

(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.	273	Press
B.P. No.		Mis.
Dated	2 - 2	1875 195

Not to be folded or roughly handled

No 2176

District Engineer's Office, Godavari
Dowlaisherum, 9th October 1871

Sir,

Major J. Reilly R.E.

District Engineer Godavari

To,

Colonel G. S. Walker R.E.

Secretary to Government P.W.D.

Madras

Sir,

As directed in para 3 of
G.O. No 2271 of 17th August 1871, I have
the honor to submit herewith a list of the
Harbour Floating Plants of this District,
showing the ordinary and special repairs
proposed to be carried out in the present
year, if funds can be provided.

The Steamer "Fred and May",
which was brought up from Cocanada to
have a new boiler fitted on her, is still
in the Workshop, as the boiler has not
yet arrived; though, according to G.O.
No 1713 of 25th June 1871, it was to be des-
patched from England in the Month
of May.

15

3. The value of the Steamer,
2 dredges, and twelve punts, is estimated
at Rupees 1,59,518, including the pro-
-bable value of the materials used in the
construction of the punts 1 to 11, which were
fitted up in this country.

4. As these vessels are wholly
of iron it is thought that 2½ per cent.
would suffice for their maintenance, or
Rupees 5000 yearly, after they have been
placed in thorough repair.

5. Only a sum of Rupees 2700
has been provided for repairs to this nar-
-rable plant in the present year, which
is quite insufficient, as it requires re-
-novation to a very considerable extent.

6. About half the punts be-
-longing to the harbour dredges are
utterly unserviceable from long use and
neglect of regular repair, and cannot
be used again until extensive repairs
have been done to them; so that unless
funds can be provided for putting new
bottoms

Vide this office
letter No 17234
23 September 1872

Vide accompanying
letter to the Chief
Engineer for inspection

bottoms to some of them, the dredging
of the Cocanada Harbour cannot be
carried out satisfactorily during the
working months of this and next year,
and traffic in that port must be
greatly obstructed.

7. The Executive Engineer has
arranged to proceed with the rebottoming
of one of the harbour punts out of the
funds already allotted, and similar
work to five more will be undertaken
to whatever extent funds may be provided.

8. With reference to the latter
part of para 3 of the above mentioned
G.O. relative to the construction of a
fresh water basin or dock, for harbour
plants not in use, I have the honor to
re-plain that the Cocanada Iron Bridge
is so low that the Harbour dredges could
not be brought up above it without first
taking down all their massive standard
gearing

gearing and beams, and that consequently these dredges and the Steamer cannot be placed in a fresh water dock near Coroor, unless the bridge be provided with a movable bay; on the other hand the great expense of constructing such a basin of sufficient size (to be supplied with fresh water by a channel from Coroor) for all this plant alongside the Coenada tidal creek, below the iron bridge, has hitherto prevented this alternative scheme receiving due consideration. It will now be carefully examined and reported on as early as possible. As the Coenada bridge has its roadway carried on the top flange of iron lattice girders it would probably be almost as cheap to rebuild the entire bridge in a new form, as to fit the present structure with a movable centre.

G. In order to reduce my present demand

11, 8, & 9 now
the workshop

demand as much as possible, I have only proposed to carry out the special repairs to three of the punts this year, but it is very desirable that special repairs to three other punts should go on as soon as possible.

10. As 2700 Rupees have been already allotted to this description of Floating Plant, what is now asked is the balance Rupees ~~5026~~¹¹⁹⁵⁷; but if funds can be provided, the additional grant may be made Rupees 10,000, which would enable the Officer in charge of Workshop to proceed with the repairs of six of the punts; detailed estimates being submitted as the punts are docked and examined.

I have the honor to be
Sir,

Your Most Obedt. Servant
P. R. R. Major R. R.

