

(1) Number of pages _____

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MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	1742	Press
B.P. No.		Mis.
Dated	29-6-195	0874

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
29th June 1874.*

Read the following papers :—

No. 603. From Lieutenant-Colonel J. F. FISCHER, R.E., District Engineer, Godavery District, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation and Joint Secretary to Government, dated Dowlaishweram, 29th April 1874, No. 285.

I HAVE the honour to forward a design and estimate, amounting to Rupees 2,000, for constructing a punt with iron

One Tracing.
One Estimate.

ribs and timber sheathing which will answer all purposes of conveying stone

material for the use of these works, and will cost only one-third the price of an iron punt; these vessels with ordinary care ought to last ten or twelve years, when it is to be hoped all the delta works will be completed, and by then they will have paid off their original cost.

2. The vessel is much lighter* than if built of iron plates, and will therefore be able to carry an equal load with

* As 4 : 9 nearly.

much less draught of water, and if pro-

perly painted and caulked there is no reason why she should not answer all purposes at much less cost to the Government.

3. I would beg to recommend that twenty of these vessels be put in hand as soon as possible; the iron indented for from England two years and a half ago has arrived at Cocanada, and we have a good stock of timber in hand, so that the work can be expeditiously executed; without such aid it is impossible to get on with the masonry works. All experience shows our plant as at present existing is wholly insufficient for the requirements of all the deltas, and every year's delay creates a loss of revenue and property to the district. Had the Central Delta works been in good order for navigation purposes, it could have benefited largely this year from the great rise of prices at Cocanada, which has been upwards of 43 per cent., and all the other deltas would have realized far larger profits if their navigable canals were in good working order. I trust then, under these circumstances, you will be good enough to recommend the Government to sanction the construction of these punts.

No. 603A. *Note by the Chief Engineer for Irrigation.*

In paragraph 14 of the Memorandum of Inspection of the Godavery Delta, No. 184-C, dated 26th February last, which is now before Government, it was recommended that six additional iron punts for the transport of stone and heavy materials should be sanctioned, and it was noticed that there were objections to the use of wooden boats, owing to the difficulty of keeping them in order when not in use.

2. The District Engineer has now however forwarded a design for a punt 72 feet long, with iron ribs and wooden sheathing or shell, the estimated cost being Rupees 2,000, or about one-third of the cost of an iron punt of the same size, and he asks for sanction for the construction of twenty of these punts.

Proceedings of the Madras Government, Public Works Department,
29th June 1874.

3. As it is probable that these boats will, if built, be continuously employed for a long period, as materials for their construction are available, and as they can be put together in a much shorter time than iron punts, I beg to recommend that six be sanctioned, the sum of 12,000 Rupees required being made available from the Budget provision for Tools and Plant under Extraordinary.

OOTACAMUND, (Signed) JOHN MULLINS, Lieut.-Colonel, R.E.,
8th June 1874. Chief Engineer for Irrigation.

No. 604.

ORDER THEREON, 29th June 1874, No. 1,742.

IRRIGATION, No. 51.
Account.

floating plant of the Godavery Delta, the cost being met from the provision* for

* Navigation, 20,000 Rupees.

The Government sanction the construction of six punts, with iron ribs and wooden sheathing, at an estimated cost of Rupees 12,000 as an addition to the Tools and Plant Extraordinary in the current year's Budget.

(True Extract.)

(Signed) J. MULLINS, Lieut.-Colonel, R.E.,
Joint Secretary to Government.

DISTRICT ENGINEER'S OFFICE, GODAVERY.

No. 205

DOWLAISHWARUM, 29th April 1874.

From.

Lieutenant Col. J. H. Tucker, R.E.

District Engineer

Godavery District

To.

Lieutenant Col. J. Mullins, R.E.

Chief Engineer for Irrigation and

Joint Secretary to Government

MADRAS.

SIR,

I have the honor to forward a design and estimate amounting to Rupees 2,000 for constructing a punt with iron ribs and timber sheathing, which will answer all purposes of conveying stone material for the use of these works, and will cost only $\frac{1}{5}$ the price of an iron punt; these vessels with ordinary care ought to last 10 or 12 years when it is to be hoped all the Delta works will be completed, and by then they will have paid off their original cost.

as 4:9 nearly

2. The vessel is much lighter than if built of iron plates and will therefore be able to carry an equal load with much less draught of water, and if properly painted, and caulked there is no reason why she should not answer all purposes at much less cost to the Government.

