

(1) Number of pages _____

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(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 779	(W)	Press ~~Mis~~
Dated 25-9-1877.		

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

25th September 1877, No. 779 W.

Buildings and Roads.
Military Works.

Read the following paper:—

No. 197. Proceedings of the Madras Government in the Military Department,
dated 21st August 1877, No. 4,758.

ABSTRACT.—Approving, generally, a plan and estimate, amounting to Rs. 2,500,
for alterations to the Rifle Butts at Bangalore, and transferring the same to the Public
Works Department for disposal.

No. 198. ORDER THEREON, 25th September 1877, No. 779 W.

THE plan and estimate of Rupees 2,500 for dismantling the Native Infantry and
Volunteer Stop, Markers and Ricochet Butts and rebuilding them at increased dis-
tances on the Rifle Ranges at Bangalore are sanctioned.

2. It is observed that when the work is undertaken Rupees 300 are promised to
be contributed by the Volunteer Rifle Battalion at Bangalore.

3. No funds are at present available for the work.

4. The sanction accorded in these Proceedings has been registered as Imperial
No. 65 B of 1877-78.

(True Extract.)

Colonel, R.E.,
Secretary to Government, P.W.D.

To the District Engineer, Bangalore.
" Examiner of Public Works Accounts.
" Military Department.

Exd. C. Howarth.
Spare Copies

Head of Service _____ Imperial
 Fund _____ Ordinary
 Class _____ Original work
 Main Head _____ Military
 Sub Head _____ Miscellaneous

To be carried out by the
 District _____ Bangalore

Abstract Estimate of 1877/78

Name of Work. _____ Dismantling the ^{Native} ~~European~~
 and Volunteers Stop Markers and Ricochet
 Batts and rebuilding the Stop and Markers
 Batts at an increased distance of about 100
 yards. - Vide Estt. of M. G. M. D. No. 336
 of 14 July/77

Quantity Description of Work Rate Amount Total

33072	Cost of removing earth work and filling the skullah of		
18812	Cost of 1 Stop Batt	1	1724 ✓
6250	Cost of 2 Stop Batts	1	9758 ✓
12299	Cost of two Markers Batts	1	32810 ✓
	Cost of four Ricochet Batts	1	6411 ✓
	Removing stone work &c.		8327 ✓
	Total		4501 ✓

Rebuilding

Stop Batts

41526	Cost of Earth work	3	148136 ✓
4208	Cost of Surfing	2	8426 ✓
40	Cost of Refixing old target stones	1	280 ✓
8	New stones for Ranges	2	16 " ✓
12	Removing and refixing old range stones	4	8 " ✓
	Total for one stop Batt		1548 ✓
	Cost for two Batts		1509 ✓

Carried Over 195975

Quantity	Description of work	Rate	Amount	Total
	Brought forward			1959
	Mankur's Pante			
1226	6ft of Earth work	3	36	1926
6.18	Spr of Surfing	2	12	1259
3	Refixing stone posts	6	18	
2	Do stone brassmurex work	4	8	
21	Do stone lining including chunam pointing	0.6	12.6	714
11	Do Do roofing	0.8	8.8	58
1	Do seat stone with legs	0.8	0.8	
1	Do table stone	1	1	
6.81	Spr of Gravelling	1	6.81	1211
	Total for one		49	32
	Do for two		98	64
				2057-6-4
	Lundries including levelling and clearing the ground			142-9-0
	Assumed compensation for land 5/6 acre			300
	Grand Total Rupees			2500

Attest Major R. E.
District Engineer

District Engineer's Office
Bangalore 25th July 1877

District Engineer

By Order

Attest A. R. Crist Lt Col
By A. R. Crist Lt Col
25th Sept 1877

N^o 422.

Office of Chief Inspector of Musketry
Bangalore 12th July 1877

From

Major A. W. C. Saunders
Chief Inspector of Musketry

To

The Assistant Q. M. General
Mysore Division

Sir

With reference to the marginal extract from

Para 11. No alteration in the number and direction of ranges since last report dated 2nd July 1876. They are dangerously to each other having only 20 to 30 yards interval instead of the regulation 90 yards. 12. The length of the 23rd Range is 500 and that of the 36th 400 yards and both are incapable of extension to 800 yards the distance now required. A third range 600 yards in length known as the Native Infantry Range can be extended to 800 yards and the work should be done before the commencement of next course as under the new system of Musketry instruction every man will have to fire up to 300 yards.

my inspection report dated 13th ultimo—

I have the honor to recommend for the consideration of the

Major General Commanding the Mysore Division the following

alteration and distribution of the ranges

consequent in the introduction of the new system of musketry instruction

instruction for the Native Army.

