

(1) Number of pages 44
 (2) Date of repair 22.9.87
 (3) Initials of the Referencer J

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

PWD. DEPARTMENT

G.O. No.	1423/1424.	Press.
B.P. No.		Mis.
Dated	6. 6. 1884	197 .

Not to be folded or roughly handled

2141

33
1423/1424
6TH JUNE 1884, No. 1424 W., PUBLIC WORKS.

1423 Copy No.
PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

LETTER—from

COLONEL J. SHAW-STEWART, R.E.,

*Secretary to the Government of Madras,
Public Works Department,*

To

MESSRS. RICHARDSON AND CRUDDAS,
BOMBAY.

SIRS,

I am directed to acknowledge the receipt of your letter, G. No. 3184, dated 29th April 1884, on the subject of your tender for the construction of a pier at Vizagapatam, and to inform you in reply that, pending further inquiry which is now being made, the Government have resolved to hold the project in abeyance.

I have the honor to be,
Sirs,
Your most obedient servant,

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

OOTACAMUND,
6th June 1884.

Exd. A. Aubert.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1884) Madras.
PUBLIC WORKS.

Dated June, 6th.

Recd.

Encl.

6th June 1884, No. 1424 W.

JUNE.

Pier at Vizagapatam

Messrs. Richardson and Cruddas of
Bombay who tendered for the construction of
a — informed that the project will be held in
abeyance pending further inquiry.

Administrative Department.

MADRAS,

Marine Office,

No. 4366

12th May 1884

1423/1420
3

From

THE MASTER ATTENDANT,

ADMINISTRATIVE DEPARTMENT,

Madras,

To

Messrs. Richardson & Cruddas,
Bombay.

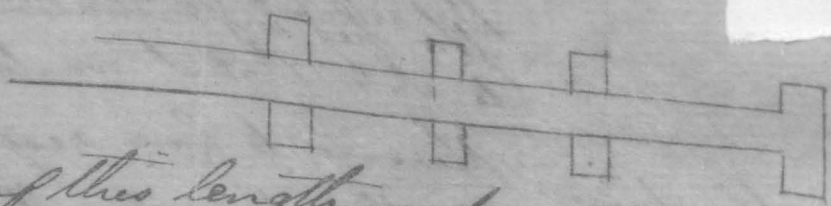
Sir, Dear Sir,

In reply to your letter enclosing
copy of one to the Secretary to Government,
Department Public Works, I have the honor
to state that it would have given me great
pleasure to have reopened the subject
of the Pier for Madras, if the enormous
difference in estimates between the
Pondicherry Contractors and yourselves
had allowed me for a moment to ima-
gine that any reconsideration of the
question could have led to business. The
estimate for the Pondicherry Pier of
623 feet, complete in all its details of
furniture &c. was Rupees 1,62,99 3/4
while the estimate sent in by you was
Rupees 1,85,55 1/2 (without including the
expense of erection which would have
made a considerable addition) for
an almost identical work. The French

3 Pier

Pier comes up entirely to our wants and money is a great consideration.

2 It so happens that some delay is likely to occur in the matter of Vinagapatam Pier, but a similar work, only longer, is wanted for the Port of Kopalpur, namely 900 feet. The Pondicherry Pier to compensate for its want of breadth in proportion to its length has three constructions resembling the T head as shown in rough sketch



3 A Pier of this length and construction, I find costs on the Pondicherry pattern, complete with ladders, cranes, turn tables, &c., under two lakhs of Rupees, and the Government of Madras is pushing enquiries, in order to see if the constructors will undertake similar work for Kopalpur. At the comparative rate for increased length &c. shown in your estimate, I could only expect to find about 3 lakhs and half demanded. I received also several other plans from Engineering firms in India, but none that could approach comparison with the French costs

cost for sufficiently good work and material.

Your estimate is herewith returned.

1423/1424

I have &c.
(Signed) J. H. Taylor
Master Attendant
Administrative Department.

3 True copy submitted to the Chief Engineer, Department Public Works, for his information.

Madras
Marine Office
7th May 1886

J. H. Taylor
Master Attendant
Administrative Department.

Dec 3928

68 copies

(15)

Nov 8 1884

Communicating
letter to Messrs
Richardson &
Cruddas re
Construction of
Pier.

