

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	128	(3)	Press
B.P. No.			Mis.
Dated	23 /		1876

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
20th January 1876.*

Read the following papers:—

No. 250. From Major J. BEATTY, R.E., Officiating Superintending Engineer, Godavery District, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation and Joint Secretary to Government, Public Works Department, dated Dowlaishweram, 1st December 1875, No. 2,613.

I HAVE the honor to inform you that the iron deep boat, No. 41, on the list of our irrigation floating plant, having fallen into such a state of decay as to necessitate very extensive special repairs to make her fit for further service, she was docked and examined, and an estimate* prepared for the work required.

1 Copy of Range Officer's letter, No. 459, of 20th November 1875.
1 Estimate for repairing No. 41, iron deep boat.
1 Estimate for two proposed punts.
1 Plan.
* Herewith sent for information.

2. The estimate having amounted to the large sum of Rupees 4,542, I made a special inspection of the old frame work of the boat now lying well exposed, and it seemed to me very doubtful whether in its very decayed state it was expedient to incur so large an outlay in attempting to restore the boat to working order.

3. The Executive Engineer has, therefore, at my request prepared an estimate for two new punts to take the place of the old iron deep boat, and I have the honor to request you will be good enough to recommend their sanction.

4. The deep boat, No. 41, was built in 1861 at a cost of Rupees 4,693, and the value of the old iron to be obtained from it now is estimated at Rupees 600.

5. The design for an iron punt of 60 feet in length, now submitted, shows the diagonal bracing mentioned in my letter No. 2,557 of 26th ultimo.

From Captain R. R. E. BROCKMAN, R.E., Executive Engineer, in charge of No. 1 Range, Godavery District, to Major J. BEATTY, R.E., Officiating Superintending Engineer, Godavery District, dated Dowlaishweram, 20th November 1875, No. 459.

DISTRICT Engineer's No. 2,385, dated 13th November 1875.

With reference to the above, returning an estimate amounting to Rupees 4,542 for repairing No. 41 deep iron boat for re-consideration, I have the honor to report that, owing to the present dilapidated condition of this boat and the large sum required to put it into good order, I would suggest that two new punts of wooden sides and iron ribs, each 60 feet in length, should be built in lieu, in accordance with the plan and estimate I forward herewith. Boats of this description have answered every purpose, and have a great advantage, owing to their buoyancy in carrying power, over new iron punts of the same dimensions, whilst their cost is so much less. The carrying power of the deep boat No. 41 is equal to 40 cubic yards of rough stone, whilst the two punts now proposed to be constructed will carry 50 cubic yards. Deep boats are objectionable in many ways; they are more expensive to load and unload, are more unmanageable in a heavy current, and are not adapted for traffic in canals which are liable to shoal, or in parts of the river where there is shallow water. We can ill-afford to lose any one of our boats, and I would therefore solicit that sanction be obtained for constructing these two punts as soon after the commencement of next official year as possible. The construction of the six new 72-foot punts already sanctioned will be as much as the workshop can manage within the current official year.

No. 250-A. From Major J. BEATTY, R.E., Officiating Superintending Engineer, Godavery District, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, dated Dowlaishweram, 28th December 1875, No. 2,915.

In reply to your memorandum No. 1,464, of 17th December 1874, I have the honor to refer you to the latest annual statement of the irrigation floating plant

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Proceedings of the Madras Government, Public Works Department,
20th January 1876.

printed with G.O., No. 2,936, of 14th October 1875, by which you will observe the boat in question second on the list of iron deep boats; its old number having been 8, and the new one 41. Its original cost is given as Rupees 4,693, and its present book value Rupees 2,746. Its present condition is there shown as "in bad order, and should be repaired," but having been docked and examined it is believed to be better to build two composite punts, instead of going to the heavy expense of putting the old deep boat again into working order.

No. 30.

No. 250-B. *Note by the Chief Engineer for Irrigation.*

In the earlier letter the Officiating Superintending Engineer, Godavery, recommends the breaking up of iron punt No. 41, the original cost of which, built in 1861, was Rupees 4,693, while the estimated cost of repairs is Rupees 4,542, and he proposes to build two composite punts, 60 feet long, to take its place. The second letter affords some additional information.

2. The composite punts (iron frames and wood sheathing) have proved successful, their carrying power being fifty per cent. greater than that of iron punts of the same size.

