

(1) Number of pages \_\_\_\_\_

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(3) Initials of the Referencer \_\_\_\_\_

# MADRAS RECORD OFFICE

## Government of Madras

*Public Works*

DEPARTMENT

|          |        |       |
|----------|--------|-------|
| G.O. No. | 1949   | Press |
| B.P. No. |        | Mis.  |
| Dated    | 20 - 7 | 1874  |
|          |        | 195   |

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,  
20th July 1874.*

Read the following papers:—

No. 434. From the Inspecting Engineer for Ports and Communications, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Coonoor, 27th April 1874, No. 35-12.

With reference to paragraph 6 of G. O., No. 236, dated 2nd February 1874,

|            |     |     |        |       |                                         |
|------------|-----|-----|--------|-------|-----------------------------------------|
| 1 Estimate | ... | ... | Rupees | 1,085 | I have the honor to report that returns |
| 1 Do.      | ... | ... | "      | 1,280 | of the floating plant have been called  |

for from the District Engineers, and when all are received a complete statement will be submitted to Government in the form circulated with the Government Order.

2. The District Engineer of Madura, however, has forwarded to me a statement of the plant at Paumben, with two estimates, viz., one for the annual up-keep of the plant, amounting to Rupees 1,085, and the other for the special repairs *urgently* required to mud boats Nos. I. and II. and to the hand-dredge in use in the Paumben channel, amounting to Rupees 1,280. I beg to submit these estimates for the early sanction of Government, in order that the District Engineer may be enabled to complete the needful repairs as soon as possible.

3. In the estimate for Rupees 960 for special repairs to mud boats Nos. I. and II., provision is made for fresh planking below water line, and for renewing some of the ribs, etc., that are much deteriorated from long use. The District Engineer states that the repairs made last year to these boats were only such minor ones as sufficed to render them useful for the time being. The estimate for Rupees 320, for the special repairs of the hand-dredge, provides for copper sheeting between water line and the existing copper. This dredge appears to be constantly kept afloat, and therefore the District Engineer recommends protecting the planking from the destructive effects of the sea water upon Ashnee timbers.

4. Colonel Roberts suggests that the estimated outlay of Rupees 1,085, for the maintenance of the plant, be met from the sum of Rupees 1,300, sanctioned in G. O., No. 1,876-A, dated 24th July 1873, and allotted in G. O., No. 716, dated 16th March 1874, the saving of this allotment, viz., Rupees 215, being made available for executing the special repairs to the mud boats and the hand-dredge (estimate Rupees 1,280), and that the balance (Rupees 1,065) of the latter estimate be granted from the Reserve under "Tools and Plant," "Provincial," at the disposal of Government, *vide* paragraph 6 of G. O., No. 716, abovementioned.

No. 435. From Lieutenant-Colonel R. A. ROBERTS, R.E., District Engineer, Madura, to Colonel G. W. WALKER, R.E., Chief Engineer, Public Works Department, dated Madura, 13th June 1874, No. 1,019.

In obedience to your memorandum, No. 345, of 16th ultimo, I have the honor to forward herewith the statement showing the outlay under each head of separate sanction during 1873-74 for floating plant at Paumben.

1 Estimate of Rupees 731-8-0.  
1 Statement.  
1 Extract of Statement of Correction.

2. The Madura Range Officer having been requested to report why the expenditure in connection with the last year's grant for Tools and Plant at Paumben

was not accounted to the Controller in the required form, explains in his letter No. 155, of 27th ultimo, that the detail of monthly expenditure under each head has been forwarded to the Controller in a bill form, which the Controller did not object to, up to March 1874, when in sending a statement of corrections in the Range Accounts for December 1873, the Controller has pointed out, as will be observed from the enclosed copy of extract, that the expenditure on Tools and Plant should be detailed in the progress report against the different sanctioned estimates. As the intimation was received towards the close of the year, the Range Officer states that in consequence of numerous other engagements the monthly expenditure under each head was not totalled up by him from the bills. But this, I am of opinion, the Controller could have easily done himself.

3. I may take advantage of this opportunity of bringing to your notice that the Overseer at Paumben informed me, subsequent to the submission of the two estimates with this office letter No. 214 of 20th April last, that the whole of the current year's Budget grant was required for the maintenance alone of the plant at Paumben, and that Rupees 1,280 for special repairs, and Rupees 568-8-0 being the unexpended balance of last year for the construction of two mud boats, were required to be sanctioned as additional grants.