2. The stop butts of the Native Infantry and Volunteer ranges to be demolished and rebuilt about 100 yards west by north of their present site which, by avoiding the nullah East of the 600 yards firing point of the former range (so as to make it fall between the 600 and 700 yards pegs) and altering the direction of both will give two ranges of 1000 yards in length. The former range to be marked N^o 1. and given over to the British Infantry regiment and the latter to be marked N^o 2 and made over for the general use of the Native Infantry Regiments of the garrison.

3. The present British Infantry range 800 yards in length to be given to the Bangalore Rifle Volunteers in exchange for their range and marked N^o 3.

4. The range on the right of N^o 3 600 yards in length to be handed over to the Q. O. Sappers & Miners, and to be marked N^o 4. Those on the right of N^o 4 to be retained as short ranges.

4a
marked N^o 5 & 6. and made over to the senior and Junior native infantry regiments and the ground on the right where there is room for a couple of 200 yards ranges with the Running Deer ranges to be reserved for the meetings of the Southern India Rifle Association.

5. The cost of the proposed alterations will I am informed not exceed rupees one thousand and Colonel Benson Commanding B. Rifle Volunteers has promised to place at my disposal Rupees three hundred in aid of the work which being principally earthwork could be executed by sappers or as a relief work. For the European Range no ricochet butts will be required and the materials in the old markers butts can be utilized for the proposed new ones.

I have the honor to be
Sir
Your most Obedt. Servant
Henry Samuel
Major
Chief Inspector of Musketry

GOVERNMENT OF MADRAS.
MILITARY DEPARTMENT.

21st August 1877, No. 4758.

Barracks and Buildings—Ranges.

Read the following paper:—

No. 328. From Brigadier-General H. O'CONNELL, Quartermaster-General, to Colonel J. MICHAEL, C.S.I., Secretary to Government, Military Department; dated Head Quarters, Ootacamund, 11th August 1877, No. 500-5513.

Enclosures 3.

Plan and Estimate (Rupees 2,500) two thousand five hundred, for alterations to the Rifle Butts at Bangalore to adapt them for the increased ranges required under the new system of musketry instruction. Letter, No. 422, dated 12th July 1877, from the Chief Inspector of Musketry, pointing out the necessity for the alterations, is enclosed. It will be observed that the Bangalore Rifle Volunteers promise to give Rupees 300 towards this work.

The Commander-in-Chief having approved the plan and estimate (Rupees 2,500) marginally noted, I am directed by His Excellency to submit them for the consideration and orders of Government.

2. If approved by Government, it is requested, that the papers may be forwarded to the Department Public Works for disposal.

No. 329. ORDER THEREON, 21st August 1877, No. 4758.

Approved generally, and transferred to the Public Works Department for the consideration and orders of Government.

(True Extract.)

H. H. H.
Chief Secretary.

To the Public Works Department, with three enclosures. and 10 copies.
" Quartermaster-General.

Exd. A. Raitt.

Recommendation for the consideration of the Military Department. Commanding certain alterations and construction of buildings at Bangalore.

Date 12th July 1877.

H. O'Connell
Brigadier-General

7/12/77

4625 Sept 11 1877

Recd 23-10-77

GA

21.0.77

No. 779 H. Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 25th Sept 77.

Read the following:—

Proceedings in the Military Dept. (H. C. No. 4758 d/21st August 1877)

The plan and estimate of Rs. 2500, for dismantling the Native Infantry and Volunteer Stop, Markers and Ricochet Butts and rebuilding them at increased distances on the Rifle Ranges at Bangalore, are sanctioned.

2. It is observed that where the work is undertaken Rs. 300 are promised to be contributed by the Volunteer Rifle Battalion at Bangalore.

3. No funds are at present available for the work.

District Engineer Bangalore. 2
Examiner of P.W. Accounts. 5
Military Department. 187

Dec 23-10-77

GAJ 21.9.77

The sanction accorded
in these Proceedings has
been registered as Sanction
No. 65 B of 1877-78-

8/12

Govt. of 1877 Madras.

PUBLIC WORKS.

To

H. I. Baigalure

Dated

26-1

Encl.

G. O., 25 Sep. 1877, No. 779/49.

Nos. 197-198

Nahie Lufambry and Bel
under Bel at Bangalore

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allirahoni White - Lane -
honed with Umarch.

Int. J. M. 1877.
L. W. 77.