

Public Works (1897) Department.

G.O., No. 113

DATED 1. February 1897

[Despatch Abstract.]

Steam Launch: Receiving advice from the  
Govt of India forwarding Govt of Madras to the  
Director of the Royal Indian Marine requesting  
him to furnish the Madras Govt with a design speci-  
fication and estimate for the construction of a  
Kidders pore Dock and of a - for use in the  
Kistna Delta. //

| G.O. | No. | Department. | Date: | G.O. | No. | Department. | Date. |
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| G.O. | No. | Department. | Date. | G.O. | No. | Department. | Date. |
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## Order

Recorded.  
Recorded

The goats of India  
Marine Dept.

No. 73

*Dated* 22.1.97  
*Received* 27.1.97

**Enclosures**

*Spare copies* .

Steam launch for use in  
the Krishna Delta:

Informing that the  
Director of the Royal Indian  
Marine has been asked to  
to supply the Madras Govt  
with a design, specifications  
and estimate for the construction  
of a — at the Kidderpore  
Dockyard.

BACK PAPERS.

FURTHER PAPERS.

| No.   | Date.    |
|-------|----------|
| 10350 | 5.12.96  |
| 10349 | 5.12.96. |

| No. | Date. |
|-----|-------|
|     |       |

*Ships*  
*Construction*  
M. D. 18.

No. 73

GOVERNMENT OF INDIA,  
MARINE DEPARTMENT.

Fort William, the 22<sup>nd</sup> January 1897.

It is requested  
that the above head-  
ing, with number and  
date of this communi-  
cation, may be quoted  
in any subsequent cor-  
respondence on the  
subject.

To

THE DIRECTOR OF THE ROYAL INDIAN MARINE.

SIR,

N. 1035-I, dated }  
5<sup>th</sup> December 1896 } I am directed to forward a copy of a letter from  
the Madras Government, Public Works Department, with  
enclosures, asking for arrangements to be made to furnish  
them with a design, specification and estimate for the  
construction at the Kidderpore Dockyard, of a steam launch  
for use in the Krishna Delta, in accordance with the conditions  
indicated in the Superintending Engineer's letter  
enclosed; and to request that the same may be  
furnished to the Government of Madras at an early date.

I am, &c.,

29 C. H. Selwyn.

Asst. Secy. to the Govt. of India.

Copy of the above forwarded to the  
Secretary to the Government of Madras, Public  
Works Department.

By order,

*C. H. Selwyn*

Asst. Secy. to the Govt. of India.

CHIEF ENGINEER  
FOR IRRIGATION.  
NO. 1035 I.

IRRIGATION.

Government { 1896 } of Madras.  
PUBLIC WORKS.

Recd.

Enclosures

1896.

Regd.

Spare copies

Letter, No. 1035 I., 5th December 1896.

DECEMBER.

Steam Launch

Requesting that this Government may be furnished with a design, specification and estimate for constructing, at the Kidderpore Dockyard, a — for use in the Kistna delta.

Wozze

## PUBLIC WORKS DEPARTMENT.

## Irrigation.

LETTER—from

W. HUGHES, Esq., B.A.,

*Joint Secretary to the Government of Madras,**Public Works Department,**Irrigation Branch,*

TO THE SECRETARY TO THE GOVERNMENT OF INDIA,

MARINE DEPARTMENT.

SIR,

In forwarding herewith a copy of Proceedings, Madras Government, No. 1034 I., dated 5th December 1896, I am directed to request that the Government of India will be pleased to arrange for this Government being furnished, as soon as possible, with a design, specification and estimate for constructing at the Kidderpore Dockyard a steam launch for use in the Kistna delta, the conditions being as indicated in the Superintending Engineer's letter recorded in the accompanying Proceedings.

I have the honour to be,

Sir,

Your most obedient servant,

(Signed) W. HUGHES,  
Joint Secy. to Government,  
Irrigation Branch.

FORT ST. GEORGE,  
5th December 1896.

Exd. T. K. Narayana Aiyangar.

## IRRIGATION.

Government { 1896 } of Madras.  
PUBLIC WORKS.

Recd.

Enclosures

1896.

Regd.

Spare copies

G.O., No. 1034 I., 5th December 1896.

DECEMBER.

## Steam Launch

Ordered that the Government of India be requested to arrange for this Government being furnished with a design, specification and estimate for constructing, at the Kidderpore Dockyard, a — for use in the Kistna delta.

