M.R.O. 1—77,000—8-6-37.

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(3) Initials of the Referencer_____

MADRAS RECORD OFFICE.

Government of Madras.

[illegible] DEPARTMENT.

G.O. No. [illegible]	Press / Mis.
Dated [illegible]	18[illegible]

Not to be folded or roughly handled

1/1

Proceedings of the Madras Government, Public Works Department, 20th May 1864.

No. 481. Read the following Proceedings of the Madras Government in the Military Department:—

Approving of the Estimate of Rupees 375 for deepening the Well for the European Detachment at Calicut, Malabar District. } (Here enter 12th May 1864, No. 1,612.)

No. 482. ORDER THEREON, 20th May 1864, No. 1,478.

1. Communicated to the Superintending Engineer, 7th Division, for information and guidance.

2. The Government will await the receipt of the report promised in the latter clause of paragraph 2 of the Superintending Engineer's letter.

(True Extract.)

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

To the Superintending Engineer, 7th Division.
" Accountant General.
" Controller and Auditor of Public Works Accounts.

Exd. S. T. Augustin.

Estimate of the probable expense of deepening the Well for the European Detachment at Cahiet

C.3.64

Labor	Work	Measurements L	B	D	Cubic Content	Nature of Work	Rates	Amt of Each Article	Work	Explanation of Necessity	By whom recommended
Cahiet	Deepening the Well for the European Dett at Cahiet					Deepening a Well 12 ft in diameter 6 ft — a	3 0 0 ft	18 0 0		The present supply of Water is deficient	Proceedings of Government D.P.W. No 126 dated 15th January 1864
		33	1½	6	297	Lining for new part of Well					
		33	1½	12	594	— " — " — bottom of old — " — " —					
			Total		891	C.ft of Laterite in Chinam — a	18 0 0 % ft	160 6 0			
		33	1½	4	16½	— " — " — Woodwork for bottom of Curb — "	2 0 0 ft	33 0 0			
						— Covering Well —					
		13½	1	9"	40-6-0	4 Beams					
		13½	13½	2½	37-11-7	Planking					
		5½	6"	9"	4-1-6	2 Cross pieces between Center Beams					
			Total		82-7-1						
					3-4-0	Deduct for opening in Center of Planking 4×4×2½					
					79-3-1	C.ft of Woodwork wrought & put up — a	1 4 0 ft	99 1 2			
						1 Double Winch with Woodwork, handles, Rope Bucket & Complete — "		30 0 0			
						Total		340 7 2			
						Superintendence & Sundries — about	10 0 0 per ct	34 8 10			
						Total of Estimate Rs			375 0 0		

Mathapooram.
27th February 1864.

[signature]

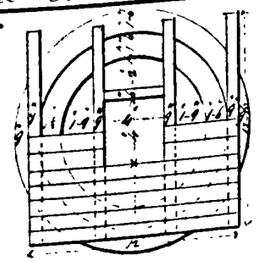
[signature]
Supg Engr.

