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MADRAS RECORD OFFICE

Government of Madras

Public works. DEPARTMENT

G.O. No.	1835	Press
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Dated	9-7-1874	195 .

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 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.

One Tracing.
One Estimate.

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.

* As 4 : 9 nearly.

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. 285

DOWLAISEWARUM, 29th April 1874.

From.

Lieutenant Col. J. Mullins, R.E.

District Engineer

Godavery District

To.

Lieutenant Col. J. Mullins, R.E.

Chief Engineer for Irrigation and

Joint Secretary to Government

MADRAS

SIR,

Here is how 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 $\frac{1}{3}$ 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 much 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 indented

imported for from England $2\frac{1}{2}$ years ago, has
arrived at Coconadah, 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 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 Coconadah 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. H. Fisher Lieut. Col. R. E.

District Engineer Gadaverry.

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.

Potacannund 3 Wundundins L.H. 10/10/76
8th June 1876

Chief Magt for Irrigation

To

The Secretary to Govt. P.W.D.

P. W. 1874 Dept.
No. 3752

From

The Chief Engr.
for Irrigation

Dd 8 June 1874
Rd 20 " "

Enclod. 3.

Cell. No: 1742. 29-6-74.

Recd 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

Public Works Department
Proceedings of the Madras Government
Read the following

From

The St. Leger Godavery (H. B. No. 285 dated
" Chief Engr. for Irrigation (H. B. No. 29 April 1874)
dated 8 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 Rel-
ta, the cost being
met from the pro-
vision for Pools &
Plant Extraordinary
in the current year's
budget.

M. M.

* Navigation
20,000 Rupees.

To The D. R. Godavery &
--- Chief Engr. for Irrigation with Enclod. &
--- Controller of Works with Enclod. &
S. C. ...

1/6/74
C. M. W.