

Govt. of 1888 Madras.
MILITARY.

To THE ADJUTANT-GENERAL,
&c., &c., &c.

Dated December, 1st.

Issued

Recd.

Encl.

G.O., 1st December 1888, No. 8083.

DECEMBER.
Nos. 6-12.

Drill and Instruction.

Pioneering.—Supply of certain stores for the instruction of British Cavalry regiments in — sanctioned, with remarks, by the Government of India.

one copy to each *[initials]*

B. 423940 W a/17 Dec/88

Send to all
Supt. Engrs for
information
and guidance

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GOVERNMENT OF MADRAS.

MILITARY DEPARTMENT.

Drill and Instruction.

Read the following papers:—

- No. 6. From Brigadier-General M. C. FARRINGTON, C.B., Adjutant-General, Madras Army, to Brigadier-General A. KENNEY-HERBERT, Secretary to Government, Military Department; dated Ootacamund, 21st April 1888, No. 402-E (Drill and Instruction).

With reference to para. 2 of Proceedings of Madras Government, No. 395, of 20th January 1887, I have the honor to report, for the information of Government, that two classes ("one from the 7th Hussars, Secunderabad, consisting of 2 Non-commissioned officers, 16 privates," and "one from the 3rd Madras Cavalry composed of 1 British officer, 1 Native officer, 2 Non-commissioned officers and 10 privates") were put through a course of instruction in pioneering during 1887, according to the synopsis laid down in Appendix 4 of the Queen's Regulations, and with satisfactory results.

2. The cost for the 1st class ("7th Hussars") was Rs. 154-8-5, and the estimated cost for each succeeding class Rs. 46-1-11, as shown in the statement attached,* and the actual additional cost for the class of the 3rd Madras Cavalry was Rs. 22.

* Letter No. 1772—106-W, of 18th November 1887, from Officer Commanding, "Queen's Own" Sappers and Miners, to the Adjutant-General.

3. Four classes from the 12th Lancers at Bangalore were also instructed during the year by the Commandant, "Queen's Own" Sappers and Miners, but the details of expense incurred were unfortunately not kept by that officer, but were included in the ordinary expenditure of his regimental instruction.

4. As, therefore, the sum of Rs. 210 sanctioned for the training of classes at Bangalore (Proceedings of Madras Government, No. 395, of 20th January 1887) was not expended, His Excellency the Commander-in-Chief trusts that Government will sanction its expenditure at that station during the current year.

5. I am desired to point out that the Government of India in para. 1 of their letter No. 1171-C of 17th December 1886, sanction, as a tentative measure for one year (1887), an expenditure of Rs. 420 for the training of "Regimental Instructors," but this should have been for the training of "classes from British and Native Cavalry regiments quartered at Bangalore and Secunderabad in the course of pioneering laid down in Para. 217, Section VII, Queen's Regulations," the above sum being quite inadequate for the training of instructors, as shown by the Officer Commanding, "Queen's Own" Sappers and Miners, in his estimate forwarded with my letter No. 193-E (Drill and Instruction), of 21st April 1886, embodied in Proceedings of Government, No. 4302, of 17th July 1886.

6. The synopsis laid down in Appendix 4, Queen's Regulations, has to be carried out in the regiment, and in executing it only such articles as form part of the equipment of Cavalry Pioneers are to be used, but two important items of Cavalry Pioneer appointments, viz., detonators and gun cotton, are not issued in time of peace in this country.

7. His Excellency considers that in those regiments having officers qualified as instructors an annual allowance, not exceeding Rs. 50, should be authorised for the purchase of material, in addition to the pioneer appointments, as may be necessary to carry out the synopsis, and trusts that Government will sanction the same.

8. As regards the instruction of officers in regiments not having officers qualified as shown in para. 7, Sir Charles Arbuthnot would advocate that one officer from every such regiment be sent for instruction "as instructors" under the Officer Commanding, "Queen's Own" Sappers and Miners, Bangalore; but to carry this out in a thorough and practical manner, it will be necessary to incur the expenditure for such a class, shown in the estimate, which accompanied my letter No. 193-E (Drill and Instruction), of 21st April 1886, referred to in para. 5 of this letter. The Officer Commanding, "Queen's Own" Sappers and Miners, reports that the number of officers under instruction cannot increase or diminish the cost of material necessary for any course of instruction.

9. His Excellency therefore hopes that the Government of India may be again addressed on the subject of this instruction, with a view to sanction being obtained for the expenditure shown as necessary in paras. 7 and 8.

From Colonel A. F. HAMILTON, R.E., Commandant, "Queen's Own" Sappers and Miners, to the Adjutant-General, Madras Army; dated Bangalore, 18th November 1887, No. 1772-106-W. (Through the General Officer Commanding the Bangalore Division; dated Bangalore, 19th November 1887, No. 1114-D).

