M.R.O. 1—77,006—8-6-37.

(1) Number of pages 16

(2) Date of repair 4. 6. 42.

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

P. W. D. DEPARTMENT.

G.O. No. 445 Press / Mis.

230-231.

Dated 14-3-1882.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department, 14th March 1862.

No. 230. Read the following Proceedings of the Madras Government in the Military Department, dated 6th March 1862, No. 831 :—

Stating that the plans and estimates required for the erection of a new place of Arms, &c., for a Regiment of Native Infantry on the Bollúr Maydan, in the neighbourhood of Mangalore, need not be submitted, nor any further expenditure incurred on account of the wells there, and directing that the temporary buildings already erected there shall be dismantled and sold if not required by any local Civil Departments. (Vide Military Proceedings, 6th March 1862, Nos. 74 @ 77.)

No. 231. ORDER THEREON, 14th March 1862, No. 445.

Communicated to the Deputy Chief Engineer, Central Circle, for information and guidance.

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

MILITARY DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following papers :—

Proceedings of the Madras Government, in the Public Works Department.

Read the following letter from the Acting Deputy Chief Engineer, Central Circle, Chepauk, 30th January 1862, *No.* 10,034; *to the Chief Engineer and Secretary to Government, Public Works Department.*

1. I regret to be obliged to come once more before Government with a demand for further funds for one of the two Wells under construction in the Cantonment of Bolúr Maidán, in the neighbourhood of Mangalore. The subject of these Wells was fully treated in Colonel Bridwood's letter to Government, No. 2103, dated 28th June 1861, and Orders were passed thereon in the Military Department, No. 2254, 2nd July, and in the Public Works Department, No. 1281, in the same month, the precise date however not being specified.

1 *Letter from the District Engineer South Canara, No.* 164, *dated* 23*rd November* 1861.
1 *Plan.*
1 *Estimate.*
1 *Specification.*

2. In the accompanying letter, the District Engineer South Canara reports that "a great deal of the oldest part of No. 1 Well has fallen in, and has destroyed a large quantity of the revetment put up last year;" the soil is now found to be "quick" throughout, and there is reason to apprehend that the remaining sides will soon fall in.

No. 164, *dated* 23*rd November* 1861.

3. Under these circumstances, the District Engineer thinks it useless any longer to work upon the Well on its present rectangular form, and he considers, and in this I quite concur with him, that the only prospect of securing it against further damage, and rendering it thoroughly serviceable is to build it in a circular form, and to effect this, he has forwarded an Estimate of Rupees 770, corrected in this Office to Rupees 880.

4. The dimensions of the rectangular Well are 28 feet long and 21 feet broad, and the diameter proposed for the circular Well is 12 feet, which with a 2 feet casing and 2 feet buttresses on each side, will make 20 feet diameter from out to out, or 1 foot less than the breadth of the present square Well within which it is to be built. With the above explanation, I have the honor to request that the sanction of Government may be accorded to the Estimate, Rupees 880, to be disbursed out of the general funds at the disposal of the District Engineer, South Canara.

5. The total of the Estimates sanctioned for this Well will, if the present one be approved of, amount to Rupees 1,770 as per margin.

Rupees 430, *sanctioned, No.* 1281, *dated July* 1861.
" 460, *do.*
" 880, *present Estimate.*
1,770

6. The District Engineer touches on the question of Bolúr Maidán being retained as a Cantonment; on this point I am not informed. Should its abandonment be intended from any re-distribution of the Native Army before the next hot weather, it will probably not be worth while to spend more money upon the Well.

ORDER THEREON, 6th February 1862, No. 143.

Referred to the Military Department for consideration, with reference to the Order in that Department, No. 2254, dated 2nd July 1861.

(True Extract.)
(Signed) W. H. HORSLEY, Lieut.-Colonel,
Chief Engr. and Secy. to Govt., D. P. W.

Referred for the observations of His Excellency the Commander-in-Chief on paragraph 6 of the Deputy Chief Engineer's letter.

