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# MADRAS RECORD OFFICE.

Government of Madras.

*Public Works* DEPARTMENT.

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| G.O. No. <i>1176</i> | Press<br>Mis. |
| <i>185</i> 1857      |               |
| Dated <i>16-6-</i>   | <i>18</i>     |

**Not to be folded or roughly handled**

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*Proceedings of the Madras Government, Public Works Department,  
16th April 1867.*

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No. 356. Read the following letter from the Consulting Engineer for Irrigation and Canal Company, to the Secretary to Government, Department Public Works, dated Madras, 4th April 1867, No. 2 :—

1. I have the honour to submit, for the consideration of Government, the letters as per margin from the Agent and Manager, Madras Irrigation and Canal Company, with their attached copies of letters from the Chief Engineer and Executive Engineer in charge of the Bowanassy Division, asking sanction for the expenditure of Rupees 500 on the Bowanassy Store and Workshop buildings, and Rupees 100 on the Bungalow and Office.

2. These, in common with all other, repairs of completed permanent works, the cost of construction of which has been debited to capital, should, under the contract,\* be carried out by the Company without previous reference to Government, and, under the arrangements made for the collections by the Government of the Company's Irrigation Revenue, all that would be necessary would be that drafts on the Collectorate Treasury should be passed for payment in this Office. Hitherto, however, owing to the delay\*

\* *Vide* letter No. 40, dated 31st July 1866. which has occurred in settling the way in which the revenue accounts are to be kept, no adjustment of expenditure incurred out of revenue has been made, and, so long as such expenditure has to be temporarily debited to the capital accounts under the head Inefficient Balance, it appears to be necessary that repair estimates should continue to be sanctioned by Government, and I therefore beg to recommend the sanction of the advance, Rupees 100, requisite for the repair of the Office buildings referred to in the correspondence now submitted.

3. With regard, however, to the Workshops, it will be observed that the expenditure proposed to be incurred is stated by the Executive Engineer to be intended to make them secure for this season, and he considers that the walls of considerable portion of the building are incapable of bearing a good roof, and that 'they would probably fall down were the present roof removed. The Workshops were

built in 1864 at a cost of Rupees 1,048-3-3 for Store 6,355-11-11,\* and the plans and estimates were not sanctioned prior to the

construction being undertaken, but sanction was subsequently given in Proceedings Madras Government, No. 250, dated 26th January 1865. It is far from satisfactory that buildings, which were supposed to be of a substantial description, should so soon have become ruinous, but, as such is reported to be the case, it would appear to be advisable to remove them from the list of permanent buildings, and to debit their cost to the 5th, 6th, and 7th Sections [under "Main Supply," "Contingencies," and such repairs as may be needed to maintain them for present use will then be debitable to the contingencies of the sections, in connection with which they may be required.

*out by the company without previous reference*

*Proceedings of the Madras Government, Public Works Department,  
16th April 1867.*

From the Agent and Manager Madras Irrigation and Canal Company, to the Consulting Engineer for Irrigation and Canal Company, dated Madras, 2nd April 1867, No. 3.

1. I have the honour to request you will obtain the sanction of Government to the expenditure of Rupees 500 on the repairs of the Bowanassy Workshop and Store buildings.
2. Enclosed is a copy of the Provisional Chief Engineer's letter, No. 1,055 of 28th March 1867, and its accompaniments.

From the Chief Engineer, to the Agent and Manager, Madras, dated Kurnool, 28th March 1867, No. 1,055.

1. In forwarding enclosed Extract from Mr. Dodson's letter, No. 133 of 23rd instant, I have the honour to ask you to be good enough to obtain immediate sanction of Rupees 500 for the necessary repair of the Store buildings and Workshops at Bowanassy.
2. I propose putting masonry pillars to support roof, and mud masonry buttresses to support walls instead of the props and shores Mr. Dodson proposes. The roof seems good and only needs support.

From A. J. DODSON, Esq., Executive Engineer, to the Chief Engineer, dated Puggydial, 23rd March 1867, No. 133.

1. I have the honour to report to you the state in which I found the • • • Store buildings and Workshops at Bowanassy on my inspection thereof made on the 22nd instant.
2. *State of the buildings.*—The Store hut has a flat roof, which is water-tight, but the walls, which are built of stone-in-mud, covered with chunam, are cracked, and the plaster has fallen off in large patches; these must be repaired, or the next monsoons will seriously damage them.

