

MADRAS RECORD OFFICE.

Government of Madras.

Judicial DEPARTMENT.

G.O. No.	16 73	Press Mis.
¹⁹⁰⁻¹⁹² Dated	22 - 11 - 19 1864	

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Not to be folded or roughly handled

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*Proceedings of the Madras Government, Judicial Department,
22nd November 1864.*

Read the following papers :—

No. 190. From Captain J. G. RYVES, R. E., Superintending Engineer, 1st Division; to Colonel C. A. ORR, R. E., Secretary to Government, D. P. W., Madras, dated Waltair, 19th October 1864, No. 1139.

As directed in paragraph 2 of G. O., No. 2437 of 24th August 1864, I do myself the honor of submitting for sanction the accompanying plan and estimate, amounting to Rupees 7420, for sinking

1 Plan.
1 Estimate.

a well near the Central Jail at Rajahmundry.

2. The Supervisor in charge of the Range ascribes the delay, in preparation of the estimate which has occurred, to the novelty of the kind of work for which he had no reliable rates on which to base his estimate.

Referred to the Judicial Department.

(Signed) C. A. ORR, Colonel, R. E.

CHEPAUK, 28th October 1864.

Secretary to Govt., P. W. D.

Referred to the Inspector General of Jails for his opinion.

(Signed) A. J. ARBUTHNOT,

29th October 1864.

Chief Secretary.

No. 191. From J. ROHDE, Esq., Inspector General of Jails; to A. J. ARBUTHNOT, Esq., Chief Secretary to the Government of Fort Saint George, dated Ootacamund, 5th November 1864, No. 301.

In reference to your endorsement of the 29th ultimo on Captain Ryves' letter in the Public Works Department of the 19th idem, referred to the Judicial Department, I have the honor to state that a well is necessary in the Jail under construction, outside the station of Rajahmundry, but that I think a narrow deep well might have been sunk without removing the earth to the extent shown, by staying the sides if necessary with jungle planks and curbs as the work proceeded. There is a well three miles higher up the road, and another there was 30 years ago, about three miles from Rajahnagaram, and from the section of the soil I should not think a wide sloping excavation necessary. Ramaya is a Vizagapatam man, and there this expensive mode of well-sinking in the red sandy soil is, or was in vogue, and this is probably is that has induced him to propose the course. He may also have been induced to this precaution by the nature of the soil pierced in the delta lands, in which, as the soil becomes more and more sandy as the excavation is carried down, it is very unsafe to dig straight down without very careful shoring; but, if I mistake not, the work, if carried on quickly at the Jail site, may, after removing a yard or two of the top soil, be carried down in a small shaft without danger, and think it likely that a bed of white clay will be met with at a depth of 30 or 40 feet, and much will depend on its nature as to the expense of the work; but even if this proves

Exd. J. Tulloch.

with an order