3. The estimate for two composite punts is Rupees 4,810, and its sanction is recommended.

4. The value, Rupees 600, of the iron punt, No. 41, should be credited to Godavery Delta, Capital, Tools and Plant.

(By order,)

(Signed) A. DEC. SCOTT, Major, R.E.,
Asst. Chief Engineer, Irrigation Dept.

FORT ST. GEORGE,
8th January 1876.

No. 251. ORDER THEREON, 20th January 1876, No. 128.

IRRIGATION, No. 19.
Account.

The breaking up of iron punt No. 41, belonging to the Godavery Delta, is sanctioned, and the value of old materials will be credited to Tools and Plant, Capital.

2. The estimate of Rupees 4,810 for the construction of two composite punts is sanctioned from the provision for Navigation Plant, under Capital, Extraordinary, Godavery Delta.

(True Extract.)

Major-General, R.E.,
Secretary to Government.

To the District Engineer, Godavery.
" Chief Engineer for Irrigation.
" Controller of Public Works Accounts.

Encl. S. T. Aetia.
Spare Copies

No. 30

Note by the Chief Engineer for Irrigation

Enclosures

In the earlier letter, the Officiating Superintending Engineer, Godavery, recommends the breaking up of iron Punt No. 41, the original cost of which, built in 1861, was Rupees 4,693 while the estimated cost of repairs is Rupees 4,542, and he proposes to build 2 composite punts 60 feet long to take its place. The second letter affords some additional information.

2. The composite punts (iron frames and wood sheathing) have proved successful, their carrying power being 50 per cent greater than that of iron punts of the same size.

3. The estimate for 2 composite punts is Rupees 4,810 and its sanction is recommended.

The

4. The value Rs. 600 of the
iron pump No. 41 should be credited to
Godavery Delta Capital, Tools and Plant.
(By Order)

Sat Saint George
8th January 1876

Asst. Secy.

Major R.E.

Asst. Chief Engineer

Irrigation Department

The Secretary to Government.

P.W.D.

No. 30.

From,

The Chief Engineer for
Irrigation

To,
The Secretary to Govt.
P. M. D.

Dated 8th 3 January 1876.
Received

Enclosed b.

Note on the Estimate
of Rs 4810 for constructing
2 composite punts in
lieu of an old iron Punt
No. 41. —

20/1/76 N. 250

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for a put field etc
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20/1/76 N. 250

FORMER CASES.

Current No. of 187 .
 " " "
 " " "
 " " "

40 14 Oct/75 No 224-225
 " 29 Dec/74 - 494-496
 Since memo No 1464 of 27 Dec/75

M. WORKS FORM No. 3.

Current No. 202.

From
 The Chief Eng^r for
 Irrigation

No. 30
 Dated 8th 31 Jan 1876
 Recd: 14th 31 Jan 1876

Subject:-

Note on estimate of
 Rs 4810 for constructing
 2 composite punts in
 lieu of an old iron punt
 No 41.

LATER CASES.

Current No. of 187 .
 " " "
 " " "
 " " "

ENCLOSURES. 4.

From to
 " "
 " "

G.O. No 128. 20. 1. 76.
 Orders and Proceedings in file.

Depart- ment.	No.	Date.	ENDORSEMENTS.		
			Depart- ment.	No.	Dated.
PLD.	494 496	29 Dec 1/75			
"	224 225	14 Oct 1/75			

20/1/76 No 250

Since 1. 76

No 128

Public Works Dept
 Proceedings of the Madras Government
 Under date the 20 Jan 76.
 Read the following:-

From
 The Chief Engineer for
 Irrigation } (H.S. No 30 d/ 8 Jan 1876)

The breaking up of
 iron Punt No 41 belonging to
 the Godavery Delta is sanctioned
 and the value of old materials
 will be credited to Works and Plant
 Capital.

2. The estimate of Rs 4810 for the construction of two
 composite punts is sanctioned
 from the provision for Naviga-
 tion Plant under Capital
 Extraordinary, Godavery
 Delta.

J. R. Godavery
 Chief for S.S. with 5 Encls
 Contd. P.W.D. with 1 Abt etc
 respd - 27-1-76

W. J. [Signature]

25/12
Cdt. of 1876 Godavari.
PUBLIC WORKS.

6
D. L. Godavari
2/12/1876

20 Jan. 1876 No. 128

No. 250-257

Public Godavari Estimate
of Rs. 480 for constructing
two composite — sanctioned
also the breaking up of iron
piles No. 41 belonging to the
Godavari Delta.