## GOVERNMENT OF MADRAS.

## PUBLIC WORKS DEPARTMENT.

## Irrigation.

READ—the following papers:—

From Major W. L. C. BADDELEY, R.E., Superintending Engineer, II Circle, to the Chief Engineer for Irrigation, dated Bezwada, 5th October 1896, No. 1820 K.

In reference to your No. 13/II, dated 12th September 1896, and previous correspondence, I have the honour to inform you that I think it is very necessary that these works should be provided with a steam launch of the type of the "Daisy."

2. Two stern wheelers are under construction at the Kidderpore Docks for the Kistna, but these are shallow draught vessels especially intended for towing boats when the river is low, and for inspection work below the anicut, for which a draught of more than 3 feet is inadmissible.

The only steamer now on the works, the "Alexandra," is only 10 H.P. and quite unsuited for work on the river during high freshes. She is also rapidly wearing out, and I strongly recommend that a launch like the "Daisy" be procured from England.

3. The danger of having only one steamer was strongly marked during the late floods, as, if the "Alexandra" had broken down in attempting to cross the river, she would either have been carried over the anicut, or else have been obliged to anchor in the river for almost three weeks. In either case all her crew would have been lost, as it would have been impossible to send any other boat to their assistance.

4. The specification for the "Daisy" can, I presume, be obtained from your office, or that of the Madura division, and if my proposal be approved, I beg that an indent may be sent home in time to have the launch ready for use here before next May.

Memorandum to the Suptg. Engineer, II Circle, dated 21st October 1896, No. 165 K.S.

From Major W. L. C. BADDELEY, R.E., Superintending Engineer, II Circle, to the Chief Engineer for Irrigation, dated 7th November 1896, No. 2147 K.

In reference to your No. II/165 K.S. of 21st October 1896, I have the honour to

|          |     |     |     |     |     |
|----------|-----|-----|-----|-----|-----|
|          |     |     |     |     | Ft. |
| * Length | ... | ... | ... | ... | 45  |
| Beam     | ... | ... | ... | ... | 9   |
| Draught  | ... | ... | ... | ... | 3   |

inform you that the length, breadth and draught of the "Daisy" \* would be suitable; but as the launch might have to encounter strong winds and rough water in the river during floods, it is essential

that she should be stiff and stable. If, in order to meet these requirements, it is necessary to give her greater beam and length, there would be no objection to doing so, within the limits of 60 feet length and 12 feet beam.

As regards speed I am informed that the "Daisy" could tow six loaded punts, and that her speed was much in excess of that given in the tabular statement you sent me. Perhaps the N.H.P. has been under-stated by a clerical error.

2. However, as the Kistna runs at least 6 miles an hour in floods, it is necessary that the launch now asked for should be capable of steaming at least 3 miles an hour against the full force of the current. The launch should be of the twin screw type and be capable of steaming with one screw, as there is always a danger of the screws getting foul with drift wood.

3. She should be provided with bollards for towing, and should be thoroughly strong and reliable in a rough river. No cabin accommodation is required; but the engine room should be covered in. I would suggest that enquiry be made whether the specification sent with your letter under reference refers to the "Daisy," for I am told that she was not put together at the Periyár until 1893, while the date of construction in the specification is given as 1888. Does the specification refer to one of the other launches, the name "Daisy" being entered by mistake?

No. 214 I.

Note by the Chief Engineer for Irrigation.

Submitted to Government with the recommendation that arrangements may be made for obtaining from the Kidderpore Dockyard a plan, specification and estimate for a steam launch for use in the Kistna delta.

2. The statement referred to by the Superintending Engineer was recently verified by the Superintending Engineer, VI Circle, and refers to the "Daisy," the launch which is kept on the Periyár lake.

3. The conditions to be fulfilled by the launch required for the Kistna delta are sufficiently given in the Superintending Engineer's letter.

(Signed) F. J. WILSON,  
for Chief Engineer for Irrigation.

CHEPÁK,  
27th November 1896.

ORDER—No. 1034 I., dated 5th December 1896.

The following letter will be sent to the Government of India, Marine Department.

[Here enter No. 1035 I., dated 5th December 1896.]

(True Extract.)

(Signed) W. HUGHES,  
Joint Secy. to Government,  
Irrigation Branch.

To the Superintending Engineer, II Circle,  
"Chief Engineer for Irrigation, with copy of  
letter to Government of India, Marine Department.

Exd. T. K. Narayana Aiyangar.