4. In this office memorandum No. 846, of 3rd instant, it was represented to Mr. Fonseca how inconsiderate he was in applying for additional funds after the abovementioned two estimates have been submitted for sanction, and that as financial circumstances might not permit the Government to sanction the additional grant, it appeared necessary for him to revise the estimate of Rupees 1,085, so as to comprise only services absolutely required, with a view of avoiding the necessity for troubling the Government for the sanction of any additional sum to the Budget grant beyond what has already been applied for, for special repairs.

5. Under these circumstances I request that you will be so good as to substitute the enclosed estimate of Rupees 731-8-0 for that of Rupees 1,085, and to accord sanction as follows:—

|                                                  |                                                                 |
|--------------------------------------------------|-----------------------------------------------------------------|
| Rupees 731-8-0 for the maintenance of the plant. | } Both to be met from<br>the Budget grant.<br>Special sanction. |
| " 568-8-0 for the completion of two boats.       |                                                                 |
| " 1,280-0-0 for special repairs.                 |                                                                 |

No. 436.

ORDER THEREON, 20th July 1874, No. 1,949.

ACCOUNT, No. 21.

His Excellency the Governor in Council sanctions the revised proposal of the second of the letters recorded above, viz., to appropriate the allotment of Rupees 1,300 for annual repairs to the floating plant at Paumben, sanctioned in G. O., No. 1,876-A, of 24th July 1873, as follows, viz:—

NEW WORK.

|                                                            |     |    |    |
|------------------------------------------------------------|-----|----|----|
| 1. Completion of two new mud boats commenced in 1873-74... | RS. | A. | P. |
|                                                            | 568 | 8  | 0  |

|          |                       |     |     |     |     | RS. | A. | P. |
|----------|-----------------------|-----|-----|-----|-----|-----|----|----|
| REPAIRS. |                       |     |     |     |     |     |    |    |
| 1.       | To two mud boats      | ... | ... | ... | ... | 200 | 0  | 0  |
| 2.       | One stone boat        | ... | ... | ... | ... | 40  | 0  | 0  |
| 3.       | Two canoes            | ... | ... | ... | ... | 60  | 0  | 0  |
| 4.       | Superintendent's boat | ... | ... | ... | ... | 50  | 0  | 0  |
| 5.       | Hand-dredge           | ... | ... | ... | ... | 200 | 0  | 0  |
| 6.       | Anchors               | ... | ... | ... | ... | 25  | 0  | 0  |
| 7.       | Jumpers               | ... | ... | ... | ... | 50  | 0  | 0  |
| 8.       | Sundry tools          | ... | ... | ... | ... | 106 | 8  | 0  |
| Total... |                       |     |     |     |     | 731 | 8  | 0  |

2. He also sanctions the two estimates of Rupees 960 and Rupees 320 for special repairs to two mud boats and the hand-dredge, consisting of fresh planking below water line, and renewal of some ribs to the former, and of additional copper sheeting to the latter. But he is not in a position at present to make an allotment of funds for immediate execution of the work.

3. The Madura Range Officer will be cautioned to conform strictly to the rules of the department, which prescribe that in the monthly Progress Reports shall be shown the outlay on each separate estimate sanctioned by Government under Tools and Plant, precisely as for Works and Repairs.

(True Extract.)

Colonel, R.E.,  
Secretary to Government.

To the District Engineer, Madura.  
,, Officiating Controller of Public Works Accounts.

Exd. S.T. Austin.  
Spare Copies

No

Office of the Inspecting Engineer  
for Ports and Communications  
Coonor 27 April 1874  
From

The Inspecting Engineer  
for Ports and Communications  
To  
The Chief Engineer and Secretary  
to Government D. P. W.  
Sir,

Enclosures.

1 Estimate Rs.

1,085

1 do. 1,280.

2

With reference to para 6 of G.O.  
No 236, dated 2nd February 1874, I have  
the honor to report that returns of the  
floating plant have been called for  
from the District Engineers, and when  
all are received, a complete statement  
will be submitted to Government in  
the form circulated with the G.O.  
2. The District Engineer of Madras,  
however, has forwarded to me a state-  
ment of the plant at Panbani, with  
two estimates viz. one for the annual  
upkeep of the plant amounting to

Rs 1085 and the other for the special repairs urgently required to mud boats N<sup>os</sup> I and II and to the hand dredge in use in the Panbani channel, amounting to Rs 1280. I beg to submit these estimates for the early sanction of Government in order that the District Engineer may be enabled to complete the needful repairs as soon as possible.