Dated 7 May 1884
Received No. 4367

From
THE MASTER ATTENDANT,
ADMINISTRATIVE DEPARTMENT,
Madras.
To
The Chief Engineer,
P.W.D.

No. 1423
1423

7/6. 6. 84

Amth. reply to
18/5/84

20.5.01

RICHARDSON & CRUDDAS
BOMBAY.
FOREIGN TELEGRAPHIC ADDRESS
"CRUDDAS."
CORRESPONDING FIRM,
CRUDDAS & HEWETT
LONDON.

BOMBAY, 29th April 1884

No. 3184

1423/1424
5 R 4

The Secretary,
Madras Government.
Public Works Department,
Madras.

Sir,
In reply to an invitation from the Master Attendant Madras we had the honor of tendering for the construction of a pier at Vizagapatam as copy of our letter herewith enclosed.
The only data we had to go upon were the leading dimensions of a pier at Pondicherry which we learnt had been constructed by a firm of French Engineers. We had no absolute particulars regarding the nature of the design of this Pondicherry Pier and we therefore assumed that we were to use our own discretion as to the character of the material and consequent durability of the pier when completed.
As you can judge from our tender we have in making our estimate acted throughout on the assumption that a Pier of better quality than that at Pondicherry was required, and have accordingly included for the best and most substantial materials and workmanship. We have used as little timber as possible, and we are quite sure that if our design be examined it will be found that it is generally much superior to that at Pondicherry.
As however we had no definite information as to the probable amount of money which was intended to be spent on the

your proposals, which were our
wishes. Messrs Richardson and Cruddas
did send an Agent to me, but he did not
B forward

2. 1423/1424 1/5
work and also whether cheapness was the first consideration or not we were quite prepared to modify both, our estimate and design if either were found unsuitable.

In the light of the foregoing explanation we were surprised to have our plan returned to us as unsuitable by the Master Attendant, the only reason for such return being that some French engineers had offered to build a pier similar to that at Pondicherry with a length of 900 feet at a cost of not more than 2 lakhs of rupees.

We spent a considerable amount of time and money in making the design and sent a special agent to Madras in the hope that being the largest firm in India, we had a reasonable chance of obtaining the Contract and we therefore feel much disappointed that our offer has been treated with so little consideration.

We do not for a moment wish to complain in the slightest of the manner in which we have been treated by the Master Attendant who has been considerate in every way, but we certainly think we might have been allowed to amend our estimate in competition with the French engineers referred to on the common basis of a design and class of material similar in every respect.

We feel assured that on an equal footing we are able to carry out work of this class more economically than any European firm who have the natural disadvantage of great distance from the site to contend against.

We therefore beg that we may be allowed a further chance of competing on equal terms before any contract is definitely settled and trust you will see the justice of our

7/8/19

our representation and agree to our proposition.

If we are allowed to do this and it is understood that we shall have full opportunities of successfully competing, we are willing to send an Agent to Pondicherry to obtain full particulars of that design if it is preferred to any other, or we should be saved expense if these particulars were sent to us.

In favor of our proposition we may be allowed to say that should we be successful in obtaining the contract, the whole of the material with a few special exceptions would be manufactured at our own works and we think it is generally understood that other things being equal preference should be given to Indian Industry, though of course, we only wish for a fair ground of competition.

Trusting that our suggestion will meet with your approval.

We are, Sir,
Your Obedient Servants
Richardson & Co.

No 2853 W 11-10-83
No 3660 W 19-12-83
No 610C 12-3-84
9.6 No 8804 W 31-3-84

Recd/Exp

3744

Plan recd on 3/4/84

D.S. 15/5
5-5-84

Amish
10/5

0.815/18.5

RICHARDSON & CRUDDAS,
BOMBAY.
FOREIGN TELEGRAPHIC ADDRESS,
"CRUDDAS."

BOMBAY, 9th February 1884

T No. 294

1423/1424
8

8/7

The Port Officer
Marine Office
Madras.

Sir,

With reference to previous Correspondence on the subject of a Proposed New Pier at Vizagapatam we beg to submit the accompanying design for your approval.

As telegraphed to you a few days ago we have not been able to obtain sufficient information regarding the nature of the foreshore - whether sand, mud, rock or any combination of these and also whether the character of the surf if any would be likely to interfere with the ordinary straight forward modes of erection.

