M R O, I—17,066—8-6-41.

(1) Number of pages_____

(2) Date of repair_____

(3) Initials of the Reference_____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 3726 Press Mis.

255-56

Dated 16-12 18 24.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
16th December 1871.

No. 285. Read the following letter from the Acting Superintending Engineer, 1st Division, to the Secretary to Government, Public Works Department, dated Dowlaishweram, 1st December 1871, No. 2,730:—

ADVERTING to G. O. of the 13th ultimo, No. 2,864, I have the honour to observe that there is no probability of our being able to provide for the cost of the punts by savings from the estimates; these were not framed, having this object in view at all, but in sending up the Central Delta completion project, I provided generally for the wants of the whole delta, and entered one lac of Rupees for "Tools and Plant;" no orders having been received on this project, I proposed to transfer, as a temporary measure, funds from works to provide the urgent demands for Plant.

2. As regards the general design for a punt sent to us, I beg to observe her proportions are very bad for towing through water, and if she is ever loaded with 30 tons, drawing 3 feet of water and having only 6 inches to spare, she will probably go down if she grounds anywhere, and it would be positively dangerous to tow her across the river by steamer at any time the freshes were prevailing or a moderate breeze blowing.

3. The English punt we have in use here is 60 by 10. By altering these dimensions to 72 by 12 we get a boat which will carry 25 tons with two feet draft of water and one foot above it, and her proportions remain good for passing through water. The estimated cost of this punt is Rupees 5,500, to be made of substantial iron and timber platform deck. As Mr. Grainger fails to give the thickness of iron he proposed to use in a boat for the uses he meant, I am at a loss to understand what his object was; the result, however, has been a great waste of time, and most unnecessary delay in preparing to execute these important works as expeditiously as the Government have a right to expect.

No. 286. ORDER THEREON, 16th December 1871, No. 3,170.

IRRIGATION, No. 13.

IN the above letter the Superintending Engineer of the 1st Division proposes to construct iron punts 72 feet by 12 feet with a depth of 3 feet, and they, it is stated, will carry 25 tons when drawing 2 feet of water, the cost of each is to be Rupees 5,500. The Government observe that this is the amount of the estimate for a punt 60 feet by 10 feet, with a depth of 2 feet 9 inches, forwarded by the Superintending Engineer on the 2nd August, and that the supply of certain omissions pointed out by the Superintendent of Public Works Stores would have raised the cost to Rupees 5,950, it is not clear how the larger boat, 72 by 12, could be built for Rupees 5,500. The Superintending Engineer will, therefore, submit the estimate for the punt now proposed to be built, as directed in G. O., No. 2,864 of 13th November.

2. The Government observe that the thickness of metal proposed to be used by the Superintendent of Public Works Stores is given in the detailed estimate forwarded to the Superintending Engineer; it is not clear, therefore, what is meant by the latter portion of his letter

3. As the Upper Godavery Works beyond the first barrier have been put a stop to, it is possible that suitable boats for the conveyance of rough stone in the

delta channels may be obtained from the Upper Godavery. Information on this point will be obtained, but in the meantime the Superintending Engineer will submit an estimate and plan of the boat, 72 by 12, which he proposes to build

(True Extract)

Captain, R.E,
Offg. Joint Secretary to Government.

To the Acting Superintending Engineer, 1st Division.
,, Chief Engineer for Irrigation.

Exd. E C. Shunker.

SUPERINTENDING ENGINEER'S OFFICE, 1ST DIVISION
DOWLAISHWARUM, 12th December 1871

No 2730

From

Major J. Fischer R.E
Acting Superintending Engineer
1st Division

To

Colonel C. J. Carpendale R.E
Secretary to Government D. P. W.
MADRAS

SIR,

Adverting to G.O. of the 13th ultimo No 278th, I have the honor to observe that, there is no probability of our being able to provide for the cost of the punts by savings from the Estimates, these were not framed having this object in view at all, but in funding of the Central Delta completion project, I provided generally for the wants of the whole Delta, and entered 1 Lac of Rupees for "Locks and Head" for orders having been received on this project, I proposed to transfer as a temporary measure funds from works to provide the urgent demands for Steam-

As regards the general design for a punt sent to us, I beg to observe her proportions are very bad for towing thro' water and if she is ever loaded with 30 tons, drawing 3 ft of water and only 6 inches having to

to spare, she will probably go down if she ground[s] anywhere, and it would be positively dangerous to tow her across the River by Steamer, at any time the freshes were prevailing, or a moderate breeze blowing.