I have the honor, with reference to your letter No. 831-E (Drill and Instruction), dated 11th November 1887, calling for report of results of the training by Sappers of men of British and Madras Cavalry regiments, to report that only one class has been trained at Secunderabad and none at Bangalore. Regarding the former, Captain Cotter reports: I have the honor to report that up to date (27th August 1887) I have put through but one class. The expense incurred, exclusive of certain gun cotton supplied by the Superintendent of Park, has been Rs. 154-8-5, made up as follows:—

Articles.	Amount.			Remarks.
	RS.	A.	P.	
Railway materials ...	111	8	0	Sufficient for seven more classes.
Brushwood and bamboos ...	10	11	0	Almost all used up.
Timber for trestle ...	13	7	7	An expenditure of Rs. 2 per class required for maintenance.
Gun cotton, including carriage ...	17	2	0	Sufficient for three more classes.
Miscellaneous articles ...	1	11	10	Nearly all used up.
Total ...	154	8	5	

2. From the above, I estimate the total cost per class to be Rs. 46-1-11, as under:—

Articles.	Amount.			Remarks.
	RS.	A.	P.	
Railway materials ...	13	15	0	Average per class.
Brushwood and bamboos ...	10	11	0	Per class.
Timber for trestles, &c. ...	2	0	0	Per class in addition to first cost.
Gun cotton ...	4	4	6	Per class.
Miscellaneous (nails, &c.) ...	1	11	10	
To which must be added first cost of timber which only requires to be kept up.	32	10	4	
Total ...	46	1	11	

3. It appears from this that the expenditure will depend on the number of classes held throughout the year. The last class consisted of but 2 Non-commissioned officers and 16 men.

No. 7. With report from Controller of Military Accounts; 19th June 1888, D.

No. 8.

No. 4605.

In para. 4 of the Adjutant-General's letter above recorded, sanction is requested for the expenditure during 1888 of the sum of Rs. 210 sanctioned by the Government of India, but not expended at Bangalore during 1887, for the training of regimental instructors in Cavalry pioneering. In para. 7 of the same letter sanction is asked for an annual allowance not exceeding Rs. 50, for the purchase of the necessary matériel by such Cavalry regiments as have officers qualified as instructors in Cavalry pioneering.

2. It appears from the Adjutant-General's letter to the Controller of Military Accounts, No. 525, dated 23rd May 1888, that the regiment of Hussars stationed at Bangalore has an officer qualified as an instructor, and, in the circumstances, the Secretary to Government, Military Department, is directed to inquire whether the proposed expenditure of Rs. 210 at Bangalore is necessary in addition to the sum, not exceeding Rs. 50, that is asked for for the 21st Hussars.

3. It is observed that, besides the two sums above referred to, it is proposed to hold a class at Bangalore for the training of officers as instructors at a cost, estimated by the Controller of Military Accounts, of Rs. 1,678-14-2. The total expenditure proposed to be incurred at Bangalore is therefore Rs. 1,678-14-2 + Rs. 210 + Rs. 50, or Rs. 1,938-14-2 in the aggregate. Is this correct?

(By Order.)

OOTACAMUND,
7th July 1888.

(Signed)

A. KENNEY-HERBERT, Brigdr.-Genl.,
Secretary to Government.

To the Adjutant-General.

No. 9. From Brigadier-General M. C. FARRINGTON, C.B., Adjutant-General, Madras Army, to Brigadier-General A. KENNEY-HERBERT, Secretary to Government, Military Department; dated Ootacamund, 17th July 1888, No. 703-E (Drill and Instruction).

In reply to your memorandum No. 4605, of the 7th instant, I am directed to say that the sum of Rs. 210 unexpended in 1887 will not be necessary, but Rs. 50 will be required annually for the British Cavalry Regiment at Bangalore which has a qualified instructor.

2. With regard to para. 3 of Government memorandum under reply, I am to say that the total expenditure to be incurred at Bangalore during the first year will be as shown in the estimate forwarded with my letter No. 193-E (Drill and Instruction), dated 21st April 1886, i.e., Rs. 1,266-5-2 for the class, plus Rs. 50 for the practice of the 21st Hussars which has an instructor.

I am not aware of the items in the Controller of Military Accounts' estimate raising the cost of the class to Rs. 1,678-14-2, but presume the travelling expenses of officers proceeding to and from Bangalore are included in it.

3. I am, however, to observe that an annual allowance of Rs. 50 for the British Cavalry at Secunderabad which has an instructor has apparently not been provided for.

No. 10. To the Secretary to the Government of India, Military Department; dated 3rd August 1888, No. 5296.

No. 11. From Major A. D. ANDERSON, Deputy Secretary to the Government of India, Military Department, to the Adjutant-General in India; dated Port William, the 21st November 1888, No. 2498-C.