We have attempted in various ways to obtain this very essential information but so far have been unsuccessful, and we doubt whether it could be obtained satisfactorily except by our sending an agent to the site.

On this account we regret that we have not been able to include the Cost of erection in our estimate but we have calculated as carefully as possible the Cost of the whole of the materials as our plan and enclosed specification and including the Cost of freight and all charges for delivery at Vizagapatam, we beg to quote Rs 1,85,552/- (One hundred and eighty five thousand five hundred and fifty two rupees)

We think the fairest suggestion we could make

Yours very respectfully,
Messrs Richardson and Cruddas
did send our Agent to me, but he did not

B

forward

regarding the erection, is that we would agree to fix the work complete in position at Vizagapatnam for which we would make a separate charge of the actual cost which would be proved to your satisfaction plus an additional 5% (five per Cent) Commission as our profit. We will be glad to hear your views on this point.

We have had some Correspondence with the Port Officials at Pondicherry and have obtained a plan of the Pier as erected there. If you are aware of the Character of that Pier, we think we need only ask you to Compare our design with it, for you to admit that the present proposal is Considerably stronger and more substantial. The Pondicherry Pier Cost Rs 199468/- (one hundred and ninety nine thousand four hundred and sixty eight rupees)

The Pier as our plan would be wider than the dimension given in your Circular No 9985 of the 13th October 1883. You will see by the Cost section that we have allowed 6 feet for the side footpath clear of the rails or a total width between Centres of handrailing of 28'-6". The dimension given in your letter referred to viz 20 ft would allow less than 2 ft each side the rails. We would probably have been able to meet your views more exactly, if we had known the approximate amount of money which you are prepared to expend but in default of this we think we are right in assuming that you would require thoroughly substantial and satisfactory work and materials and we have estimated accordingly.

9 Thore

regarding the erection, is that we would agree to fix the work
 Complete in position at Vizagapatam for which we would
 make a separate charge of the actual Cost which would be
 proved to your satisfaction plus an additional 5% (five per
 Cent) Commission as our profit. We will be glad to hear
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 amount of money which you are prepared to expend but
 in default of this we think we are right in assuming
 that you would require thoroughly substantial and
 satisfactory work and materials and we have estimated
 accordingly.

There

HSN/8-9/1

(2)

[Faint, mostly illegible handwritten text, likely bleed-through from the reverse side of the page.]

[Handwritten notes and signatures at the bottom of the left page, including a date "10/5/80".]

(3)

1423/1424/183 8/9

There are several items which could be dispensed with if economy is the first Consideration and we could use thicker timber with bearers for the decking instead of the Patent Corrugated Flooring Plates which we have estimated for and some few similar points - but the floor when completed would not of course be so strong and durable.

If you will kindly examine the plan and enclosed short specification and inform us of any items such as mentioned above which you would wish to dispense with we will have much pleasure in revising our estimate in accordance with your views.

If favored with your order for the work we would submit full detail drawings for your approval before proceeding with the manufacture and you might rely upon the whole being completed entirely to your satisfaction.

We are Sir
Your Obedient Servants
Signed/Richardson Brundage

10

just as Gopalpur, would exactly meet our wishes. Messrs Richardson and Brundage did send an Agent to me, but he did not

13 proved

1423/1424 S/2 10

Condensed Specification of Work and Materials for Proposed New Pier at Vizagapatam

Dimensions

The Pier as proposed would be 660 feet long, 28'-6" wide between Centres of Handrail standards as Cross section shown and the level of the Deck would be 14 feet above High water level.

The Tee Head at end of Pier would be 60 feet long by 50 feet broad and would be furnished with two fixed Cranes Capable of lifting 3 tons each.

Piles

The Piles would be Cast Iron of the style shown on plan and 12" outside diameter turned at joints and braced together with adjustable braces.

Girders and Beams.

Wrought Iron Rivetted girders would be secured to the tops of the Piles and these would carry Longitudinal Rolled Iron Beams of sufficient strength to safely support a distributed moving load of 40 tons per 20 feet run of one pair of Rails - all to be properly fitted together and strongly secured in a satisfactory manner.

