M.R.O. 1—77,006—8-6-51.

(1) Number of pages 15

(2) Date of repair 21-4-54

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public works **DEPARTMENT.**

G.O. No. 2834 Press -Mis.-
452-53

Dated 24- 11- 1870.

Not to be folded or roughly handled

No. 452. Read the following letter from the Acting Superintending Engineer, 1st Division, to the Secretary to Government, Public Works Department, dated Dowlaishweram, 26th October 1870, No. 2,505:—

GOVERNMENT in G. O. of the 17th February last, No. 49, Marine Department, directed the sale of the steamer *Godavery*, but up to this date this has not been effected, and the condition of the vessel is now worse than ever. I have the honour to forward a report from Captain Hasted, R.E., giving the result of his examination of the steamers and dredges at Cocanada, and it will be seen from this he recommends the *Godavery* should be broken up, and the engines, etc., made over to the Workshops, and this arrangement I beg to submit for the favourable consideration of Government.

2. The dredges and flats we will keep in order as funds for the purpose may be supplied. One of the former, however, requires a new boiler, and this has already been reported, and the plan for the same sent in. I have already, several months ago, sent in a proposal to the Collector to work the steamer *Fred and May* in Cocanada Harbour, and see if we cannot make her earn something; if Government are pleased to authorize this proceeding, a trial can be made for some months, and the result reported. I am not aware if the Collector has submitted this proposal for orders.

3. We have another large steamer here, the *Frank and Ada*, doing nothing, and not likely to be of any use. Her engines, 40-H. P. are in good order, and she has recently had a new boiler from England fitted into her. I beg to request permission may be granted to me to dismantle this vessel and build a new steamer here, for her machinery is more adapted to river navigation, something like the old *Pottinger*. At present we have no steamer which can face a flood in the river, and in the event of any accident occurring to the works in the Central or Western Delta, we have no means of sending a boat load of stone across the river, and it is most important, with the large expenditure contemplated for the completion project, our floating plant should be in thorough working order at all seasons. The outlay required for this purpose would be debitable to Loan funds, "Tools and Plant," and the sooner we can set to work on the vessel, I beg to observe, the more likely we are to be able to save in the cost of transporting materials.

From the Officer in charge No. 1 or Eastern Delta Range, Godivery District, to the Superintending Engineer, 1st Division, dated Dowlaishweram, 21st October 1870, No. 377.

WITH reference to your memorandum, No. 2,318, dated 10th October 1870, I have the honour to report that I have made a thorough examination of the two sea dredges and steamers at Cocanada.

Two Estimates.

2. Dredge No. 2 is, for the present, useless, the boiler being so far gone that it cannot be repaired; the machinery and hull are in good order; painting and sundry repairs only are required before laying her up in fresh water to await arrival from England of the boiler, plan of which was sent to you on the 1st October 1870; an estimate, amounting to Rupees 950, for repair is herewith forwarded.

3. Dredge No. 1 is in fair order, and her boiler having been repaired she is fit for work for some time. She is now working at the entrance of the Groynes, Cocanada Harbour. Work will have to be stopped now for a time on account of the north-east monsoon, but she will be required to continue the work when the weather is again settled, and I do not propose to paint her till after this work is done; a sum of about 800 Rupees will probably suffice to do all that will then be necessary.

4. The steamer *Godavery* is, I consider, not worth repairing; not only does she require a new bottom, as reported by my predecessor on the 10th September 1870, but the angle and T irons forming her frame work are so corroded that most of them require renewal. Her engines are in good order, and this being the case it was supposed she would be saleable; but though she has now for a considerable time been advertised for sale, no reasonable offer has been made for her. I would propose that due notice having been given, she should be put up to public auction as she stands, and that in the event of no reasonable offer being then made, that Government should be requested to sanction her being bought by the Government Workshop, where her engines might be made available to drive all the machinery in the fitters' shop and possibly the circular saw. A considerable saving in labour could be made in the shop by the use of a steam engine, and the cost of the steamer could, I think, be met from the allotment for the current year. If she is not to be sold I would recommend that she may be docked at once at Cocanada, as I do not consider she is in a fit state to be taken round to Coringa and up the river.

5. The steamer *Fred and May* is in fair order, and requires only painting and sundry repairs to be executed before laying her up in fresh water; an estimate, amounting to Rupees 600, for this purpose is herewith forwarded.