8th February 1862.

From the Quarter Master General of the Army, Fort Saint George, 8th February 1862, No. 596; to the Secretary to Government, Military Department.

In Sir P. Grant's Minute, dated February 1859, he brought to notice the defects in the position, &c., of the Native Infantry Barracks at Mangalore, and selected a site in the Bolúr Maidán, for new buildings. Government, in their Order, dated 4th October 1859, No. 3537, authorized Plans and Estimates to be framed for the new buildings. Up to this time nothing has been done in the execution of the work, but the Estimates amount to Rupees 39,600, including Barracks for the Detachment of Golundauze. The 51st Regiment Native Infantry occupy temporary buildings, &c., on the new site, and the sum spent up to date, is Rupees 2,572-0-10. The Engineer's letter exhibits this in detail, and accompanies this letter.

2. The disbandment of the 51st Regiment, suggests the expediency of annulling orders for the construction of the new buildings. Those orders were issued when the condition of the finances of the country had not been so rigidly considered, and it appears to His Excellency the Commander-in-Chief, that not being a work of urgency, it may properly give place to others that are, and which will be proposed for entry in the Budget of 1863-64.

3. The eligibility of the new site is a debated point, it being contended by the Officer Commanding Mangalore and the District Engineer that the present site is preferable; but into that question it is not necessary to enter, if the 8th Regiment of Native Infantry has to continue where it is in the old Cantonment in consequence of the construction of the new buildings being countermanded.

4. The temporary buildings have cost only about 300 Rupees, and if not found useful for any other purpose, may be dismantled and sold. The Wells are somewhat costly, but they will always be useful and cannot be disposed of.

5. The new site was not selected because a second Regiment was sent to Mangalore, but because the site of the old Cantonment was condemned by Sir P. Grant for a single Regiment.

6. I am therefore desired by His Excellency the Commander-in-Chief to solicit the Orders of Government on the subject.

From the Quarter Master General of the Army, Fort Saint George, 10th February 1862, No. 666; to the Secretary to Government, Military Department.

In reply to the reference made by Government, under date 8th instant, regarding the outlay proposed to be made in repairing a Well on the Bolúr Maidán at Mangalore, I have the honor, by order of His Excellency the Commander-in-Chief, to say that, if Government concur in the recommendation made in my letter, dated 8th instant, No. 596, that, on the disbanding of the 51st Regiment, the subject of building new Barracks, be abandoned, the repair of the Well in question need not be executed.

ORDER, No. 831, *6th March* 1862.

His Excellency the Governor in Council is of opinion that if the 51st Regiment Native Infantry at Mangalore, is not to be re-placed, the question of establishing a new Cantonment at that Station should be indefinitely postponed.

Military Department, No. 3537, dated 4th October 1859.

The Plans and Estimates called for in the Order marginally cited, need not, therefore, be now submitted.

2. In these circumstances, no further expenditure will be incurred in connection with the two Wells in the new Lines at the Bolúr Maidán, and the temporary buildings already erected, dismantled and sold if not required by any of the Local Civil Departments.

(True Extract.)

Secretary to Government.

To the Department Public Works, with four enclosures. 4 to spare Copies
„ Quarter Master General.
„ Controller of Military Finance.

Exd. T. Stubbs.

No. 164

District Engineer's Office,
South Canara,
Mangalore, 25th November 62.

From

Captain T. J. Probyn
District Engineer of Canara

To

The Deputy Chief Engr.
Central Circle

Sir,

I regret to have to report that a great deal of the oldest part of Well No. 1 has fallen in and destroyed a large quantity of the revetment put up last year.

2 This was originally made some years ago by the convicts & the rough revetment which they put up has stood until now.

3 The first estimate Rs. 430 was for revetting further portions which were uncovered by the increased size of the well & my 2nd estimate for Rs. 466 was rendered necessary by landslips which occurred while this work was in progress.