Decking

The Decking would be formed of Patent Corrugated Flooring Plates carrying Teak planking 2" thick for Footways and Timber Rail Beams 12" x 6" all bolted to the Wrought Iron

per at Gopalpore, would exactly meet our wishes. Messrs Richardson and Bradshaw did send an Agent to me, but he did not

0.81 57/81 3.56 81

Lamps

Turntables

Portable Cram

1423/1424 12 8/211

The Stand or Guard Rail would Consist of strong ornamental C. I. standards Carrying Cast-iron as Rails

Camps would be fixed on proper standards
 every 20 feet along the deck at alternate sides
 These would be two Turntables provided of
 about ten feet diameter at the Ice Head of the
 Pier.

A. Portable Crane to suit the gauge of
Rails and capable of lifting one and
a half Tons will be provided

fell at Gopalpore, would exactly meet our wishes. Messrs Richardson and Brindley ~~was~~
did send our Agent to me, but he did not

3

Proced

Administrative Department.

No. 4656

1423/1884

MADRAS,

Marine Office,

14th May 1884

From

J. H. TAYLOR, Esq., LIEUT., R.N.R.,

Master Attendant,
Administrative Department,
Madras,

To

The Honble C. Forster Webster

Chief Secretary to Government,
Marine Department,
Fort Saint George.

SIR,

In reply to reference on letter from Messrs Richardson and Crundall dated April 29th 1884, N^o 3184, I can only say that the cost of the Pandichery Pier, both the original 630 feet, and the extension of 224 feet, were furnished to them, and it was explained that that Pier contained all the essentials required for Vizagapatam with a length of 650 feet. The length of the piles, the depth of water, the quality of the bottom were described as identical. The furniture ^{see} of the Pier is exactly suited to the nature of the cargoes at Vizagapatam, in fact such a Pier set down at Vizagapatam, or the longer one 900 feet at Gopalpore, would exactly meet our wishes. Messrs Richardson and Crundall did send an Agent to me, but he did not

Yours
J. H. Taylor

passed to Pondicherry, and to the best of my
recollection, he was not an engineer. He told me
the Firm could not carry out the erection of
the Pier, and this I explained was a sine
qua non. We now find that in Madras Engineering
firm, Messrs. Massey and Co., with large local
works, are ready to supply a pier of 900 feet
for Gopulpore, complete in every respect, for
(2) two lakhs. Urgency is much required about
this work, and if Government was now to invite
tenders, and supply all the specifications re-
quired by Messrs. Richardson and Co. and
many months' delay would be spent over the
more preliminaries. I should perhaps have re-
turned the plan and estimate when the
Agent called upon me, but I informed him of
the necessity of the firms erecting the Pier,
and he did not ask for my return of the
papers. I wished the Chief Engineer to see them
also, in order that the several designs from
Calcutta, Bombay, and Madras might be
compared. We have no certainty that the
French

13
French Firm will offer to do the work as
gentleman Mr. Montreux at Pondicherry,
who describes himself as their Agent, seems to
think they will, but the amount received by
them for the French Pier is as nearly as
possible that required by Messrs. Massey & Co.

I have the honor to be

Sir

1423/1424
H
your most Obedt Servant

W. Taylor

Master Attendant
Administrative Department

MM

14

1423/1424
15

15

p 14

Forwarded to
the P. W. Dept.
Further instructions

Chief Secy
7/5

100 E 7.5.84
1230 W 14.5.84
580 W 31.3.84
610 C 12.3.84
3640 W 19.12.83
2853 W 11.10.83

Mamie (1884) DEPARTMENT

From
THE MASTER ATTENDANT,
ADMINISTRATIVE DEPARTMENT,
Madras,
To
THE CHIEF SECY. TO GOVERNMENT,
MARINE DEPARTMENT,
Fort St. George.



No. 4056

Dated 14 May 1884
Received 17
No.

1423 W 2/6.6.84

Subject.
Submit a report on
Messrs. Richardson and
Craddas letter
to Government about
the construction of
a pier at Vizaga-
patam.

Forwarded

p 15

N. 100. E

1423/1424
16
P. W. Department.

Memorandum

Letter from Messrs. Richardson and
Craddas, dated Bombay 29th April 84. N. 3184.

Referred, through the Marine
Department, to the Master Attendant
for remarks.

Ministrom

Col. M. E.