3. In the estimate for Rs 960 for special repairs to mud boats N<sup>os</sup> I and II, provision is made for fresh planking below water line and for renewing some of the ribs ~~yes~~ that are much deteriorated from long use. The District Engineer states that the repairs made last year to these boats were only such minor ones as sufficed to render them useful for the time being. The estimate for Rs 320 for the special repairs of

the hand dredge, provides for copper sheeting between water line and the existing copper. This dredge appears to be constantly kept afloat, and therefore the District Engineer recommends protecting the planking from the destructive effects of the sea water upon Ashree timbers.

4. Colonel Roberts suggests that the estimated outlay of Rs 1085 for the maintenance of the plant be met from the sum of Rs 1300, sanctioned in G.O. N<sup>o</sup> 1876, dated 24<sup>th</sup> July 1873, and allotted in G.O. N<sup>o</sup> 716, dated 16<sup>th</sup> March 1874, the saving of this allotment viz Rs 215 being made available for executing the special repairs to the mud boats and the hand dredge (estimate Rs 1280), and that the balance (Rs 1065) of the latter estimate be granted from the reserves



Pyl. Works 1874, Dept.  
 From No. 500, 901 No. 2598.  
 The Inspecting Eng. for  
 Ports & Comm.  
 To The Chief Engineer &  
 Secretary to Govt. of M.

Dated 2nd April /74  
 Dept. 30.  
 Recd. 1st May.

G. O. No. 1343. 20-7-74  
 Submitting for the  
 early orders of  
 Government estimates  
 for the annual  
 maintenance and  
 special repairs of  
 the floating plant  
 at Pamban, Madras  
 District.

Memo. No. 215 11/12/74

Cto 434

Memo to Cto 1st May /74

Detailed Estimate for Annual upkeep of the floating  
 Plant in use at the Pamban channel at Madras  
 District for 1874-75.

| Qty | Description                                                        | Rate    | Amount | Total of each class |
|-----|--------------------------------------------------------------------|---------|--------|---------------------|
|     | Maintenance Repairs to—<br>The Almirah Officers Boat—<br>Materials |         |        |                     |
| 2   | Pieces Sail cloth for awning—at                                    | 2 8 ..  | 5 ..   | 5                   |
| 2   | Keels paint—at                                                     | 4 8 ..  | 9 ..   | 9                   |
| 1   | Boat Oil Turpentine—at                                             | 12 ..   | 3 ..   | 3                   |
| 1/2 | Togluam cotton—at                                                  | 6 ..    | 3 ..   | 3                   |
| 5   | Shawandalai oars—at                                                | 10 ..   | 50 ..  | 50                  |
|     | Labour                                                             |         |        |                     |
| 10  | Boatmen—at                                                         | 9 ..    | 5 ..   | 5                   |
|     | Total Estimate Rupees                                              |         |        | 75                  |
|     | Out Rigger—<br>Officers Launch—<br>Materials                       |         |        |                     |
| 2   | Togluam Hammer—at                                                  | 1 12 .. | 3 8 .. | 3 8                 |
| 4   | Moexurus Lamp oil—at                                               | 12 ..   | 3 ..   | 3                   |
| 1/2 | Togluam Oakum—at                                                   | 2 4 ..  | 1 2 .. | 1 2                 |
| 1/4 | Togluam butter—at                                                  | 1 ..    | 1 9 .. | 1 9                 |
| 1/2 | Van Hook plank—at                                                  | 10 ..   | 5 ..   | 5                   |
| 500 | Cumtles nails—for 100—at                                           | 3 ..    | 15 ..  | 15                  |
|     | Labour                                                             |         |        |                     |
| 10  | Boatmen—at                                                         | 8 ..    | 5 ..   | 5                   |
| 8   | Carpenters—at                                                      | 10 ..   | 5 ..   | 5                   |
| 16  | Boaties—at                                                         | 4 ..    | 4 ..   | 4                   |
|     | Sundries                                                           |         | 15 ..  | 14 15               |
|     | Total Rupees                                                       |         |        | 39                  |
|     | Carried forward                                                    |         |        | 10 5                |

# Detailed Estimate for Annual Upkeep of the Floating Plant in use at the Pannier Channel, Madras District for the year 1874-75.

