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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No.	616	Press
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567-568.		
Dated	31-3-	18 62

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
31st March 1862.*

No. 567. Read the following Endorsement of the Acting Deputy Chief Engineer, Northern Circle, dated Chepauk, 11th March 1862, No. 203/N. 61.

Read the following letter from Captain JOHN MULLINS, District Engineer Nellore, to Lieutenant-Colonel J. OUCHTERLONY, Deputy Chief Engineer, Northern Circle, dated Nellore, 5th March 1862, No. 427:—

SIR,

1. I have the honor to forward for your information a sketch plan showing the position of the hole in rear of the south sluices of the Pennar Anicut together with an estimate •
• Rupees 515. of the cost of filling it in. The figures marked on the sketch are the depths of water.

2. When I returned from the north the second week in February I found that stone was being thrown in at the spot where, in the sketch, the end of the railway is shown, this appeared to me to be a very unnecessary expense, and as the excavations for widening the Jaffer Saib were just about to be commenced I directed the laterite gravel thus obtainable to be thrown into the hole up to the level of the present water, which is a yard below the level of the sluice flooring. By this arrangement the extra carriage of the material has alone to be paid for, while this gravel is of a description which will make an excellent foundation for the stone still to be thrown in to complete the apron to its full width. This bed of gravel will extend to 10 yards beyond the line of the finished rough stone apron, which it will be seen has been completed up to the north side of the hole, and should funds suffice I propose to cover this 10 yards berm with good sized quarry rubbish.

3. It is expected that the saving on the item sundries in the sanctioned estimate will suffice to cover the cost of filling in the hole. I have instructed Captain Ritherdon to exhibit it in his accounts of the work as a distinct item, in order that it may not be lost sight of by being debited directly to sundries.

4. In my Inspection Report for November last, date the 30th, notice of the holes in rear of the sluices will be found. So far as I can judge the one now under notice has been partly formed by the eddies caused by the water coming from the north sluices along the tail of the apron meeting that from the south sluices, and I think now that the north sluices are completed and capable of discharging a body of water which will cut a direct channel for itself, this tendency may, by a judicious working of the shutters, be to a great extent prevented; as it was, the action did not affect the tail of the apron which, though on the brink of the hole, rests on such a solid foundation of the debris of the old Anicut, that no settlement took place.

5. The progress of the Anicut works has been most satisfactory, and all the work will be completed within the current official year. The rates also, both for masonry work and rough stone, are below those of the preceding working season, and Overseer Wiffen's conduct of the work is deserving of much praise.

1 Letter from District Engineer Nellore, No. 427, dated 5th March 1862, with two enclosures.

Submitted to Government for information. It will be observed that through the judicious arrangements made by the District Engineer the filling in of the hole which has been formed behind the Nellore Anicut will not entail any expenditure in excess of the estimate.

(Signed) J. OUCHTERLONY, Lieut.-Colonel,
Acting Deputy Chief Engineer, Northern Circle.

No. 568. ORDER THEREON, 31st March 1862, No. 616.

1. The District Engineer's proceeding reported in the above letter is approved.
2. The Government are gratified to learn that the Anicut works will be completed within the current official year. They notice with approbation Overseer Wiffen's exertions as reported by the District Engineer.

(Signed) W. H. HORSLEY, Lieut.-Colonel,
Secretary to Government.

Engineer
District
of
California
San Francisco
March 1862

Endorsement

Submitted to Government for informa-
-tion. It will be observed that thro' the
judicious arrangements made by the District
Engineer the filling in of the hole which has
been formed behind the bellows ancient will
not entail any expenditure in excess of the
Estimate.

Civil Office P.M.
Chapman
March 1862.

Submitted
J. S. Chapman

J. S. Daniel W. H. Hensley
Secretary to Government
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