Secretary to Govt. Mad.

7.5.84

Ootacamund
May 7. 1884

16

To
The Marine Dept.
with papers in original.

E. E. S.

1884.5.2/5

Imp. No. 19-4-84.
No. 488-12-9-83

14/5/84

Forwarded to the
Master Attendant.

Further minutes
Chief Secy

To the Master Attendant
with three enclosures.
(Plan will follow)

D 7/5/84

Enclosure
a plan

Under of the
Richardson Chubb
of Bombay for cons
Vizagapatam pier



From

The P.M.D.

No. 100 E

14/5/84

No. 4885.

1023/1424

1884. No. 4869.

INDIAN TELEGRAPH.					
Class	To Ootacamund			From	Madras
Station	Words	Day	Hour	Minute	Local No. 114
	57	20	18	21	
By Station	Madras			By Station	117
Works			Capt Taylor.		
Supposing fatal fire given					
Massey emergently would					
recommmend proper consideration					
French government whose					
good officers were solicited					
I interview were solicited					
batignolles Cie					
vizagapatam Paris about					
abstain from would carefully					
proposals, I cannot find					
among vizagapatam merchants					
any inclination for pier					
except as present from					
government or connection with					
SENT FROM		AT		SENT TO	
Hrs Mins By		Hrs Mins By		Hrs Mins By	
OOTACAMUND		20-5-84		17	

Massey
mend
the govern-
were solicited.
Paris about
by abstain
cannot find
into any
as present
tion with
fore exists.

Administrative Department.

Imp. No. 19-484.
No. 484-12-5-85.

Madras

James
Cartier

Firth

2/5-

To the Messrs
with
Alan



No. 1423
1424

1423/5-8-5-85
1424/5-8-5-85

Richardson & Co
Bombay for con
Tirupattur

No. 4845.

Post Copy of Service Message. 1423/1424

From Madras dated 20th May 1884. No. 4845.

From Captain Taylor.

To Ootacamund.

Re Madras Works.

Supposing Sopulpu given Massey
emergently, would recommend
proper consideration French Govern-
ment, whose good offices were solicited.
I interview Cie Batignolles, Paris, about
Tirupattur, would carefully abstain
from definite proposals. I cannot find
among Tirupattur merchants any
inclination for Pier except as present
from Government, or connection with
Railroad, no pressure therefore exists.

W. Taylor

Master Attendant
Administrative Department.

1884/1
4
Mannie (1884) DEPARTMENT.

From
THE MASTER ATTENDANT,
ADMINISTRATIVE DEPARTMENT,
Madras,
To
THE CHIEF SECY. TO GOVERNMENT,
MM MARINE DEPARTMENT,
Fort St. George.



No. 4885

Dated 21 } May 1884
Received

No.

Subject.

Copy Telegram.

with the original
23.5.84

Cur A

Public Works

Public Works Department,
No. 1423
Proceedings of the Madras Government,
Under date the 6th June 1884.
Send the following: - *1423/1424*
20

Letter from the Master Attendant
to Messrs Richardson & Gueddas, Bombay } *MC No 4366 of May, 7, 1884.*
Endd thereon by the Master Attendant " " *4369 of " 7. "*
Letter from Messrs Richardson & Gueddas " *931814 of April, 29, "*
Letter from the Master Attendant " *4656 of May, 14, "*
Endd thereon in Marine Dept " *1069 of " 17, "*
Telegram from Master Attendant " *df " 20, "*

19

As recommended by the
Master Attendant in his
telegram of the 20th May,
the project for constructing a
pier at Vizagapatam will
20

Marine (1884) DEPARTMENT.

From
THE MASTER ATTENDANT,
ADMINISTRATIVE DEPARTMENT,
Madras,

To
THE CHIEF SECY. TO GOVERNMENT,
MARINE DEPARTMENT,
Fort St. George.



No. 4885

Dated 21 May 1884

Received

No.

Subject.

Copy Telegram.

for the register
23.5.84

Civ. A.

13488
Civ. A. No. 1423

Public Works Department,

No. 1423

Proceedings of the Madras Government,

Under date the 6th June 1884.