Drill and Instruction.

I am directed to acknowledge the receipt of your letter No. 3148-D (Drill and Instruction), dated the 14th September 1888, regarding the issue of stores, &c.,

to regiments of British Cavalry for the instruction of classes in pioneering, and, in reply, to convey, for the Commander-in-Chief's information, the following orders of the Government of India thereon:—

(1) The supply of the stores detailed in the accompanying statement, for the instruction of similar classes in future, is sanctioned, the sources of supply in the Bengal Presidency being the Military Works and Ordnance Departments, and in the Madras and Bombay Presidencies the Public Works and Ordnance Departments.

(2) No extra tools should be issued in this country over and above the pioneer equipment of a regiment as recommended by His Excellency.

(3) The instruction of Cavalry pioneers should, as stated in para. 8 of your letter, be as practical and free from technicality as possible, and should be carried out regimentally; extraneous aid being resorted to only when unavoidable. The Government of India, therefore, do not consider it necessary to incur any expenditure in sending Cavalry officers to the head-quarters of corps of Sappers and Miners.

Table of Stores considered suitable for carrying out the instruction of classes of Cavalry pioneers in India (in modification of the scale laid down in pages 133 and 134 of the Home Equipment Regulations, 1881).

Column A gives the stores which should be kept at each station where one or more Cavalry regiments are quartered.
Column B gives the stores which should be issued annually for each regiment whose pioneers execute the course.

Articles.	A.	B.
<i>For brushwood work.</i>		
Brushwood	...	Mds. 75
Cordage, Manilla, 2-inch	...	Fathoms. 10
or		
" tarred, hawser, 3-strand, 2-inch	...	" 10
<i>For hutting, &c.</i>		
Cordage, tarred, yarn, spun hemp, 1-thread	...	Lb. 5
or		
" Moonj	...	" 20
Grass for thatching	...	Bundles 500
<i>For two-spiked trestles.</i>		
Nails, iron, spike, No. 2, 6-inches	...	Lb. 50 25
Braces 14' x 9" x 1½" or 2"	...	No. 4
Ledgers 14' x 6" x 1½" or 2"	...	" 2
Standards 12' x 8" x 4"	...	" 4
Transoms 12' x 9" x 2½" to 3"	...	" 4

Table of Stores considered suitable for carrying out the instruction of classes of Cavalry pioneers in India (in modification of the scale laid down in pages 133 and 134 of the Home Equipment Regulations, 1881)—cont.

Column A gives the stores which should be kept at each station where one or more Cavalry regiments are quartered.

Column B gives the stores which should be issued annually for each regiment whose pioneers execute the course.

Articles.	A.	B.
<i>For two-lashed trestles.</i>		
Timber, spar, Diagonals 16' x 3" or 4" diameter	No. 4	...
bridging, deo- Ledgers 16' x 4" diameter	" 2	...
dar. Standards 15' x 6" "	" 4	...
Transoms 14' x 8" "	" 4	...
Cordage, Manilla, 1½"	Fathoms. 50	10
<i>For 25 feet of roadway.</i>		
Timber (deodar), or as may be available, 1½" plank, chesses 10' long, 12" wide	No. 25	...
Timber, deodar Road bearers, 15" to 20" long, 6" diameter	" 10	...
Shore transoms, 12' x 5" diameter	" 2	...
<i>For hasty demolition.</i>		
Detonators, No. 8, with 2' of Bickford's fuze attached	50	50
Gun-cotton slabs	Lb. 15	...
" discs	" 5	...
Old railway Chairs with two trenails and two spikes to each	" 10	...
plant. Fish-plates and bolts	Sets 4	...
Rails, as may be available (length)	" 4	...
Sleepers, 9" x 9" x 4½", or as may be available	14	7
Wire, iron, soft, No. 11 B. W. G.	Yds. 100	...
Telegraph line " " " 22	Lb. 2	...
Insulators, shackles, porcelain, with bolts and nuts.	No. 3*	...

* One intermediate, two terminal.

No. 2498-C.

Copy of the above, with a copy of the statement, forwarded to the Secretary to the Government of Madras, Military Department, with reference to his letter No. 5296, dated 3rd August 1888.

(By Order.)

FORT WILLIAM,
21st November 1888.

(Signed) E. G. BARROW,
Asst. Secy. to the Govt. of India.

No. 12. ORDER THEREON, 1st December 1888, No. 8083.

Ordered that the foregoing letter from the Government of India be communicated to His Excellency the Commander-in-Chief and departments concerned for information and guidance.

(True Extract.)

Alfred Herbert
Brigdr.-Genl.,
Secretary to Government.

To the Adjutant-General.
" Inspector-General of Ordnance.
" Public Works Department.
" Controller of Military Accounts.
Exd. E. C. Shunker.