District Engineer Godanery

3. gearing and beams, and that consequently
 2. the dredges and the steam engine
 at 9. be placed in a fresh water dock
 - but Coroor, unless the bridge be provided with
 a movable bay; on the other hand the
 11. great expense of constructing such a dock
 of sufficient size to insure sufficient water
 water by a channel from Coroor for
 all this plant along side the Coroor
 tidal creek, below the iron bridge, has
 5. hitherto prevented this alternative
 has receiving due consideration. It will
 - be now be carefully examined and reported
 is as early as possible. As the Coroor
 - Canada bridge has its roadway on and
 6. on the top flange of iron lattice girders
 - it would probably be almost as cheap
 to rebuild the entire bridge in a new
 form, as to fit the present structure
 with a movable centre.
 9. In order to reduce any possible
 demand

11, 8, & 9 now
 the workshop

demand as much as possible, I have
 only proposed to carry out the special
 repairs to three of the piers this year,
 but it is very desirable that special
 repairs to three other piers should go
 on as soon as possible -

10. As 2700 Rupees have been
 already allotted to this description of
 Floating Plant, what is now asked is
 the balance Rupees 5026; but if funds
 can be provided, the additional grant
 may be made Rupees 10,000, which would
 enable the Officer in charge of Workshop
 to proceed with the repairs of six of the
 piers; detailed estimates being submitted
 as the piers are docked and examined

I have the honor to be
 Sir
 Your Most Obedt. Servant
 P. Rattay. Major R.E.
 District Engineer Godanery

Extract from a letter No. dated
October 1874 from the District Engineer
Godavery to the Chief Engineer for Irriga-
-tion Madras.

2. On 23rd July last, I submitted
one general list of the whole floating
plants of the District, including Irriga-
-tion, Harbour, Upper Godavery Naviga-
-tion, and Local Fund, and proposed
an expenditure for the present year, on
the Irrigation and Harbour plant only,
in ordinary and special repairs, amounting
to Rupees 41,608, that being the ut-
-most the Workshops could
undertake to carry out this year.

3. On now separating the plants
into four lists and revising the proposed
expenditure with reference to the more
exact information possessed of the State
of the plants, I adhere to the same total
value of work to be done, but have re-
-duced the share of it to be devoted to
the Irrigation Plant, and increased
the

* as nearly as
practicable

Received 14th October 1874
The District Engineer
Godavery,
Madras

Submitted 15th October 1874
J. S. S. S.
Submitted as
Revised Statement
of Harbour Floating
Plant.

No. 293.2-2-95.

Ch. 23
11. 17. 1874
15. 10. 1874

the demand for Harbour Works
 4. Some of the harbour
 pontoons long known to be in a very
 inefficient state, but which it was
 hoped might be made to work through
 another dredging season, have since
 been brought into the workshop and
 on examination found to be so decayed
 that it would be unsafe to attempt
 using them further until extensive
 repairs have been done, and this is
 most urgent as the dredging of Loca-
 mada bar cannot be carried on
 without them, and the traffic of
 the port would be seriously obstruct-
 ed.

5. I have therefore altered
 the proposed expenditure as follows.

	Proposals of 23rd July		Now Proposed	
Dredging	0,240	32,343	4,019	29,092
Harbour	1,950	10,069	11,550	7,270
Total	8,190	33,412	60,693	36,968
Grand Total	41,008		1,3,037	

X X X X

J. P. Peatty Major R.E.
 District Engineer Croydon
 True Contract
 J. Peatty Major R.E.
 District Engineer Croydon

Shore

P. N. 6457/74

Statement showing the

Number and description of

Shore Floating Plant.

In the Godavari District

and repairs proposed to such

in the present and in next

years 1874-75 & 75-76.

Shore Floating Plant

74

75

76

77

78

79

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Statement shewing the number and description of Floating Plant in the Godavery District and repairs proposed to each in the present and in next years.

General No.	Description	Vehicle No.	Value	When last repaired	Cost of last repair	Proposed repairs for the present for next year 1874/75 year 1875/76	Remarks.
1	2	3	4	5	6	7	8
1	Steamer "Fred & Mary"	22967	157074	2630	900	100	See below in Doulichinaram
2	Sea Barge	20008	157074	2630	900	100	See below in Doulichinaram
3	Sea Barge	20008	157074	2630	900	100	See below in Doulichinaram
4	Sea Barge	20008	157074	2630	900	100	See below in Doulichinaram
5	Sea Barge	20008	157074	2630	900	100	See below in Doulichinaram
6	Sea Barge	20008	157074	2630	900	100	See below in Doulichinaram
7	Sea Barge	20008	157074	2630	900	100	See below in Doulichinaram
8	Sea Barge	20008	157074	2630	900	100	See below in Doulichinaram
9	Sea Barge	20008	157074	2630	900	100	See below in Doulichinaram
10	Sea Barge	20008	157074	2630	900	100	See below in Doulichinaram
11	Sea Barge	20008	157074	2630	900	100	See below in Doulichinaram
12	Sea Barge	20008	157074	2630	900	100	See below in Doulichinaram

The sum marked thus are 2067 approximations only; detailed 2069 estimates will be submitted as 2067 sum as each point is worked out by carefully examined.

