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# MADRAS RECORD OFFICE.

## Government of Madras.

### *Public Works* DEPARTMENT.

G.O. No. 24/13

706-707

Press  
~~Mis.~~

Dated 31-7-1866.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,  
31st July 1866.*

No. 706. Read the following letter from the Officiating Superintending Engineer, 4th Division, to the Secretary to Government, Public Works Department, dated Madras, 20th July 1866, No. 1,176:—

- 1 Plan.
- 1 Abstract Estimate.
- 1 Letter No. 224, dated 8th June 1866, with an enclosure.

1. I have the honor to submit, for the sanction of Government, a plan and an estimate amounting to Rupees 6,000, for re-modelling and fitting up with

Doppings' shutters the two calingulahs of the Kaveripauk tank, in the Wallajah Range, North Arcot District.

2. The Caveripauk is the largest tank in the North Arcot District, and yields a very large revenue. Its calingulahs, which together afford a surplus water way of 575 feet x 4 feet, are at present closed in the most rude fashion with straw, grass, brushwood, mud, &c., jammed in between the dam stones with much labor, the materials being at the same time brought from long distances.

3. In order to obtain the materials for making up the necessary bank, all the young trees, grass, near and on the tank bund are removed to the detriment of the latter, which thereby becomes fissured, and consequently weakened.

4. The laborers are the cultivators of the twenty-four villages supplied by the tank. The operation of closing occupies about fourteen days, and during that time the villagers are compelled to neglect their more legitimate functions of cultivation.

5. The floods are ordinarily of about four or five days duration, and as it takes fourteen days to close the calingulahs, the surplus water finds its way out some time before the operation of closing is completed.

6. The dam, moreover, is of so substantial a character that it would be an impossibility to remove it in case of need.

7. The surplus of the Kaveripauk flows into the Cortilliar, and damages the several irrigation works along this river.

8. It is anticipated that all these evils will be remedied by the introduction of the projected pattern of shutters, which could be easily worked by the Tank Monegar and his two Lascars. The Superintending Engineer considers the alteration proposed as urgently required.

9. The Collector of North Arcot has furnished me with copies of a correspondence that has taken place between himself and the Head Assistant Collector on the subject of the proposed improvement. Mr. Price is much in favor of the alteration, and after urging all the objections mentioned in this letter against the old system of closing, writes thus as to the effect the new proposal will have on the revenue: "Mr. Booth is of opinion and so am I that the tank is capable of holding with safety a much larger quantity of water than it now does. I cannot see that any interest would be likely to suffer from raising the calingulahs, as since the Palar anicut has been put into thorough working order, annual remissions for the lands of these villages which are in the bed of the tank have become almost a matter of course."

*Proceedings of the Madras Government, Public Works Department,  
31st July 1866.*

"I feel convinced that the work to which I have been referring is one the cost of which will be fully repaid by the ease and certainty with which the water supply can be managed."

10. The Collector of North Arcot has countersigned the estimate in token of approval, but that Officer has, at the same time, forwarded, for consideration, a remonstrance from the Tahsildar of the Wallajah Taluq against the improvement.

11. The objections are, first, that the shutters have to be opened when necessary, and that therefore if immediate aid is not forthcoming, the tank will breach; secondly, that the Tahsildar has heard that Doppings' shutters become of no use during the time of flood, and that it is impossible for Lascars either to open or shut them.

12. On the other hand, Mr. Booth assures me that the shutters can be worked without difficulty by the Tank Monegar and his two Lascars; should it be found impracticable to open the shutters, the tank will not be injured thereby, as it is stated that the tank is capable of holding a larger quantity of water than it now does.

13. The shutters have worked satisfactorily in the Amoor tank, which has been fitted up with them.

14. I would recommend, as suggested by the Tahsildar, that the proposed improvement be carried out on one calingulah only as an experiment, the cost of this will be Rupees 3,000, which amount I beg may be placed at my disposal from the Reserve "Agricultural."

No. 707.

ORDER THEREON, 31st July 1866, No. 2,413.

CIVIL WORKS, No. 106.

The Government admit the desirability of improving the method of working the Kaveripauk calingulah by substituting shutters as proposed in the above papers for the temporary bank which the villagers interested are now in the habit of throwing up, but regret that they are unable to allot funds for the work this season as so many works of more pressing importance have prior claims on the money at their disposal.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,  
Secretary to Government.

To the Superintending Engineer, 4th Division, with four Enclosures.

Exd. S. T. Augustin.

A. 1176. Superintending Engineer's Office  
4th Division  
Madras 20th July 1866.

From

Captain J. Goddard R.E.  
Offg Superintending Engineer  
4th Division

To

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

Sir,

I have the honor to submit for the sanction of Government a Plan and <sup>an</sup> estimate amounting to Rupees 6,000 for remodelling and fitting up with Doppings' shutters, the two Kalingulaks of the Cauveripauk Tank in the Wallajah range North Arcot District. The Cauveripauk is the largest Tank in the North Arcot District and yields a very large revenue. Its Kalingulaks which together afford a surplus waterway of 575 ft x 4 ft are at present closed in the most rude fashion with straw, grass, brush-wood, mud &c. jammed in between the dam stones

Encls:

1 Plan

1 Abstract Estimate

1 Letter No. 2242

3rd June 1866 with

an enclosure

stones with much labor the materials being, at the same time brought from long distances -

3. In order to obtain the materials for making up the necessary bank, all the young trees, grass, near and on the Bank lands are removed to the detriment of the latter which thereby becomes fissured and consequently weakened.