6. I have the honour to request that the estimates now submitted may be sanctioned as early as possible. As soon as the repairs are executed, I will, in accordance with directions contained in your memorandum under reply, tow Dredge No. 2 by means of the *Fred and May* up the Godavery, to either Dowlaishweram or Alamoor, whichever may appear most convenient, where they can be in fresh water near the lock.

7. The twelve iron punts that have been with the sea dredges are all in need of painting, and many of them of further repair. I have left six that are in fair order with the dredge now working, and the remainder I have brought up to the Workshop to be thoroughly examined; an estimate for their repair will be forwarded shortly. From what has already been done to two of them I believe the twelve punts may be put in thorough repair for Rupees 5,000, and I would request permission to go on with their repair immediately, as I have a great deal of work for boats just now, and am likely to have more.

No. 453. ORDER THEREON, 24th November 1870, No. 2,834.

CIVIL WORKS, No. 32.

PARAGRAPH 1 of the Acting Superintending Engineer's letter will be communicated to the Marine Department with reference to the Proceedings in that Department, dated 17th February 1870, No. 49.

2. As the employment of the steamer *Fred and May* in the Cocanada Harbour is likely to deteriorate her condition the Government are not prepared to entertain the proposal in paragraph 2.

3. Major Fischer will submit a plan and estimate for replacing the hull of the *Frank and Ada* to adapt her to river navigation, and on their receipt the

Government will consider the question of the practicability of providing funds for the work from the allotment for Tools and Plant.

(True Extract.)

Colonel, R.E.,

Secretary to Government.

To the Acting Superintending Engineer, 1st Division.
" Marine Department.

Exd. S. T. Augustin.

Dowlaishweram
Executive Engineer's Office
21st October 1870

No 377

From

The Officer in charge
No 1 or E.D. Range
Godavery District

To

The Superintending Engineer
1st Division
Dowlaishweram

Sir,

1 With reference to your memo No 2318, dated 10th October 1870, I have the honor to report that I have made a thorough examination of the 2 Sea Dredges and Steamer at Coconada

2. Dredge No 2 is for the present useless the Boiler being so far gone that it cannot be repaired, the machinery, and hull, are in good order, painting and Lundry repairs only are required before laying her up in fresh water to await arrival from England of the Boiler, Plan of which was sent to you on the 1st October 1870. an Estimate amounting to Rupees 950 for repairs herewith forwarded.

3. Dredge No 1 is in fair order and her Boiler having been repaired she is fit for work

work for sometime. She is now working at the entrance of the Groynes, Cocanada Harbour. Work will have to be stopped now for a time on account of the North East Monsoon, but she will be required to continue the work when the weather is again settled and I do not propose to paint her till after this work is done, a sum of about 600 Rs. will probably suffice to do all that will then be necessary.

4 The Steamer Godavery is consider not worth repairing not only does she require a new bottom as reported by my Predecessor on the 10th September 1870, but the angle and Irons forming her frame work are so corroded that most of them require renewal. Her Engines are in good order, and this being the case it was supposed she would be saleable, but though she has now for a considerable time been advertised for sale no reasonable offer has been made for her. I would propose that due notice having been given, she should be put up to public auction, as she stands, and that in the event of no reasonable offer being then made, that Government should be requested to sanction her being bought by the Government Workshops where her Engines might be made available to drive all the machinery in the fitters Shop & possibly the Circular Saw. A considerable saving in labor could be made in the shop by the use of a steam Engine and the cost of the steamer could I think be met from the allotment for the current year. If she is not to be sold I would recommend that she may be docked at once at Cocanada, as I do not consider she is in a fit state to be taken round to Coringa and up the river.

5 The Steamer "Fred & May" is in fair order and requires only painting and sundry repairs to be executed before laying her up in fresh water, an Estimate amounting to Rupees 600 for this purpose is herewith forwarded.

6 I have the honor to request that the Estimates now submitted may be sanctioned as early as possible. As soon as the repairs are executed I will in accordance with directions contained in your Memo. under reply, tow Dredge No. 2 by means of the "Fred & May" up the Godavery to either Cowlitch Waram or Mannoor whichever may appear most convenient where they can be in fresh waters near the Lock.