## Description

Rate Amount each class.

### Repairs Tools and Plant. Caulking repairs to Maud Boats Labor.

|              |                                 |          |       |   |
|--------------|---------------------------------|----------|-------|---|
| 60           | Caulkers                        | .. 8 ..  | 30 .. | ✓ |
| 15           | Carpenters for minor repairs    | .. 10 .. | 96 .. | ✓ |
| 25           | Booies for assisting carpenters | .. 4 ..  | 64 .. | ✓ |
| Total Labor. |                                 |          | 45 10 | ✓ |

### Materials

|                 |                                |          |          |   |
|-----------------|--------------------------------|----------|----------|---|
| 5               | Tolans Coconut husk            | .. 12 .. | 3 12 ..  | ✓ |
| 1 1/2           | Lb. of Oakum                   | 2 4 ..   | 3 6 ..   | ✓ |
| 1/2             | Lb. White cotton               | 6 ..     | 3 ..     | ✓ |
| 12              | Lb. Hammer                     | 1 12 ..  | 21 ..    | ✓ |
| 2 1/2           | Measures of Lamp oil           | .. 12 .. | 20 10 .. | ✓ |
| 3000            | Caulker nails per 100          | .. 3 ..  | 5 10 ..  | ✓ |
| 10              | Tolans nails for minor repairs | 2 12 ..  | 27 8 ..  | ✓ |
| Total Materials |                                |          | 84 14    | ✓ |

### Sundries

|                                   |  |  |        |   |
|-----------------------------------|--|--|--------|---|
| Total for 1 Maud Boat             |  |  | 150 .. | ✓ |
| Maud Boat No II as above detailed |  |  | 150 .. | ✓ |
| Total Estimate Rupees             |  |  | 300 .. | ✓ |

Pannier  
14th April 1874  
Ex 113

*M. P. M. M.*  
Overseer  
In charge Pannier Sub Dist.

District Engineer Madras  
14th April 1874  
Pannier  
14th April 1874  
Ex 113

## Brought forward

|           |                        |    |          |          |    |
|-----------|------------------------|----|----------|----------|----|
| Materials |                        |    |          |          |    |
| 2         | Tollans Hammer         | at | 1 12 ..  | 3 8 ..   | 3  |
| 4         | Measures Lamp oil      | at | .. 12 .. | 3 ..     | 1  |
| 1         | Tollans coconut husk   | at | .. 12 .. | .. 12 .. | 1  |
| 1/2       | Tollans Oakum          | at | 2 4 ..   | 1 2 ..   | 1  |
| 1/4       | Tollans white cotton   | at | 6 ..     | 1 8 ..   | 1  |
| 500       | caulkers nails per 100 | at | .. 3 ..  | .. 15 .. | 1  |
| 1/2       | Tollans Rivets &c      | at | 2 12 ..  | 1 6 ..   | 1  |
| 1/2       | Thin plank plank       | at | 10 ..    | 5 ..     | 17 |
| Labor     |                        |    |          |          | 3  |
| 10        | Caulkers               | at | .. 8 ..  | 5 ..     | 4  |
| 8         | Carpenters             | at | .. 10 .. | 5 ..     | 4  |
| 6         | Booies                 | at | .. 4 ..  | 1 8 ..   | 4  |
| Sundries  |                        |    |          |          |    |

Canoe No II as above detailed 30 ..

Refitting Stone Boat. Total Estimate Rupees 60 ..

|                       |                         |    |    |    |    |    |    |    |   |
|-----------------------|-------------------------|----|----|----|----|----|----|----|---|
| 8 1/2                 | Tolans Hammer           | at | 1  | 12 | 28 | .. | .. | .. | 1 |
| 16 3/2                | Measures Lamp oil       | at | .. | 12 | 24 | .. | .. | .. | 1 |
| 5 1/2                 | Tolans Coconut husk     | at | .. | 12 | 7  | 8  | .. | .. | 1 |
| 2                     | Tolans Oakum            | at | 2  | 4  | 4  | 8  | .. | .. | 1 |
| 1/2                   | Tolans white cotton     | at | 6  | .. | 3  | .. | .. | .. | 1 |
| 1                     | Tolans Rivets clamps &c | at | 2  | 12 | 2  | 12 | .. | .. | 1 |
| 12000                 | Caulker nails per 100   | at | .. | 3  | 3  | 12 | .. | .. | 1 |
| 20000                 | Boat plank              | at | 12 | .. | 24 | .. | .. | .. | 1 |
| 20                    | Carpenters              | at | 12 | .. | 24 | .. | .. | .. | 1 |
| 25                    | Boat                    | at | 12 | .. | 24 | .. | .. | .. | 1 |
| 20                    | Caulkers                | at | 12 | .. | 24 | .. | .. | .. | 1 |
| 20                    | Sundries                | at | 12 | .. | 24 | .. | .. | .. | 1 |
| Total Estimate Rupees |                         |    |    |    |    |    |    |    |   |

