour. & I do [illegible] the Estimate [illegible] [illegible] [illegible] it

pp provision of what is approved.

If moorings for [illegible] needed [illegible] provided [illegible] [illegible] the do. is [illegible]

I shd have been inclined to lay down in 1st instance half the number in such position that the others could if found desirable be hereafter added —

I would get report on this point — and ascertain from Calcutta whether they have any & what moorings in store — by the time we know this perhaps the estimate will be in. 20/3

862/11

B&R
Cl Works

No. 862 W Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT,

UNDER date the 22nd March/79

Read the following :—

Endorsement in the Marine Deptt. } (H.E. No. 631 d/ 13th March/79).

Pro: of Harbour Works Committee at a meeting held on the 3rd March 1879.

Endorsement in the Marine Deptt. } (H.E. No. 648 „ 14th March/79.

Letter from the Master Attendant } („ — „ 2149 „ 14th — „ — „)

The Govt. are of opinion that it will be desirable to lay down, in the first instance, only half of the proposed number of moorings, in such positions that the others could be hereafter

Cir 15/3.

added, if required.

Mr. Parkes will be requested to report upon this point; and to submit the estimate for the moorings as soon as possible.

Enquiry will be made in the Marine Dept. whether any, and what moorings are in store at Calcutta.

21/3.

Supdt. H. Works
Marine Deptt.
Mr. H. Parkes. M.I.C.E.

Desp. 21-3-79

G. E. M. S.

862/12

Govt. of {1879} Madras

PUBLIC WORKS.

100 2217

2-3

To

Dated

Issued

Recd.

Each

G. O., 22 Mar 1879, No. 862A

Nos. 262-263

Moorings for the Madras Harbour Mr Parkes to report ~~upon~~ on the subject of — and to submit the Estimate.