M.R.O. 1—77,006—8-6-31.

(1) Number of pages 2

(2) Date of repair

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 1885 Press Mis.

200-01

Dated 10 6 1869.

67

Not to be folded or roughly handled

Proceedings of the Madras, Government, Public Works Department,
10th June 1869.

No. 200. Read the following Proceedings of the Madras Government in the Marine Department, dated 3rd June 1869, No. 128.—

Read the following letters:—

From the Superintending Engineer, 7th Division, to the Secretary to Government, Public Works Department, dated Coonoor, 20th May 1869, No. 33.

To avoid delay, as far as lies in my power, I submit herewith in reference to G O, No 1,570, of 13th May, the specification and plan ofa ScrewPile Pier at Calicut, which Mr William Maylor has tendered to build at a cost of Rupees 64,000, and to which I alluded in my letter printed with G O., in the Marine Department, No. 290, of 9th October 1868; in the 4th paragraph of the same letter, I also referred to materials for a pier, which at that time I had ascertained to be available at Carwar.

2 With reference to G O, No 2,261. of 15th July 1868, I have to report that I consider, as perfectly sufficient for the site it is to occupy, the kind of structure proposed by Mr. Maylor, and which is approved by the merchants and Master Attendant of Calicut, as adapted to accommodate the trade of that port. It is the exact copy of a pier which has for years stood far rougher weather and usage in Ireland, than will be encountered at Calicut. If, therefore, the Government are prepared to make the allotment and advances from Port Funds, detailed in my letter already alluded to, there is nothing to prevent Mr Maylor giving out his orders for the preparation of materials I do not object to cast-iron piles for want of strength, but because all I have read on the subject leads me to consider them inferior to wrought-iron when in contact with sea water.

3 I have, however, called upon Mr Maylor, through the Calicut Range Officer, to modify and add to his plan and specification to the following extent, viz, the connection of his pier from low water mark, with the Beach road, by as many additional spans as they may agree on terminating in a masonry abutment and wings; secondly, the substitution of turn-tables for the impracticable curves proposed by him; thirdly, the provision of a certain number of waggons as well as rails, fourthly, the adoption of greater thickness for his planking and longitudinal beams, and, fifthly, the assumption of liability for the security of the structure from damage by sea (not by boats) during the first monsoon after its completion.

4. I have also requested the Executive Engineer to lay before the community and Collector, for consideration, the following questions, viz, whether a railing along the pier might not be dispensed with, and its whole length, on both sides as well as its head, be made available for use? Whether a single line of rails for the bulkier goods would not suffice? Both the above proposals being designed to facilitate the general traffic of the place. Prolongation of any rails that may be laid down, as far as the Custom House, being a *sine-qua-non*; the ultimate site of that building has also to be determined in connection with that of the pier, which Lieutenant Cumming and Mr. Maylor will settle in concert, after taking the necessary soundings and borings.

REFERRED to the Marine Department, with reference to the Order in that Department, No. 87, of the 21st April 1869.

FORT ST. GEORGE,
26*th May* 1869.

(Signed) CHARLES A. ORR, Colonel, R E.,
Secretary to Government, P.W. D.

From the Superintending Engineer, 7th Division, to the Secretary to Government, Public Works Department, dated Coonoor, 29th May 1869, No. 41.

In continuation of my letter No. 33 of 20th May, I have the honour herewith to forward an amended tender and specification submitted by Mr Maylor for the proposed Pier at Calicut, wherein he has complied with the few requirements which I have thought it necessary to make. I consider myself, therefore, justified in recommending their acceptance by Government

2 I am not aware of Mr. Maylor's address at Madras, but write in hopes that he will call at the Government Office before embarking for England, when I trust you will be able to arrange with him for deposit of such security as the Government may think necessary prior to making the advances stipulated At Rupees 10,000 in June, and Rupees 3,000 for nine months after, they will amount to Rupees 37,000 in 1869-70, and Rupees 27,000 in 1870-71 I am not sure of their necessity, being under the impression that contracting firms in England would be satisfied with half-payment on delivery of Shipping Invoice at the India House. Certainly, I am not competent to advance money without security in full.