[signature]
Tabling Malabar

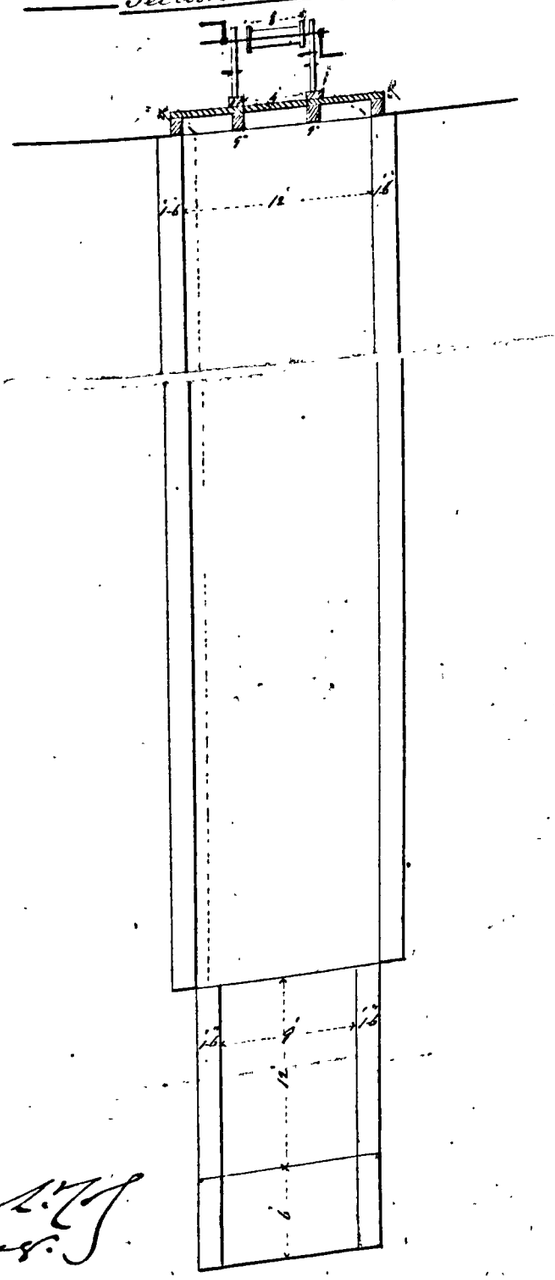
5.3.64

34

Plan shewing the additions proposed to be made to the Well for the European Detachment at Calicut



Section shewing Wynch



[illegible]
Supg Engr.

Malliapoonam
26th [illegible]

H. Sacley
Publicy Malabar

In a letter from the Superintending Engineer of the Sp. 398 of 25th April 1864.

To
The Secy. to Govt.
D.P.W.
Madras

2140
P.W. 1898/64
M.R.D. 2186 of 1864

Estimate for deepening the well for the European Detachment as follows

4 1/1

MILITARY DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following letter:—

From the Superintending Engineer 7th Division, Coonoor, 25th April 1864, No. 398; to the Secretary to Government, Department Public Works, Madras.

I ought to have submitted long since the accompanying Plan and Estimate, called for in Government Order, No. 136 of 15th January, I gave the matter my best attention personally when at Calicut, on 30th January, and again on 10th March; and finding that, but little was required to be done, I ordered the work to be taken in hand as soon as possible, that it might be completed before rain fell in April.

2. The fact is that the West Hill Barrack's Well, at Calicut, was not made deep enough to afford a good supply during the Dry weather, and the lower portion of it not being revetted, part of the sides has fallen in and lessened the available depth. By going six feet deeper, and revetting what is not naturally rocky, no doubt a good supply of water will be obtained, and the expense is estimated at only Rupees 375, which can be met from savings on some other Military sanction of 1863-64, to be hereafter reported.

3. By using the Windlass and Bucket, the Soldiers can help themselves to water when they want it. Otherwise it is doubtful whether any reduction of the number of Puckallies entertained will follow the increased supply of water in a Well of such depth.

Referred to the Military Department, with reference to the Order in that Department, No. 68, dated 8th January 1864.

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Govt., Pub. Works Dept.

29th April 1864.

ORDER, No. 1612, 12th May 1864.

Approved for immediate execution—on the completion of the work, the extra Puckallies sanctioned in Proceedings of Government marginally noted, will be dispensed with.

No. 68, dated 8th January 1864.

(True Extract.)

R. Hamilton Sec.
Deputy Secretary to Government.

To the Public Works Dept., with Plan and Estimate. 24 spare copies
" Quarter Master General.
" Controller of Military Accounts.
" Examiner Pay Department
" Military Accountant.

[illegible] W. Regel.

Paris 1814

Dépôt des Cartes
et Plans de la Guerre
No 2448

Dépôt
de la Guerre

Plan de la Position
de Montmirail
et de ses environs