4. The laborers are the cultivators of the 24 villages supplied by the Tank. The operation of closing occupies about 14 days and during that time the villages are compelled to neglect their more legitimate functions of cultivation.

5. The floods are ordinarily of about 4 or 5 days duration and as it takes 14 days to close the Malungilaho, the surplus water finds its way out some time before the operation of closing is completed.

6. The dam moreover, is, of so substantial a character that it would be an impossibility to remove ~~it~~ in case of need.

7. The surplus of the 12

flows into the Cortelliar and damages the several irrigation works along this river -

8. It is anticipated that all these evils will be remedied by the introduction of the projected pattern of Shutters which could be easily worked by the Tank Monegar and his two lascars. - The Superintending Engineer considers the alteration proposed as urgently required.

9. The Collector of North Arcot has furnished me with copies of a correspondence that has taken place between himself and the Head Assistant Collector on the subject of the proposed improvement. Mr. Price is much in favor of the alteration and after urging all the objections mentioned in this letter against the old system of closing writes thus as to the effect of the new proposal will have on the Revenue. "Mr. Booth is of opinion and so am I that the Tank is capable of holding with safety, a much larger quantity of water than it now does. I cannot see that any interests would be likely to suffer from raising

raising the Mahangulaks as since the Palar  
Amrit has been put into thorough working  
order, annual remissions for the lands of these  
villages which are in the bed of the Tank  
have become almost a matter of course.

I am convinced that the work to which  
I have been referring is one the cost of which  
will be fully repaid by the ease and certainty  
with which the water supply can be managed.

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has countersigned the estimate in token of  
approval, but that Officer has at the same  
time forwarded for consideration a remonstrance  
from the Tahsildar of the Wallajah taluq  
against the improvement.

11 The objections are first, that  
the shutters have to be opened when necessary,  
and that therefore if immediate aid is not  
forthcoming, the Tank will breach. Secondly  
that the Tahsildar, has heard that Dopping's  
shutters become of no use during the time of  
flood and that it is impossible for lascars  
either to open or shut them.

On.

12 On the other hand Mr Booth  
assures me that the shutters can be worked  
without difficulty by the Tank Manager and  
his two lascars - Should it be found impracticable  
to open the shutters, the Tank will not be  
injured thereby as it is stated that the Tank  
is capable of holding a larger quantity of water  
than it now does.

13 The shutters have worked satisfac-  
torily in the Ancor Tank which has been fitted  
up with them.

14 I would recommend as suggested by  
the Tahsildar that the proposed improvement  
be carried out on one Mahangulak only as an ex-  
periment - the cost of this will be Rs 3000  
which amount I beg may be placed at my disposal  
from the Reserve Agricultural.

I have the honor to be  
Sir

Your Most Obedt Servant

Dr. Pascoe Captain R.C.  
Offg Supergrd 11th Div

7V  
Public Works Department.

2413  
Proceedings of the Madras Government  
Under date the 31<sup>st</sup> July/66  
Read the following

From  
The Offg. Supg. Engineer  
of the 4<sup>th</sup> Division - (H. S. N. 1176 dated 25<sup>th</sup> July/66)

The Government ad-  
mit the desirability of  
improving the method  
of working the Kaveri  
bank Calingulah by  
substituting shutters as  
proposed in the above  
papers, for the temporary  
bank which the villagers  
interested are now in  
the habit of throwing  
up, but regret that they  
are unable to allot funds  
for the work this season  
as so many works of  
more

For the 4<sup>th</sup> Division  
The Offg. Supg. Engineer  
of the 4<sup>th</sup> Division  
The Secretary to Government  
Public Works Deptt.

Dated 20<sup>th</sup> July 1866.

Recd. 21<sup>st</sup> July 1866.

Sanctioned for sanction

of Rs. 6000 for filling up with

gallies of the Kaveri at the

bank of the Kaveri at the

bank of the Kaveri at the

bank of the Kaveri at the

bank of the Kaveri at the

bank of the Kaveri at the

bank of the Kaveri at the

MS. A. 9. 2. 1. 18. 46. 2. 27.  
MS. A. 9. 2. 1. 18. 46. 2. 27.  
MS. A. 9. 2. 1. 18. 46. 2. 27.

more pressing importance

have prior claims on

the money at their dis-

posal

of petitioners

6<sup>76</sup> A. Aug 4<sup>th</sup> 1846

16  
2  
August

J. W. 1866 Dep  
Pro of Govt for July  
N. 2/13  
Pro of the Indian Govt  
D/31<sup>st</sup> July 1866.

C. 25 1/2 1/66

The Supg lyps of  
the 4<sup>th</sup> D<sup>ist</sup> informed that  
no funds are available  
for the improvements  
to Lavaripank  
Caligulak in the  
North west District

4541

A. 706. 707.

C. 25 1/2 1/66. D. 2 1/2