3. On the question of the best site for the pier, I will address you separately at more leisure.

From W MAYLOR, Esq, to Lieutenant W G CUMMING, R E, Executive Engineer, Department Public Works, dated Calicut, 2/th May 1869.

With reference to the conversation I have had with you respecting the Calicut Pier, I have now the honour to tender for the construction of the work as per specification now enclosed, and the drawing previously submitted to the Superintending Engineer of the 7th Division, for the sum of Rupees sixty-four thousand (Rupees 64,000), payable as follows —Rupees 10,000 on acceptance of tender, and further sums of Rupees 3,000 monthly for fifteen months, balance to be paid on completion of Contract

I can undertake to complete the work by the end of next year, provided my tender is accepted before the 2nd proximo, on which date I leave Madras for England

With regard to the timber in the Beypoor Pier, I shall be happy to purchase any that may be suitable, provided it can be supplied to me at the same rate as I can get timber, such as I require, from timber merchants here, viz, Rupees 23 for one hundred Kobs.*

* A Malayalum Kob is equal to 2 feet 4 inches × 1 foot 2 inches × 1¼ inches

P S —I am also prepared to guarantee the stability of the pier during the monsoon succeeding its completion, such liability to cover damages from the action of the sea only, and not such as may be caused by boats, &c, accidentally drifting against the work.

The Government approve of the plan and specification of the proposed screw pile pier at Calicut, and sanction the work being confided to Mr. Maylor of Calicut, on the terms proposed by him.

2. The necessary funds will be provided from the Port Funds, and transferred to the Department Public Works upon its being intimated that Mr. Maylor has executed the usual Contract and furnished the necessary security.

(Signed) R. S. ELLIS,
Chief Secretary.

No 201. Order thereon, 10th June 1869, No. 1,885.

CIVIL WORKS, No. 33.

Mr. W. Maylor's letter dated Calicut, 26th May 1869, to the address of the Executive Engineer of that Range,

with the specification of the proposed Iron Screw Pile Jetty for the Calicut Roads, as per drawing signed by Mr Maylor on the 27th July 1868, will be forwarded to the Government Solicitor, who will be requested to prepare a draft of a Deed under which Mr. Maylor will undertake the construction of the Pier in question, in accordance with the said specification, for the sum of Rupees 64,000, on the following conditions, supplying labour, materials, plant, superintendence and every thing necessary.

(1.) Rupees 10,000 to be advanced at once on suitable security for that amount being given.

(2.) Rupees 15,000 more on the production of Bills of Lading of the whole of the iron work for the Pier

(3.) Further advances, to the aggregate extent of Rupees 19,000, to be made from time to time as the construction of the pier is proceeded with, on the Superintending Engineer being satisfied that work to the value of the several advances has been performed.

(4.) The balance of Rupees 20,000 to be paid on the completion of the Pier to the satisfaction of the Superintending Engineer, as certified by him.

(True Extract)

Colonel, R. E.,
Secretary to Government.

To the Government Solicitor
,, Superintending Engineer, 7th Division
,, Marine Department

Exd. S T. Augustin.

Govt. of {1869} Madras.

PUBLIC WORKS.

To

THE GOVERNMENT SOLICITOR

Dated June, 10th

Recd *Encl*

G. O, 10th June 1869, No 1,885.

JUNE.

Nos. 200-201

Screw Pile Pier at Calicut—The Government Solicitor requested to prepare a draft of a Deed under which Mr. Maylor will undertake the construction of a screw pile pier at Calicut, Malabar District.

5F

Supt Engrs Office y^th Nov^r
Coonoor 20^th May 1869.

No. 33

From

Colonel G. H. Walker R.E.
Supt Engineer y^th Nov^r

To,

Colonel C. A. Orr R.E.
Secretary to Government.

Sir,

Enclosures 2.

