M.R.O. 1—77,606—5-6-37.

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(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

PUBLIC WORKS DEPARTMENT.

G.O. No. 1621 Press
Mis.
69-70

Dated 3—6— 1870.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department, 3rd June 1864.

No. 69. Read the following letter from Lieutenant-Colonel J. C. ANDERSON, R. E., Superintending Engineer, 2nd Division, to Colonel C. A. ORR, R. E., Secretary to Government, Department Public Works, dated Masulipatam, 16th May 1864, No. 5 :—

SIR,

1 Plan of bridge.
1 Section.
1 Estimate.
1 Specification report.

1. I have the honor to submit for sanction an Estimate for constructing a bridge and embanked road across the river Pydairoo at the 118th mile of Trunk Road No. 6 in lieu of an Estimate which was prepared by the Road Department, and sanctioned by Government along with those for other masonry works on the same road.

2. There were two Estimates for the Section of Trunk Road No. 6, between the 115th and the 181st mile, one for the construction* and the other for masonry† works and both are in course of being worked out. But it was reported by the late District Engineer, Nellore, Captain Mullins, in the year 1856, that an additional expenditure of Rupees 1,05,900 would be required. As only a small portion of the sum originally sanctioned had then been expended, the Government returned the supplemental Estimate with a view to a fresh one being submitted if necessary when the large balance thus remaining in hand should have been spent.

* Rupees 1,17,113, sanctioned in G. O. No. 200, dated 2nd May 1854.
† Rupees 84,580, sanctioned in G O. No. 1,405, dated 12th August 1856.

G. O. No. 1,698, dated 8th September 1857.
Expenditure up to 30th April 1864 :—
Construction, Estimate Rs. 1,02,063 8 4
Masonry works ... ,, 60,082 8 5

3. I have accordingly called upon the Range Officers concerned to prepare Estimates for the completion of the section of the road in question as it stood on the 1st instant inclusive of all works, with the exception of bridges across the Moonairo, Palairoo and Moosy rivers, which should not, I think, be estimated for until the completion of the road in other respects, or until there is a prospect of funds being available for their prosecution.

4. A considerable time must elapse before the revised Estimates can be submitted to Government, and as it is desirable that the grant for the current year for masonry works Rs. 24,580 should be expended, I think it unadvisable to detain the Estimate for the Pydairoo bridge until it can be incorporated with the others.

5. The design which has been prepared by Lieutenant Smith provides for a bridge of seven arches of 30 feet span, to cost Rupees 16,400 and embanked approaches Rupees 4,600, total Rupees 21,000.

The original design allowed five arches of 15 feet, but both the rates and the water-way are a much lower scale than experience shows to be necessary.

6. Lieutenant Smith has allowed a water-way sufficient for the discharge of a quantity of water with a velocity of 4' per second equal to a fall of $4\frac{3}{4}$ inches of rain in 24 hours over the drainage basin of 60 square miles, which though liberal, is probably not more than sufficient to dispose of the heavy floods which are liable to occur in the vicinity of Nellore.

7. No further allotment besides that already allowed in the Budget is required for the proposed work.

No. 70. ORDER THEREON, 3rd June 1864, No. 1,621.

1. The Government sanction the Estimate of Rupees 21,000 submitted with this letter for a bridge of seven arches of 30 feet span, with embanked approaches, across the Pydairoo river at the 118th mile of Trunk Road No. 6.

2. The cost of the work will be met from the assignment of Rupees 24,580 in the Budget for masonry works on the road within the Nellore District.

(True Extract.)

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

To the Superintending Engineer, 2nd Division.
,, Controller and Auditor of Public Works Accounts.
,, Accountant General.
Exd. S. T. Augustin.

ay 1854 No 31 - 32
Reg/56 — 1405
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C No 1917/64

No. 69.70

C. 28th May 1864 - R. 30th

P. W. 1864 Depr
Pro. of Govt. for June
Trans No. 2302

The Supg Engineer
2d Division
To The Secy to Govt.
P. W.

Dated 16 May 1864
Recd. 24
E 4

Forwarding Estimates and Plans &c for Constructing a Bridge and Embanked road across the River Pyparoo at the 118th Miles of Trunk Road No 6 in Nellore District amounting to Rupees 21000 and request the sanction of the same.

No 1621 - of 3d June

With an Order.