*Superintendent*  
District Engineer Madras  
Pannier  
14th April 1874  
Ex 113  
In charge of Madras Pannier

Detailed Estimate for Annual upkeep of the Floating  
 Bait in use at the Pannam Channel. Madras District  
 for the year 1874-75.

| Quantity | Description | Rate | Amount | Total of each class |
|----------|-------------|------|--------|---------------------|
|----------|-------------|------|--------|---------------------|

Repairs to Pannam Bridge  
 Labor

|    |                            |     |      |   |
|----|----------------------------|-----|------|---|
| 8  | Smiths                     | 10  | 5    | ✓ |
| 8  | Hammermen                  | 5   | 2 8  | ✓ |
| 8  | Bellows boys               | 2 6 | 1 4  | ✓ |
| 3  | Carpenters                 | 10  | 1 14 | ✓ |
| 17 | Boatmen drilling holes &c. | 4   | 4 4  | ✓ |

Total Labor

14 14

Materials

|   |                                                                                                                                                                   |    |    |   |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|---|
| 1 | Long iron of various description (sheet iron for repairs of Buckets flat bar iron for links 1" round iron for link bolts, and thin flat iron for link bolt keys.) | 12 | 12 | ✓ |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|---|

|     |                                                                      |     |      |   |
|-----|----------------------------------------------------------------------|-----|------|---|
| 3/4 | Plank all angles for repairs to shock sliding all up board & decking | 3 8 | 2 10 | ✓ |
|-----|----------------------------------------------------------------------|-----|------|---|

|    |                |   |   |   |
|----|----------------|---|---|---|
| 12 | Sacks charcoal | 8 | 6 | ✓ |
|----|----------------|---|---|---|

|   |                 |   |   |   |
|---|-----------------|---|---|---|
| 6 | Bags paddy husk | 1 | 6 | ✓ |
|---|-----------------|---|---|---|

Total Materials

21

Sundries

4 2

Total for 1 month

40

Total Repairs to Dredge for 12 months

480

Pannam  
 14<sup>th</sup> April 1874  
 Sd. M. J. P. 3

M. J. P. Overseer  
 Chief Pannam Sub-Office

District Engineer Madras

No. 1019. District Engineer's Office  
Madras 13<sup>th</sup> June 1874.  
From  
Lieut. Col. R. C. Roberts (R.C.)  
District Engineer, Madras.

To  
Col. C. W. Walker (R.C.)  
Chief Engineer, D. & Madras.

Enclosure. Sir  
In obedience to your Memorandum  
No. 155 of 16<sup>th</sup> ultimo, I have the honor  
to forward herewith the statement showing  
the outlay under each head of separate  
sanction during 1873-74 for Floating  
Plant at Pambank.  
2. The Madras Range Officer  
having been requested to report why  
the expenditure in connection with the  
last year's grant for Tools and Plant  
at Pambank was not accounted to  
the Controller in the required form, explains  
in his letter No. 155 of 27<sup>th</sup> ultimo, that  
the

Recd. 27 20 July 1874  
Encl. 15. 1. 4434

Madras District

Estimate for 28<sup>th</sup> 1874-75

Detailed Estimate

for a Annual Upkeep  
of the Floating Plant  
and use of the Pambank

Amount for the year 1874

Rs. 2598/8/14  
Amount of Estimate Rs. 1085

Rs. 2598/8/14  
Amount of Estimate Rs. 1085

Rs. 2598/8/14  
Amount of Estimate Rs. 1085

the detail of monthly expenditure under each head has been forwarded to the Controller in a bill form, which the Controller did not object to, till before March 1874, when in sending a statement of corrections in the Range accounts for December 1873, the Controller has pointed out, as will be observed from the enclosed copy of extract, that the expenditure on roads and Plant should be detailed in the Progress Report against the different sanctioned Estimates. As the intimation was received towards the close of the year, the Range Officer states that in consequence of numerous other engagements, the monthly expenditure under each head was not totalled up by him from the Bills. But which I am of opinion that the Controller could have easily done this himself.