To avoid delay, as far as lies in my power, I submit herewith, in reference to G.O. No. 1570 of 13^th May, the Specification and Plan of a Screw Pile Pier at Calicut which Mr. William Maylor has tendered to build at a cost of Rs. 64,000, and to which I alluded in my letter printed with G.O. in the Marine Department No. 290 of 9^th October 1868 – In the 4^th para of the same letter I also referred to materials for a Pier which at that time I had ascertained to be available at Canvar –

2. With reference to G.O. No. 2261 of 15^th July 1868 I have to report that I consider as perfectly sufficient for the site it is to occupy, the kind of structure proposed by Mr. Maylor, and which is approved by the Merchants and Masters Attendant of Calicut as adapted to accommodate the trade of that Port – It is the exact Copy of a Pier which has for years stood far rougher weather and usage, in Scotland, than will be encountered at Calicut – If therefore the Government are prepared to make the allotment and advances from Port Funds detailed in my letter already alluded to, there is nothing to prevent Mr. Maylor giving out his

orders for the preparation of materials - I do not object to Cast Iron Piles — for want of Strength, but because all I have read on the subject leads me to consider them inferior to Wrought Iron when in Contact with Sea Water.

3. I have however called upon Mr. Maylor the Calicut Ranger Officer to modify and add to his Plan and Specification to the following Extent - viz. the Connection of his Pier from Low Water Mark, with the Beach Road by as many additional spans as they may appear, terminating in a Masonry abutment and Wings - 2nd/y the substitution of Iron Tables for the impracticable arches proposed by him - 3rd/y the provision of a certain number of Waggons as well as Rails - 4th/y the adoption of greater thickness for his planking and longitudinal Beams - And 5th/y the assumption of liability for the security of the Structure from damage by Sea (not by Boats) during the 1st Monsoon after its Completion -

4 I have also requested the Executive Engineer to lay before the Community and Collector for Consideration the following Questions, viz. Whether a railing along the Pier might not be dispensed with and its whole length on both sides as well as its Head be made available for cargo? Whether a single line of rails for the bulkier Goods would not suffice? Both the above proposals being designed to facilitate the General Traffic of the place - Prolongation of any rails that may be laid down, as far as the Custom House, being a sine qua non, the ultimate site of that building has also to be determined in connection with that of the Pier, which Capt Cumming & Mr. Maylor will settle in Concert

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after taking the necessary Soundings and Borings -

I have the honor to be,
Sir,
Your most obt Servant
G. Walker Col. R.E.
Supg Engineer 4th Div.

Referred to the
Marine Department
with reference to the
order in that Dept.
No 69 of the 21 April
1869.

Wm. A. M-
Col. RE.

Secy: to Govt Pub. Wks. Dept.
Fort St George
28 May 69

To The Marine Dept.
3 Jy

Fr. 1869 Dept
Enamel
2340 A
No 242
From
The Superintending Engineer
(1)
To The Secretary to Govt
P.W.D.

No 23
Dated 20th } May 1869
Received 25th }
No 182
Enclosure 2

Submits Specification and Plans of a Screw Pile Pier at Calicut which Mr Wm Mayor has tendered to build at a cost of Rs 64,000

Referred with an Order

No 128 — 3 June 69.

The Government approve of the plan and specification of the proposed Screw Pile Pier at Calicut, and sanction the work being confided to Mr Mayor of Calicut on the terms proposed by him.

The necessary funds will be provided from the Port Funds and transferred to the Department Public Works upon its being intimated that Mr Mayor has executed the usual contract and furnished the necessary security.

Public Works Deptt — with 2 Encls.
Master Attendant Madras
Accountant General
Coll & Malabar

Govt. of {1869} Madras.
No. of Letter for June
Marine

To
The Public Works Dept.
Fort

Dated June 3
Recd. Encl

G O 3 June 1869, No 720

Nos. 3. 4.

No 1885 - 10 June / 69

Approving of the plan & Specification of the proposed Screw Pile Pier at Calicut & authorizing sanction to the work being Confided to Mr. Traylor of Calicut on the terms proposed by him.

No 200

Govt

Calicut 26th May 1869

No 29 - 5 - 65

Lieut. W. G. Cumming R.E.
Executive Engineer S.P.W.
Calicut

Sir

With reference to the Conversation I have had with you respecting the Calicut Pier, I have now the honor to tender for the Construction of the work as per specification now enclosed, and the drawing previously submitted to the Superintending Engineer of the 4th Division, for the sum of Rupees Sixty four Thousand (Rs 64,000) payable as follows Rs 10,000 on acceptance of tender, and further sums of Rs 3500 monthly for fifteen months, balance to be paid on Completion of Contract.