3. I would beg to recommend that 20 of these vessels be put in hand as soon as possible, the iron introduced

imported for from England - 1/2 years ago has
arrived at Coacanadah and we have a good
stock of timber in hand so that the work can
be expeditiously executed, without such aid
is impossible to get on with the masonry works,
all experience shews our plant as at present
existing is wholly insufficient for the requirements
of all the Deltas and every years delay cre-
ates a loss of revenue and property to the Dis-
trict: had the Central Delta works been in good
order for navigation purposes it could have be-
nefited largely this year - from the great rise
of prices at Coacanadah which has been up-
wards of 43 per cent, and all the other Deltas
would have realized for larger profits if
their navigable canals were in good work-
ing order. I trust then under these circumstances
you will be good enough to recommend the Govern-
ment to sanction the construction of these punts,

I have the honor to be

Sir

Your Most Obedient Servant

Wm. T. Tucker Lieut. Col. R.E.
(District Engineer Godavery)

Vote by the Chief Engineer for Irrigation
 In para 14 of the memorandum of inspection of the Godavary Delta, No 184, C dated 26 February last, which is now before Government, it was recommended that 6 additional iron punts for the transport of stone and heavy materials should be sanctioned, and it was noticed that there were objections to the use of wooden boats, owing to the difficulty of keeping them in order when not in use.

2. The District Engineer has now however forwarded a design for a punt 72 feet long, with iron ribs and wooden sheathing or shell, the estimated cost being Rupees 2,000 or about $\frac{1}{3}$ of the cost of an iron punt of the same size, and he asks for sanction for

From

The District Engineer,

Godavery District.

To

The Chief Engineer for Irrigation
 and Joint Secretary to Government

MADRAS

Dated 29 April 1874

Received 11 May 1874

NO. 285

Encls. Two

Subject.

Of an order for approval
 a design of a punt estimated to cost
 Rs. 2,000 for construction,
 being a punt with iron ribs
 and wooden sheathing and
 recommended that 20 of these
 punts be sanctioned for use
 and sanctioned.

Mr 3752/74

pg. 72 of 1874

for the construction of 20 of these punts.

3. As it is probable that these boats will, if built, be continuously employed for a long period, as materials for their construction are available, and as they can be put together in a much shorter time than iron punts, I beg to recommend that to be sanctioned, the sum of 12,000 Rupees required being made available from the Budget provision for Tools & Plant under Extraordinary.

Potacumund 3 Wundundim 24/6/04
8th June 1874

Chief Magr for Irrigation

To
The Secretary to Govt. P.W.D.

P. W. 1874 Dept.
No: 3752.

From

The Chief Engr.
for Irrigation

Dd 8th June 1874
Rd 20th — " —

Enclod. 3.

Cell No: 1742. 25-6-74.

Vol on a letter
from the District Engr.
Godavery, submitting
design and estimate
for a punt for use on
the river & recommend-
ing that the construction
of other punts be put
in hand at once.

Ch. Wick

From

The St Engr Godavery (H. E. No. 285 dated
" Chief Engr for Irrigation (H. E. No. 285 dated 8th June 1874)

The Government
sanction the construc-
tion of 6 punts, with
iron ribs and wooden
sheathing, at an
estimated cost of
Rupees 12,000 as an
addition to the
floating plant of
the Godavery Dis-
trict, the cost being
met from the Pro-
vision for Tools &
Plant Extraordinary
in the current year's
budget.

* Navigation
20,000 Rupees.

To The D. E. Godavery &
Chief Engr for Irrigation with enclosure
Controlled by Mr. Secy. ~~to the~~
S. Copies despatched to all 1/1/74.

1/1/74

3752

Vol. of 1874 Madras.

PUBLIC WORKS.

The Dist. Engr.
Godavery.

G. O. 29/10/1874 No. 142

Nos. 603-604.

Encls. - Godavery D.

The construction of rise
works at an estimated
cost of Rs. 12,000 as an
addition to the floating
plant of the Godavery
delta, sanctioned -

603-604.

Cur 15/6/74 Rs 18/6/74