3 I may take advantage of this

5  
this opportunity of bringing to your notice that the Engineer at Pannibet informed me subsequent to the submission of the two estimates with this office letter of 21st of 20th April last, that the whole of the current year's Budget grant was required for the maintenance alone of the Plant at Pannibet, and that Rupees 1280 for special repairs, and Rupees 568 for being the unexpended balance of last year for the construction of two mud boats were required to be sanctioned as additional grants. In this office Memoir of 3rd instant, it was represented to Mr. Sivica how inconsiderate he was in applying for additional funds after the above mentioned two Estimates have been submitted for sanction, and that as financial circumstances

circumstances might not permit  
the Government to sanction the  
additional grant, it appeared  
necessary for him to revise  
the Estimate of Rupees 1085 as  
asked comprise only services  
absolutely required, with a  
view of avoiding the necessity  
for troubling the Government  
for the sanction of any additional  
sum to the Budget grant beyond  
what has already been applied for  
for special repairs.

5. Under these circumstances  
I request that you will be so good  
as to substitute the enclosed Esti-  
mate of Rupees 731-8-4 for that  
of Rs. 1085 and to accord sanc-  
tion as follows:

|                                    |                                   |
|------------------------------------|-----------------------------------|
| Rupees 731-8-4 for the maintenance | } met from the<br>Budget<br>grant |
| of the Plant                       |                                   |
| Rupees 568-8-4 for the completion  |                                   |
| of two boats                       |                                   |
| Rupees                             |                                   |

Rupees 1280 --- for special  
repairs

I have the honor to be

Sir

Your Most Obedient Servant  
Wm. J. G. S. M. B.  
District Engineer Madras



Sept. 1874. Received  
from J. A. 1869.

The Chief Engineer  
of the

of the Chief Engineer  
of the

of the Chief Engineer  
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of the Chief Engineer  
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of the Chief Engineer  
of the

of the Chief Engineer  
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of the Chief Engineer  
of the

Statement showing the detailed expenditure on Tools and Plant at Pambank Sanctioned in G. O. No. 1876A.  
 dated 24<sup>th</sup> July 1873. Madura Range Madura District.

| No. | Description | Amount of Estimate 1873 | August | September | October | November | December | January | February | March | Total for 1873-74 | Remarks |
|-----|-------------|-------------------------|--------|-----------|---------|----------|----------|---------|----------|-------|-------------------|---------|
|-----|-------------|-------------------------|--------|-----------|---------|----------|----------|---------|----------|-------|-------------------|---------|

*New Works.*

|   |                                    |      |  |  |    |    |    |     |     |     |     |      |      |
|---|------------------------------------|------|--|--|----|----|----|-----|-----|-----|-----|------|------|
| 1 | 15 New wrought Iron dredge buckets | 1100 |  |  |    |    |    | 469 | 129 | 471 | 31  | 1100 |      |
| 2 | 2. New Mud Boats                   | 2600 |  |  |    |    |    |     |     |     |     |      |      |
| 3 | 1. New Boat for Superintendent     | 370  |  |  | 66 | 14 | 56 | 5   | 77  | 9   | 119 | 93   | 1311 |
|   | Total New Plants                   | 4070 |  |  | 66 | 14 | 56 | 5   | 77  | 9   | 119 | 93   | 1311 |
|   | Repairs                            |      |  |  |    |    |    |     |     |     |     |      |      |

|   |                                 |      |    |   |    |    |     |     |     |     |     |     |     |
|---|---------------------------------|------|----|---|----|----|-----|-----|-----|-----|-----|-----|-----|
| 1 | Annual repairs to two mud boats | 300  |    |   |    |    |     | 55  |     |     |     |     |     |
| 2 | Do to stone boat                | 550  |    |   |    |    |     |     | 74  | 22  | 76  | 106 | 94  |
| 3 | Do to two canoes                | 40   |    |   | 2  | 13 | 213 |     | 182 | 13  | 144 | 103 |     |
| 4 | Do to Superintendent's boats    | 46   |    |   |    |    |     |     | 33  | 66  | 17  | 116 | 3   |
| 5 | Do to hand dredge machinery     | 480  |    |   |    |    |     |     |     |     |     |     |     |
| 6 | Do to jumpers for blasting      | 50   |    |   | 14 | 5  |     |     |     |     |     |     |     |
| 7 | Do to Anchors                   | 90   |    |   |    |    |     |     | 10  | 1   | 6   | 4   | 15  |
| 8 | Do to sundry Tools              | 94   |    |   | 13 | 12 | 6   | 11  | 7   | 6   | 22  | 9   |     |
|   | Total                           | 1650 | 31 | 1 | 6  | 41 | 106 | 235 | 9   | 249 | 14  | 194 | 103 |