I can undertake to complete the work by the end of next year provided my tender is accepted before the 1st Proximo on which date I leave Madras for England.

With regard to the Timber in the Beypoor Pier I shall be happy to purchase any that may be suitable provided it can be supplied to me at the same rate as I can get timber such as I require from Timber Merchants here, viz Rs 23 per one hundred Kobs

I have the honor to be
Sir
Your most obedt servant
W. Traylor

& Malayalim Kobe is equal to 8 ft 4 in x 1 ft 2 in x 1½ inches.

over

I am also prepared to guarantee the stability of the Pier during the monsoon succeeding its Completion such liability to cover damages from the actions of the sea only, and not such as may be caused by Boats or accidentally drifting against the work.

W. M.

No 41. Cornor 29th May 1869.

From Colonel G. W. Walker R.E.
Supg Engineer W.C.

To Colonel L. A. Orr R.E.
Secy to Govt. D.P.W.
Madras

Sir In continuation of my letter No: 33 of 20th May I have the honour herewith to forward a memorandum Tender and Specification submitted by Mr Mayor for the proposed Pier at Calicut; wherein he has complied with the few requirements which I have thought it necessary to make. I consider myself therefore justified in recommending their acceptance by Govt.

I am not aware of Mr. Mayor's address at Madras but write in hopes that the letter will call at the Govt. Office before embark-

Public Works Department

No. 1895

Proceedings of the Madras Government

Under date the 10th June 1869.

Read the following

From Mr. Govt. Marine Dept. } M.E. No. 128 of 3rd June 1869

Mr. W. Maylor's letter dated Calicut 26th May 1869 to the address of the Executive Engineer of that Range, with the Specification of the proposed Iron Screw pile Jetty for the Calicut roads, as per drawing signed by Mr. Maylor on the 27th July 68. will be forwarded to the Government Solicitor, who will be requested to prepare a draft of a deed under which Mr. Maylor will undertake the construction of the Pier in

NOM

A.P.A.

Pg for England, when I trust you will be able to arrange with him for deposit of such Security with the Govt. may think necessary prior to making the advances stipulated at Rs 10,000 in June, Rs 3000 for 9 months after, say Rs 37000 will amount to Rs 27000 in 1869-70, & Rs 27000 in 1870-71 — Should circumstances of their necessity being made the impression that Contracting Firms in England would be satisfied with half payments on delivery of Shipping Invoice at the Indian Ports — I entirely concur with Mr. Govt. in the expediency of obtaining Security in full —

On the question of the best Site for the Pier I will address you separately at more leisure —

I have &c

Superintendent

on questions in accordance
with the said Specification
for the sum of Rs. 64,000
on the following conditions, supplying labor, materials, plant
and superintendence.

1. Rs. 10,000 to be advanced
at once on suitable security
for that amount being
given.

2. Rs. 15,000 more on the
production of Bills of lading
of the whole of the iron
work for the Pier.

3. Further advances to
the aggregate extent of Rs.
19,000, to be made from
time to time as the con-
struction of the Pier is
proceeded with, on the
Supt Engineer being satis-
fied that work Rs

the value of the several ad-
vances has been performed.

4. The balance of Rs.
20,000 to be paid on the
completion of the Pier to
the satisfaction of the
Supt Engineer as certified
by him.

To
The Government Solicitor (with
Supt Engr's letter and drawing)
" Supt Engr's Office
" Marine Depot

Depd 11/6/69.

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4

20 F 11/213

Cuc 2162

Govt. of {1869} Madras.

PUBLIC WORKS.

To The Government Solicitor

Dated

Recd Fd

G O 10th June 1869 No. 1885

Nos. 210-211

Screw pile piers at Calicut.

The Sub Collector requested to prepare a draft of a Deed under which Mr. Naylor will undertake the construction of a Screw pile pier at Calicut, Malabar D/o.