The 12 Iron Punts that have been with the two Dredges are all in need of

of painting and many of them of further repair. I have left to that are in fair order with the Dredge now working and the remainder I have brought up to the Workshop to be thoroughly examined & an Estimate for their repair will be forwarded shortly. From what has already been done to 2 of them I believe the 12 Punts may be put in thorough repair for Rs. 5000 and I would request permission to go on with their repair immediately as I have a great deal of work for boats just now and am likely to have more.

I have the honor to &c.
(Signed) J Haslet Captain R.E.
Executive Engineer

(True Copy)

Lieut. Tucker Major R.E.
Acting Supg. Engr. 1st Div.

Supg. Engineers Office 1st Division
Dowlaishwaram 26th October 1870

No. 2505

From

Major J. F. Fischer R.E.
Actg. Supg. Engineer 1st Division

To

Colonel C. A. Orr R.E.
Secretary to Government P.W.D.
Madras

Sir

Government in G.O. of the 17th February last No. 9 Marine Department directed the sale of the Steamer "Godavery" but up to this date this has not been effected and the condition of the vessel is now worse than ever. I have the honor to forward a report from Captain Haslet R.E. giving the result of his examination of the Steamers and Dredges at Coconada, and it will be seen from this he recommends the Godavery should be broken up and the Engines &c made over to the Workshops, and this arrangement I beg to submit for the favorable consideration of Government.

2. The Dredges and Flats we will Mess in order, as funds for the purpose may be supplied

supplied. One of the former however requires a new boiler, and this has already been reported, and the plan for the same sent in. I have already several months ago, sent in a proposal to the Collector to work the Steamer "Fred^k Huey" in Locomoda harbour, and receive we cannot make better than something - if Government are pleased to authorize this proceeding a trial can be made for some months and the result reported. I am not aware if the Collector has submitted this proposal for orders.

3 We have another large Steamer here the "Frank and Ada" doing nothing and not likely to be of any use. Her Engines 40 H.P are in good order, and she has recently had a new boiler from England fitted into her. She is to request permission may be granted to me to dismantle this vessel and build a new steamer here for her machinery more adapted to river navigation something like the old "Pottinger". At present we have no Steamer which can face a flood in the river and in the event of any accident occurring to the works in the Central or Western Delta we have no means of sending about load of stone across the river and it is most impor-

tant

important with the large expenditure contemplated for the completion project our floating plant should be in thorough working order at all seasons. The outlay required for this purpose would be, debitable to Loan funds "Tools and Plant", and the Steamer we can set to work on the vessel they to observe, the more likely we are to be able to save in the cost of transporting materials.

I have the honor to be
Sir
Your most obedient Servant

Lieut. Teacher Major R.E.
Acting Supt. Engineer 1st Division

No 2834 P. W. D.

Proceedings of the Madras Government

Read the following

From

The Ag. Supdg. Engineer
1st Div.

(R. C. No. 2505 dy 26th Oct 1870)

Para 1 of the Acting Superintending Engineer's letter will be communicated to the Marine Department with reference to the Proceedings in that Dept. dated 17th February 1870 No. 49.

As the employment of the Steamer "Fred and May" in the Cocanada harbour is likely to deteriorate her condition the Govt. are not prepared to entertain the proposal in Para 2. Major

No

Read the following letter from the Ag. Supdg. Engineer 1st Division, dated 26th October 1870 No. 2505.

Para 1 of the Acting Superintending Engineer's letter will be communicated to the Marine Department with reference to the Proceedings in that Dept. dated 17th February 1870 No. 49.

As the employment of the Steamer "Fred and May" in the Cocanada harbour is likely to deteriorate her condition the Govt. are not prepared to entertain the proposal in Para 2. Major

Major Fischer will submit a plan and estimate for replacing the hull of the "Fran and Ada" to adapt her to river navigation and on their receipt the Govt will consider the questions of the practicability of providing funds for the work & finally the allotment of Tools and Plant

Further Rec'd 4th & 13-3-71

S. Engr Dept
Marine Dept
Decr 25/11/70

C/c 4399

Gobt. of 1870 Mines.

PUBLIC WORKS.

To Hedges Superintending Engr
1st District

Dated

Rec'd.

24th Sess. 1870.

Nos. 452 & 453

Steamers & Dredges. Passing orders
in the Delta from the Superintendent
the 1st Dist submitting a report
on the State of the Steamers &
Dredges on the Sacramento River.