Send the following: - 1423/1424
20

Letter from the Master Attendant to Messrs Richardson & Gueddas, Bombay
Endd thereon by the Master Attendant
Letter from Messrs Richardson & Gueddas
Letter from the Master Attendant
Endd thereon in Marine Dept
Telegram from Master Attendant

ME No. 4366 of May, 7, 1884.
" 1426 of " 7. "
" 9318 of April, 29, "
" 4656 of May, 14, "
" 1069 of " 17, "
" of " 20, "

19

As recommended by the Master Attendant in his telegram of the 20th May - the project for constructing a pier at Vizagapatnam will

20

Marine (1884) DEPARTMENT.

From

THE MASTER ATTENDANT,
ADMINISTRATIVE DEPARTMENT,
Madras,

To

THE CHIEF SECY. TO GOVERNMENT,
MARINE DEPARTMENT,
Fort St. George.



No. 4885

Dated

21

Received

May 1884

No.

Subject.

Copy Telegram.

For the Marine Dept.
23.5.84

Civil Works

Public Works Department

No. 1423

Proceedings of the Madras Government,

Under date the 6th June 1884.

Send the following:-

1423/1424
20

Letter from the Master Attendant

to Messrs Richardson & Girdhar, Bombay

M.E. No. 4366 of May, 7, 1884.

End it thereon by the Master Attendant

" " 4367 of " 7. "

Letter from Messrs Richardson & Girdhar

" 4318 of April, 29. "

Letter from the Master Attendant

" 4656 of May, 14. "

End it thereon in Marine Dept.

" 1069 of " 17. "

Telegram from Master Attendant

" of " 20. "

19

As recommended by the
Master Attendant, in his
telegram of the 20th May,
the project for constructing a
pier at Vizagapatam will

20

Marine (1884) DEPARTMENT.

From
THE MASTER ATTENDANT,
ADMINISTRATIVE DEPARTMENT,
Madras,
To
THE CHIEF SECY. TO GOVERNMENT,
MARINE DEPARTMENT,
Fort St. George.



No. 4885-

Dated 21 } May 1884
Received

No.

Subject.

Copy Telegram.

In the margin
23.5.84

Cur X

Public Works Department,

No. 1423 1/2

Proceedings of the Madras Government,

Under date the 6th June 1884.

Send the following: - 1423/1424
20

Letter from the Master Attendant
to Messrs Richardson & Gueddas, Bombay } M.E. No. 4366 of May, 7, 1884.
End to them by the Master Attendant - " 4679 of " 7. "
Letter from Messrs Richardson & Gueddas (" 9318 of April, 29, "
Letter from the Master Attendant " 4656 of May, 14, "
End to them in Marine Dept. " 1069 of " 17, "
Telegram from Master Attendant " of " 20, "

19

As recommended by the
Master Attendant in his
telegram of the 20th May
the project for constructing a
pier at Vizagapatam will
20

be held in abeyance,
pending the result of the
inquiry which Captain Taylor
proposes to make while in
Paris.

Messrs Richardson and
Cruddas will be informed
accordingly.

(H.C. No. 1420 of 6th June 84)

To,

Messrs Richardson & Cruddas,
Bombay.

Sirs,

I am directed to acknowledge
the receipt of your letter
G. No. 3184 of 29th April 1884
on the subject of your

(Note
Capt. Taylor advised
by telegram 25.5.84)

To,

The Master Attendant, Madras

" Marine Department
(Chief Secretary for
Coastguard)

tender for the construction
of a pier at Nagapattam,
and to inform you in reply
that, pending further inquiry
which is now being made,
the Government have resolved
to hold the project in
abeyance.

1423/424
24

W.
21.5.84

JW 22/5

Dec 21/6/84

R.S.

21

The Hon H. E. Sullivan

1423/1424



✓ - 2374
13 $\frac{18}{66}$

0.25.57/5. Cir 23/5
Ref 2/16.

21
1423/1424
28

21A

4/7/84

Gobt. of (1884) Madras.

PUBLIC WORKS.

Dated

21/11/84

Recd

Recd

G.O. 6 June 1884, No 1423-4

Pier at Vizagapatam

The project for construction

is ordered
to be held in abeyance
pending further enquiry
by the Master

Pier at Vizagapatam

Messrs Richardson
& Cradock of Bombay
who tendered for the
construction of a
informing that the project
will be held in abeyance
pending further enquiry