3 The English punt we have in use here, is 60×10. By altering these dimensions to 72×12 we get a boat which will carry 25 tons with 2 feet draft of water and 1 ft above it, and her proportions remain good for passing thro' water. The estimated cost of this punt is Rs. 5500. to be made of substantial iron and timber platform decks. As Mr Grainger fails to give the thickness of iron he proposed to use in a boat for the uses he meant I am at a loss to understand what his object was - the result however has been a great waste of time, and much unnecessary delay in preparing to execute these important works as expeditiously as the Government have a right to expect.

I have the honor to be
Sir,
Your most obt. Servant
Wm Strachey Major R.E.
Dy Supt Engineer 1st Div.

to spare, she will probably go down if she

Pro 15 Nov/71 No 216-223.

No 3170. Public Works Dept.
Proceedings of the Madras Govt
Under date the
Read the following

From

The Supdg Engineer
of the 1st Division

No 2730 of 1 Dec/71

The above letter
the Supdg Engineer of the
1st Division proposes to
construct Iron Punts 12' by
12' with a depth of 3' and
they sh. is stated will carry
25 tons when drawing
2' of water: the cost of each
is to be Rupees 5500-
The Government observe
that this is the amount
of the Estimate for a Punt

60

No 3170 Public Works Dept.
Proceedings of the Madras Govt
Under date the 16th Dec/71
Read the following

From

The Supdg Engineer
1st Division

No 2730 dated 1st Dec/71

Submitting Estimate for
a Punt for the Kistna
Navigation

Ordered

That the Estimate be
approved and that the
Punt be constructed
accordingly

To the Supdg Engineer
1st Division

No 3170 - 16th Dec/71

No 285

From C.S. No 793
The Chief Secy Engineer
1st Division

To The Secretary
to Government F.W.D.
(Marine)

Dated 1st December 1871

Rec'd 7th Dec 2730

Forwards Estimate for a Punt
to be Probably employed
for the cost of Punts for
Surveys from the Estimates
as explained and observes
certain details in the
General Estimate of Punt
sent for guidance

No 3170 of 1871.

Public Works Dept.

From

The Chief Secretary to Government, Madras.

To

The Superintending Engineer, 1st Division.

Dated 16th December 1871.

Sir,

I am directed to acknowledge the receipt of your letter No. 2730, dated 1st December 1871, submitting an estimate for a punt for the Kistna Navigation, and to inform you that the Government have sanctioned the construction of the punt in accordance with the estimate.

I have the honor to be,
Sir,
Your most obedient servant,
Chief Secretary to Government.

60' by 10' with a depth of
2'9" forwarded by the Supt
Engineer on the 2d August
and that the supply of
certain omissions pointed
out by the Supt of Public
Works Stores would have
raised the cost to Rs 5950.
it is not clear how the larger
Boat 72 x 12 could be built
for Rs 5300. The Supt
Engineer will therefore sub-
mit the Estimates for the
Punt now proposed to be
built as directed in G.O.C.
No 2864 of 13 November.

The Government
observe that the Richtus of
metal proposed to be used
by the Supt of Public Stores
is

is given in the detailed Esti-
mate forwarded to the
Supt Engineer it is not
clear therefore what is
meant by the latter
portion of his Letter.

As the upper
Godavery works beyond
the 1st Barrier have
been put a stop to, it
is possible that suitable
Boats for the Conveyance
of Rough stone in the
Delta Channels may
be obtained from the Upper
Godavery. Information on
this point will be obtained
but in the meantime
the Supt Engineer will
submit an Estimate and
Plan

Plan of the Book 72 × 12
which he proposes to build.

26
3

S. Engr 1st Div
Chief Engr for Irrigation
Decr 18/71

Plan of the Book 72 × 12
which he proposes to build.

26
3

S. Engr 1st Div
Chief Engr for Irrigation
Decr 18/71

No 5-808.

Govt of Madras

PUBLIC WORKS.

To The Ag Superintending Engr
1st Division

Dated

Read Encl

G.O. 16th Decr. No. 3176.

Nos. 285 & 286

Iron Bunds. Papers
on the Proposal to
Substitute Wrot. Iron
for Cast Iron in Iron
Bunds for use in the
Cauvery Delta.