These repairs were sanctioned in 20.10.83 and funds allotted in 20.10.83 July 1874.

(A new pump, finished 1872-73)

Total 159518 1450 7270 1650 14483 16133

District Engineer's Office Godavery 2
 Doulichinaram 9 October 1874

Major R.C. District Engineer Godavery

Forwarded
 Engineer
 General
 Major
 Doulichinaram

Public Dept Sept
 Proceedings of the Madras Govt
 Read the following:-

From the D/Comptroller (H. E. Esq. Oct 1/74.)
~~From the D/Comptroller (H. E. Esq. Oct 1/74.)~~

The report forwarded
 by the District Engineer
 Godavari, in reference
 to the Godavari Harbour
 floating plant shows
 that in order to provide
 for necessary repairs
 and to prevent further
 and rapid deterioration,
 immediate and extensive
 expenditure is absolutely
 necessary. The estimated
 value of the property
 at stake is Rs 1,59,518 con-
 sisting of one steamer
 two dredges and twelve
 Puntas or Spoil boats
 and

Handwritten signature/initials

[Faint handwritten notes and a table with multiple columns and rows, mostly illegible due to fading and bleed-through.]

and Major Beatty proposed to expend on it, during the current year Rs 8726 and in the ensuing year Rs 16133 apportioned as follows.

Steamer Fred and May	1875/76 500	1875/76 500
Dredges	700	700
Sea Punt	7326	14733
Total	8726	16133

2. At present a great portion of this Plant is unserviceable and the work on which it should be engaged, (the dredging of the Cocanada bar) of vital importance to the commercial interests of the Port cannot be performed.

3. In the order of Govt. marginally noted a special allotment of Rs 1067 was made from Provincial

GO No 1943 d/20 July 1874.

funds for the completion of the repair of a Sea Punt and an additional assignment of Rs 2700 was sanctioned in G.O. No 2271 of the 17th August 1874 for the whole of the section of the Godavery floating plant meet at the cost of ordinary annual repairs. A further sum of Rs 5000 would be required during the present year to complete the work suggested by the District Engineer as the minimum for execution but that officer recommends a larger outlay if funds are available, and intimated that the District Engineer could dispose

of an allotment of Rs. 10,000. As it is obvious that the really economical course would be to place the whole of this valuable property in an efficient state with the least possible delay the above sum will be placed at Major Beatty's disposal.

It ~~arrangements~~ will accordingly be ~~made~~ ^{suggested} to the Financial Dept. that a transfer of Rs 5000 be made from the allotment of Rs 100 of the Provincial Budget, (Post funds) as that sum will not be required for the work referred to. And ~~an~~ additional allotments to make up the ^{entire} ~~required~~ ^{required} amount will be

I have found under the Control of S.P. that this order can be passed without any communication & without ascertainment. His news? M

* Improvements to change the harbour.

has provided ^{as extra} from the same source of practically ~~unlimited~~ ^{unlimited} funds for the Provincial service. ~~which are received~~ ^{which are received} under the

5. With reference to the expenditure which it appears will be necessary during the ensuing year for Ordinary and Extraordinary repairs to this Plant, amounting to Rs 16,183, it is also observed that as the Steamers Sredge and Sea Point are employed entirely on the conveyance of the harbour of Coquand all outlay on their account appears to be fairly and legitimately debitable to Post funds.

With the above remark
the subject of the provision
of funds to meet the pro-
posed outlay for 1875-76
will be remitted for con-
sideration in the Finan-
cial Department where also
the question of the incidence
of the prospective an-
nual expenditure for
the upkeep of the Plant
estimated by the District
Engineer at Rs 5000 will
be disposed of.

6. The report of the
District Engineer on the
project for the construction
of a fresh water basin
above or below the Jocarada
iron bridge is awaited.

M. V.
A. S.

To the D. C. Gadavay ✓
" Financial Dept ✓
" Controller ✓
" Chief Engr. for S. R. ✓
Despt. to all 3/2/75

Handwritten signature
Dated
Recd.
a. c. 2 Feb. 1875. No. 273

No. 23-24.

Heating Plant

Passing views on
the subject of the
provision of funds
for 1874/75 & 1875/76
for the repair of the
Heating Plant