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MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	2099	(9)	Press
B.P. No.			Mis.
Dated	14-8-		1876

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
14th August 1876. No. 2,099.*

Read the following papers :—

No. 130-W.

No. 296.

Note by the Chief Engineer for Irrigation.

No. 296-A. From the District Engineer, Godavery, No. 700, 8th June 1876.

No. 296-B. To " " " 65 G.D., 26th June 1876.

No. 296-C. From " " " 1, 189, 28th July 1876.

In paragraph 7 of G.O., No. 2,393, of the 20th August 1875, the conversion of the Steamer *Trevelyan* into Stone Boats was approved, and the District Engineer has transmitted an estimate, amounting to Rupees 3,859, for constructing therefrom two Punts, the items being—

Dismantling Steamer	...	...	...	...	...	Rs. 372
Constructing No. 1 Funt	...	...	...	...	...	2,088
Do. " 2 do.	...	...	...	...	...	1,399
						3,859

2. The plan of the Punt, dated 17th July 1876, is that intended to be adopted.

3. The particulars of draught and carrying capacity given on the plan are not correct, it being there stated that the draught when empty will be 0.42 feet = 5 inches, which appears to be about right, and that

with a draught of 1.42 feet the Punts will carry 45 tons.

"	"	of 1.50 or 1 foot 6 inches	"	67	"
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"	"	of 2.83 or 2 feet 10 inches	"	128	"
7 tons would break	41.22	"	"	"	"

the draught for 67 tons would be about 1.92 feet or 1 foot 11 inches. The proper load line should have been fixed, and the carrying capacity at that line stated. Probably a draught of 3 feet will be the proper maximum, and at that draught the

*Or 69 cubic yards of Stone.

4. The Punts will be cheap, but as from their beam, 24 feet, they cannot pass through any of the locks they will be capable of use only at and above the ancient, and so will be employed only for a small part of each year. This was the work for which they were originally intended.

5. Sanction for Rupees 3,860 is recommended, and the cost of the Punt should be divided equally between them on their completion. The work may be carried out from the provision† under Tools and Plant, (12) Miscellaneous, Sub-head Floating Plant, in the Budget of 1876-77.

† Rupees 40,000 under Navigation in Budget, preliminary issue.

OOTACAMUND,

(Signed) JOHN MULLINS, Lt.-Col., R.E.,

Chief Engineer for Irrigation

9th August 1876.

To the Secretary to Government, Public Works Department.

N^o 130-W.

OFFICE OF CHIEF ENGINEER FOR IRRIGATION,

Col. Cammell 9th Augt 1876.

From Dist. Engr. Godavery, Rs. 700 - 8th June 1876.
 do do do Rs. 659.00 - 26th do -
 From do do Rs. 1189 - 28th July.
 Note by the Chief Engineer for Irrigation.

Proceedings of the Madras Government, Public Works Department,
 14th August 1876. No. 2,099.

No. 297. ORDER THEREON, 14th August 1876, No. 2,099.

IRRIGATION, No. 28.

Account.

The estimate of Rupees 3,860 for
 the construction of two Stone Pontoons out
 of the hull of the Steamer *Trevelyan* is
 sanctioned as follows:—

Godavery Delta.

Head of Service.—Irrigation.

Part.—Capital, Extraordinary.

Class.—III. Tools and Plant.

Main-head.—(12), Miscellaneous.

Amount of Estimate.—Rupees 3,860.

Name of Work.—Constructing two Stone Pontoons from
 hull of Steamer *Trevelyan*.

To be carried out by Public Works Department.

2. This sanction has been registered as No. 98-L. of 1876-77.

(True Extract.)

Colonel,

Offg. Under Secy. to Govt., P.W.D.

To the District Engineer, Godavery.

" Chief Engineer for Irrigation.

" Examiner of Public Works Accounts.

Enclos. 7.

In para 7 of G.O. No. 2,393 of the
 20th August 1875 the conversion of the
 steamer *Trevelyan* into stone boats
 was approved, and the District Engineer
 has transmitted an estimate, amounting
 to Rupees 3,859, for constructing there-
 from 2 Pontoons, the items being

Dismantling steamer —	Rupees 372
Constructing No. 1 Pont —	" 2,088
— do — No. 2 do —	" 1,399
	<u>3,859</u>

2. The plan of the pontoons dated
 17th July 1876 is that intended to be
 adopted.

3. The particulars of draught
 and carrying capacity given on
 the plan are not correct, it being
 there stated that the draught when
 empty will be 0.42 feet = 5 inches
 which appears to be about right
 and that

with a draught of 1.42 feet the ponto will carry 45 tons
 " " 1.50 or 1.6 " " 67 "
 " " 2.83 or 2.10 " " 128 "

The draught for 67 tons would be
 about 1.92 feet or 1.11". The proper load
 line should have been fixed, and
 the carrying capacity at that line
 stated. Probably a draught of 3 feet
 will be the proper maximum, and
 at that draught the carrying
 capacity will be about 124 tons or 69 cys of stone.
 The displacement " " 144 "

4. The ponto will be cheap,
 but as from their beam, 24 feet,
 they cannot pass through any of
 the locks they will be capable
 of use only at and above the
 ancient, and so will be employed
 only for a small part of each
 year. This was the work for which
 they were originally intended.

5. Sanction for Rupees 3860 is re-
 commended and the cost of the ponto
 should be divided equally between

Rs 40000 under
 navigation in Budget
 Preliminary issue.

them on their completion. The
 work may be carried out from
 the provision under Tools and
 Plant (12) Miscellaneous, subhead
 Floating Plant, in the Budget of
 1876-77.

Colonel W. L. St. Colville
 Chief Engineer for Surgⁿ

To
 The Secretary to Govt P.W.

From

The Chief Engineer for Irrigation,

To

The Secretary to Government,

Public Works Department.

Dated
Despatched
Received

1876.

ENCLOSURE 7

No. 130-W.

Subject.

Steamer "Trevelyan" — Note re-
commending for sanction Estimate
submitted by the R.E. Godavery
for converting the hull of —
into two stone piers at a cost
of Rs. 3860.

296a & 296b My

N. 296.

No 2099

Public Works Department.

PROCEEDINGS of the MADRAS GOVERNMENT.

Under date the 14th Aug 76.

Read the following:—

Note by the Chief Engineer for Irrigation
No. 130 W. of 9th August 1876.

The estimate of
Rupees 3860 for the
construction of 2 stone
piers out of the hull
of the steamer Trevelyan
is sanctioned as follows.
Godavery Delta.

Head of Service. Irrigation

Fund. Capital Extraordinary

Class - III Tools and Plant.

Main head - 12/ Miscellaneous

Sub head - Floating plant

Amount of estimate. Rupees 3860

Name of work. Constructing 2 stone
piers from hull
of steamer Trevelyan

To be carried out by
Public Works Dept.

work
this structure has been registered as 26982 of 1876/77

by 10/78
am

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K. S. S. S.
Dated 25/8/78

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No. H. C. Goddard

17th Sept

2979

2979

296-297

Construction of 2 stone piers
at the hull of the Steamer
Severlyan - Goddard &

The Estimate of No 3860
for the same

Est. in No. 3860
29-8-96