The Workshop buildings are made in the form of a T, the walls are of slate-shale set in mud and plastered with chunam; the roof is nearly flat, supported by beams jointed in the middle, where they are supported by a row of timber posts. The walls in the upper and longest limb are much injured by the damp, have settled and parted at the angles, and the plaster is rapidly falling off, and if not immediately repaired will not stand another monsoon. Seven of the cross timbers are cracked, and are only prevented from entirely giving way by temporary props, two of which are resting on screw jacks, the rest on wedges; one of them has fallen since my last visit. The short limb, which covers the engine and saw frames is in good condition, and does not show any signs of failure.

The black-smiths' shed in the yard is covered by a roof formed of bamboo tates, and with about one and a half inches of chunam on the top, this has partly fallen in, and I expect it will all go during the next wet season.

3. The engine and boiler do not seem to be injured by damp, all the iron work having been by dry rot. The saw frames are in good condition as far as I can see, for the rubbish in which they are smoothed.
4. *Proposed repairs.*—I cannot recommend attempting to put a good roof on the present walls, for they are not capable of supporting its weight, and I fear that if the present roof were taken off the walls would fall. I would therefore recommend, this season being too far advanced to allow new buildings to be erected, that a more efficient system of temporary repairs be adopted; that a double number of props be erected under the injured girders; that the walls be shored on the outside, and the damaged plaster repaired; if these precautions are taken with the upper section of the Workshops, and if the same be adopted for the Store-hut, I believe they can be made weather-tight and secure for this season. The portion over the engine and saw frame will not require more than a few repairs to the damaged plaster.

The roof of the black-smiths' shed I recommend being taken down, and the bellows be removed into the engine shed.

5. I consider the above repairs as urgently needed, and request your sanction to commence them at once. It is almost impossible to make anything like an accurate estimate of the sums

*Proceedings of the Madras Government, Public Works Department,  
16th April 1867.*

required for them, but I believe they can be done for Rupees 400, which sum I therefore ask to be allowed to spend thereon.

From the Agent and Manager Madras Irrigation and Canal Company, to the Consulting Engineer for Madras Irrigation and Canal Company, dated Madras, 2nd April 1867, No. 4.

I have the honour to forward copy of the Provisional Chief Engineer's letter, No. 1,053 of 28th March 1867, and its accompaniments, and to request that you will obtain the sanction of Government to the expenditure of Rupees 100 for the repairs of the Bowanassy Bungalow and Office.

From the Chief Engineer, to the Agent and Manager, Madras, dated Kurnool, 28th March 1867, No. 1,053.

I have the honour to ask you to be good enough to apply for the immediate sanction of Rs. 100 for repairs requiring to be done to the Bowanassy Bungalow and Office, details of which are given in the enclosed copy of Mr. Dodson's No. 132 of 23rd instant.

From A. J. DODSON, Esq., Executive Engineer, to the Chief Engineer, dated Puggydial, 23rd March 1867, No. 132.

1. I have the honour to report to you the present condition of the Bowanassy Bungalow and Office.
2. The Office roof is in so bad a condition that I do not expect it to last through the next wet season, but I have had every thing of value removed into the bungalow, and as this Office will probably not be required again, I do not recommend any repairs being attempted.

3. The bungalow roof is in good condition, except at one angle where the grass has been blown off; a portion of the back verandah has given way, and requires immediate repair. The plaster has fallen from some of the outer wall, and should be renewed as soon as possible to prevent the rain penetrating into the masonry.

4. I consider these repairs as emergently needed, therefore request your sanction for commencing them at once, and I estimate that Rupees 100 will be sufficient for their completion.

No. 357. ORDER THEREON, 16th April 1867, No. 1,176.

**CIVIL WORKS, No. 31.**

1. The Government sanction the advance of Rupees 100 required for the repair of the Bungalow and Office buildings at Bowanassy.

2. The present condition of the Workshops at that station, as described in the papers above read, is most unsatisfactory, and His Excellency in Council concurs with the Consulting Engineer in considering that they should be removed from the list of permanent buildings, their original cost, as well as the outlay that may be necessary for maintaining them in repair for present use, being adjusted in the manner recommended by Captain Mullins in paragraph 3.

(True Extract.)

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

To the Consulting Engineer for Madras Irrigation and Canal Company, with four Enclosures.  
.. Manager for do. do.

Exd. S. T. Augustin.

*not by the company without previous reference*

Consulting Engineer's Office  
Irrigation Canal Company  
Madras, 4<sup>th</sup> April 1887.

N<sup>o</sup> 2.

From,

Captain J. Mullins, R.E.

Consulting for I.C.C.

To,

The Secretary to Government  
Department of Pub. Works.