4 As reported in my letter No. 27 of 26th May 61 the whole well was submerged during the heavy rains & the whole soil appears to be now quick; the chalk or kikolay creeping out in all directions.

5 2. Sides and a portion of the 3rd are still in tolerable order but the 4th which was formerly very good has now hollowed down below the water and I fear that there is risk of its falling in before long.

6. I do not know whether in the new plans of Government as to the Cantonning of troops the station of Bolan Baidan will be kept up; but if it be I believe that the only prospect of keeping the well in good order will be by building it in a Circular form within the existing larger area - using as much of the material of the old revetment as can be turned to account.

7. I enclose an estimate of the probable cost of the work. £7,770.

I have the honor to be,

Sir

Your most obedt servant,

J. Woodcock Capt.

Distrct Engineer Sind.

BUILDINGS

ABSTRACT of Estimate No. of 186 -6

DISTRICT South Canara.

WORK Revetting Wall No 1 on the Bolur Mandawat Mangalore

Quantities.	Description of Work.	Rate. Rs.	A.	P.	Amount. Rupees.	Amount of each part. Rupees.
4607	Cub.ft of Laterite in Chunam ~~Mortar~~	10	..	-	737	
10	D:o of wild goosberry wood frames ~~Nos~~	1	4	.	13	
37	D:o of good Jungle wood Beams ~~Nos~~	1	..	.	37.	
	Clearing Mud ———	..	-	.	20.	
523	Cub.ft of filling the sides of the revetment in Mud ~~Mortar~~	..	2	.	65	
	Water Drawing wheels.	.	-	.	12	
	Baling ———	..	..	.	50.	
	Sundries &c ———	.	.	.	95	
						1030
	Deduct Value of old Stones					150
	Nett Total Rupees					880

Deputy Chief Engr Office
Chepauk.
30th January 1862

J Gutmore Lieut-Col.
Deputy Chief Engr & Dist.

N.B. Amount of original Estimate sanctioned by Government. July 1861 Rs. 890.

Specification to accompany Plan of a Well on Police Meadow at Mangalore.

Size proposed to be dug 16 ft. Circle in the clear with 7 Quarter feet.

Stone and Chunam to be used.

The rain Water will be raised and

[illegible] as the area of the Square rectangle and the sides of which are named under

Dist. Engineer Office
Cutcherry
Mangalore 25th November 1862

T. Underwood Capt.
Dist. Engineer

Enclosure.

In a letter
From
The D.y Chief Engr.
Central Circle Dhw.

To The Chief Engineer
& Secretary to Govt.

No. 261/62 - D. P.W.
Dated 30th Jan.y/62
Received

No. 10034.

Abstract Estimate for Revetting Well No. 1 on the Police Meadow at Mangalore in the District of Canara Amounting to Rupees 880.

D.
No. 640 of 1862.

In a letter from the Asst Engr S. Camara to the Engr Chief Engr C. Corcio, N.º 114 dated 23? Nov.r 1861.

N.º 261/62.

Specification to accompany Plan of a well on Bolor Maidan at Luanda.

M.D.

In N.º 640 of 1862.

Note. All the dimensions are in Portuguese feet, of which 1 foot = 1 1/2 inch.

10th July 1861 Vol. 118 - 149.

Public Works 1862 Depte
Rec: of Govt for Grace in
No 732
Rec: of the Madras Govt
in the Military Deptt
Dated 6th March/62
Received 13th
No 831.

Stating that the Plans and Estimates required for the erection of a new Block of Arms for a Regiment of Native Infantry at the Ballon Magazine in the neighbourhood of Mangalore need not be submitted nor any further expenditure incurred on account of the works there and directing that the temporary buildings already erected there shall be dismantled and sold if not required by any Local Civil Dept.

With an order
No 445 - 14 March

No 445.
Communicated to the
Deputy Chief Engineer S. Circle
for information and guidance.

Fort St George
14th March 1862

13 Copies.
Do

The Deputy Chief Engr S. Circle.
Disp 14.

No. 2300231.