Rs 1280 is the allotment for 1873-74

Specified in the Budget Report.

Madura  
28<sup>th</sup> May 1874

(True Copy)

(Signed) Moonesah Pillay Sub-Engg.  
 in charge of Madura Range.

Lieut. Col. R. E.  
 District Engineer Madura.

Moonesah Pillay Sub-Engg. in charge of Madura Range.

District Engineer of Madura.

Enclosure 2 in a letter from  
the District Engineer Brisbane  
to the Chief Engineer 8/4.  
Mr Adams No 1019 dated  
13<sup>th</sup> June 1884.

Agree to meet at Park Pillory Sub Cong room  
No charge of alterations (range).

1949  
Public Works Department  
Proceedings of the Madras Government  
Read the following

From G. R. for P. & Com<sup>rs</sup> (H.S. no. 35 of 27 April/74)  
D. R. of Madras (H.S. no. 1019 of 13 June/74)

His Excellency the  
Governor in Council sanc-  
tions the revised proposal  
of the 2<sup>d</sup> of the letters re-  
corded above viz: to ap-  
propriate the allotment  
of Rs. 1300 for annual  
Repairs to the Floating  
Plant at Pambay  
sanctioned in G.O. No.  
1076 A of 24<sup>th</sup> July 1973  
ao

Mh.  
ao

Enclosure 3. in a letter  
from the District Engineer  
Madras to the Chief Secy  
Govt. Madras 1974  
dated 13 June 1974.

20 July/74  
28.11.73  
29.5.69/74

Ex tract from the State  
audit of Expenditure made  
in the accounts of the  
Madras Canal for  
December 1973. dated 21/12  
March 1974.

as follows viz:

New work

1. Completion of two new Mud Boats commenced

in 1873-74 ————— No: 568 — 8 — "

Repairs

1. To 2 Mud Boats — No: 200 — " — "
- 1 — 1 Stow Boat — " — 40 — " — "
- 3 — 2 Canoes — " — 60 — " — "
- 4 — Supt's Boat — " — 50 — " — "
- 5 — Hand Dredge — " — 200 — " — "
- 6 — Anchors — " — 25 — " — "
- 7 — Jammers — " — 50 — " — "
- 8 — Sundry Tools — " — 106 — 8 — "

No: 731 — 8 — "

1300. 0

2. He also sanctions the two estimates of No: 960 and No: 320 for Special Repairs.

2 Mud Boats and the Hand Dredge, consisting of fresh planing below water line and renewal of cork ribs to the former; and of additional copper sheeting to the latter. But he is not in a position at present to make an allotment of funds for immediate execution of the work.

The Master Range Officer will be cautioned to conform strictly to the Rules of the

Dept. which pre-  
scribe that in  
the monthly Pro-  
gress Reports  
shall be shown  
the cost of in-  
each separate  
Estimate some-  
ly. But under  
Goods & Services  
precisely as for  
Work & Repairs

Law

To The Hon. Maduro  
— Controller of P.H.A.

Spec Copies Recd.  
27-7-74

434-436

See 2/6/74. 2/7/74

3690  
2598  
Govt. of 1874 Madras.

PUBLIC WORKS.

To

The Dy. Super.  
Madras

Dated

Recd.

Encl. 5

G. O. 26 July 1874. No. 1949

Nos. 434-436

Floating Plant

Sanctioning the proposal  
to appropriate the allotment  
of Rs. 1300 sanctioned in G.O.  
No. 1876 A of 1873 for Annual re-  
pairs to the Floating Plant at  
Tambur in the completion  
of repair of certain boats &c  
and also estimates for special  
repairs to 2 mud boats &  
have checked and drawing  
attention of the Dy. Super. to the  
Officers to the Rules for exhibiting  
in monthly Progress Reports the out-