Sir,

I have the honor to submit for the consideration of Government the letters, as Nos 381, of the 2<sup>nd</sup> inst. per margin, from the Agent and Manager of Madras Irrigation and Canal Company, with their attached copies of letters from the Chief Engineer and Executive Engineer in charge of the Bowmanassy Division, asking sanction for the expenditure of Rupees 500 on the Bowmanassy Store and Workshop buildings, and Rupees 100 on the Bungalow and office.

2. These, in common with all other repairs of completed permanent works, the cost of construction of which has been debited to Capital, should, under the Contract, be carried out by the Company without previous reference to

\*Clause 21.

to Government, and, under the arrangements made for the collections by the Government of the Company's Irrigation Revenues, all that would be necessary <sup>would be</sup> that drafts on the Colaba State Treasury should be passed for payment in this office. - As to the delay which has occurred in settling the way in which the Revenue accounts are to be kept, as an adjustment of expenditure incurred out of Revenue has been made, and, so long as such expenditure has to be temporarily debited to the Capital accounts under the head Inefficient Balance, it appears to be necessary that repairs estimates should continue to be sanctioned by Government, and I therefore beg to recommend the sanction of the advance, Rs. 100, requisite for the repair of the office buildings referred to in the correspondence now submitted. -

3. With regard however to the workshops, it will be observed that the expenditure proposed to be incurred is stated by the Executive Engineers to be intended to make them secure for this season, and he considers that the walls of considerable portion of the building are incapable of bearing a good roof, and that they would

would probably fall down were the present roof removed. - The workshops were built in 1864 - at a cost of Rs. 6355.2.11, <sup>scheme of Rs. 1048. in 1864 -</sup> and the plans and estimates were not sanctioned prior to the construction being undertaken, but sanction was subsequently given in Proceedings Madras Government No. 250 dated 26<sup>th</sup> January 1865. - It is far from satisfactory that buildings, which were supposed to be of a substantial description, should so soon have become ruinous, but, as such is reported to be the case, it would appear to be advisable to remove them from the list of permanent buildings, and to debit their cost to the 5<sup>th</sup>, 6<sup>th</sup> and 7<sup>th</sup> Sections - under "Main Supply" "Contingencies", and such repairs as may be needed to maintain them for present use will then be debitable to the Contingencies of the Sections, in connection with which they may be required. -

I have the honor to be,  
Sir,

Your most obedient servant,

Wm. Hunter      Capt. R. T.  
Comd'g Engr for S.H. Conty.

J. M. Brock.

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457  
Public Works Department.

No 1176

**PROCEEDINGS of the MADRAS GOVERNMENT.**  
Under date the 15 April 1867  
Read the following

From the Chief Engineer  
J. C. Murphy (Here enter No. 2 dated 4 April 1867)

The Government sanctioned the advance of Rs 100 required for the repair of the Bungalow and Office buildings at Baramporey.

The present condition of the Workshops at that Station, as described in the papers above read, is most unsatisfactory, and His Excellency in Council concurs with the Consulting Engineer in considering that they should be removed from the list of permanent buildings, their original cost, as well as the outlay that

will.

No 1176 y/ Department  
From the Chief Engineer  
J. C. Murphy  
To the Consulting Engineer  
J. C. Murphy  
The Secretary to Government  
J. C. Murphy  
15 April 1867  
£ 8 14

Submitted for the consideration of the Government the letter of the 15 April 1867 from the Chief Engineer J. C. Murphy to the Secretary to Government, in relation to the repair of the Bungalow and Office buildings at Baramporey, and the expenditure of Rs 100 on the same.

C. 10724/167 - 12/12/16

may be necessary for main-  
-taining them in repair  
for present use, being ad-  
-justed in the manner recom-  
-mended by Capt. Franklin  
and Parks.

*[Signature]*

So  
if the Prop Eng in St. C. C. with  
it is manager for do

April 1867 - Date 12/4/67

Date 12/4/67

356-357  
Pub: Works 1864 Depar<sup>to</sup>

Pro: of Govt: for April

No. 1176

Pro: of the Madras Govt.

D<sup>y</sup> 16<sup>th</sup> April 1864

An advance of Rs. 100  
for the repair of Bowanassery  
Bungalow and Office buildings  
(J. C. Co's). Sanctioned.

No. The proposal of the  
Consulting Engineer to remove  
the workshops from the list of  
permanent buildings, and to  
debit their original cost, as  
well as the outlay that may be  
necessary for repairing them,  
for present use, to the S<sup>d</sup> 6<sup>th</sup>  
and 7<sup>th</sup> Sections under Admin  
Staff contingencies, approved.

356-357