(1) Number of pages 36

(2) Date of repair 9.11.87

(3) Initials of the Referencer

# TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P.W DEPARTMENT

G.O. No.
B.P. No: 220 W

Press.
Mis.

Dated 26-1-1886

198 .

*Not to be foided or roughly handled*

Archives I--10,006 I -80.

GOVERNMENT OF MADRAS.

## PUBLIC WORKS DEPARTMENT.

**Buildings and Roads.**
**Military Works.**

READ—the following papers:—

From Brigadier-General R. C. STEWART, Quartermaster-General, to the Secretary to Government, Military Department, dated Bangalore, 7th December 1885, No. 554 T.

With reference to paragraph 4 of this office letter, No. 321 T., of the 9th ultimo, recorded in G.O., No. 6664, of the 24th idem, I have the honor, by order, to forward, for sanction and transfer to the Public Works Department for disposal, the below-mentioned estimate, which has been approved by the Provincial Commander-in-Chief. The estimate has been countersigned.

Estimate, amounting to Rs. 2,050, for repairing the skittle alley and fives court at Rámandrug.

2. General Rowlands hopes it will be possible to provide funds at a very early date for carrying out the repairs, so as to admit of the skittle alley and fives court being used by the troops proceeding to Rámandrug next hot season.

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No. 7017, Military.

Approved, and transferred to the Public Works Department for disposal.

(By Order.)

FORT ST. GEORGE,
9th December 1885.

(Signed) A. R. KENNEY-HERBERT, Lieut.-Col.,
Offg. Secretary to Government.

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From Lieutenant-Colonel H. M. VIBART, R.E., Superintending Engineer, III Circle, to the Chief Engineer, Public Works Department, dated Cuddapah, 1st January 1886, No. 2069.

With reference to your endorsement, No. 2135 C., dated 12th December 1885, I have the honor to return, countersigned, the estimate of Rs. 2,050 for repairing the skittle alley and fives court at Rámandrug.

2. I further beg to report that I have authorised the Executive Engineer to commence the work in anticipation of sanction of the estimate, as the repairs should be completed before the depôt is occupied by the troops during the coming hot season.

ORDER—dated 26th January 1886, No. 220 W., Public Works.

The estimate, amounting to Rs. 2,050, for repairing the skittle alley and fives court at Rámandrug, is sanctioned against the lump sum grant to the Bellary division under Military, Repairs.

2. This sanction has been registered as Imperial, Ordinary, No. 61 W. of 1885-86, and classified as Military, Repairs.

(True Extract.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To the Superintending Engineer, III Circle, with three enclosures.
,, Examiner, Public Works Accounts, with the general abstract estimate for note and return to Superintending Engineer, III Circle.
,, Military Department.

Exd. E. Fernandez.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

# Govt. of {1886} Madras.

## PUBLIC WORKS.

*Dated January, 26th.*

*Read.* *Encl.*

**G.O., 26th Jan. 1886, No. 220 W.**

**JANUARY.**

### Skittle Alley and Fives Court at Ramandrug

Estimate for repairing the —, sanctioned.

3/280

GOVERNMENT OF MADRAS.

MILITARY DEPARTMENT.

4th February 1880, No. 795.

**Establishments—Depots.**

Read the following papers :—

No. 57. *From Brigadier-General F. W. JEBB, Adjutant-General, to Colonel J. MICHAEL, C.S.I., Secretary to Government, Military Department; dated Ootacamund, 27th October* 1879, *No.* 791.

With reference to the urgent request to the Commander-in-Chief to reduce all expenditure possible, I have the honor, by order, to request you will bring under the consideration of Government the desirability of reducing the establishment at the Convalescent Depôt at Ramandroog for eight months in each year instead of, as is now the case, keeping up the depôt establishment during the whole year. The Commander-in-Chief, after consultation with the Surgeon-General, British Medical Department, is of opinion that this scheme may be adopted without any sacrifice of health to the British troops quartered at Bellary, and thereby a considerable saving would be effected.

2. Sir Neville Chamberlain recommends—*first*, that the depôt be opened for convalescents on the 1st March each year and maintained for four months, these being the hot months in Bellary; in ordinary years the monsoon breaks during June, when there remains no reason for keeping the convalescents at the depôt; *second*, that a Captain and a Medical Officer from the British Infantry Regiment at Bellary be detached there for duty during these four months; and, *third*, the Serjeant-Major might be selected from one of the convalescents when practicable, and, as his duties are light, he might well undertake the additional duties of Pay Serjeant on the allowance of Rs. 12 a-month.

3. The only permanent appointment His Excellency would recommend is that of the Quartermaster-Serjeant, who should remain at the depôt all the year round, as it is expedient that a trustworthy British Non-Commissioned Officer should be on the spot to take charge of the public buildings. They require frequent supervision owing to the destructive nature of the white ants which abound on the Droog, and during the rainy season fires have to be constantly made to preserve the buildings and bedding, &c. It is also recommended that four additional bearers be maintained during the eight months the depôt is vacated by the convalescents; this will give the Quartermaster-Serjeant eight bearers when the barracks are vacated to assist in taking care of the buildings and such stores of the Barrack and Commissariat Department as may be left there.

4. Enclosed are two statements—No. 1 showing the present estsblishment and the other (No. 2) what is now proposed.

5. Should this scheme be approved of by Government, the Barrack Master from Bellary will be directed to pay four or five visits to Ramandroog during the eight months when the buildings are not occupied.

No. 1.

ABSTRACT STATEMENT of the Present Estimated Annual Cost for the Upkeep of the Convalescent Depôt, Ramandroog, calculating sixty-eight Convalescents remaining there for six months during the year.

| Department. | Heads of Charges. | Particulars. | Pay, Allowances, and Charges. Depot Allowances per Mensem. | Pay per Mensem. | Total per Annum. | Total of each Department. | Total Annual Cost. | Remarks. |
|---|---|---|---|---|---|---|---|---|
| | | | RS. A. P. | RS. A. P. | RS. A. P. | RS. A. P. | RS. A. P. | |
| Executive. | Personnel ... | Commandant ... ... ... ... | 100 0 0 | 415 6 0 | 6,184 8 0 | | | |
| | | Serjeant-Major (highest rates) ... | ... | 60 0 0 | 720 0 0 | | | |
| | | Paymaster-Serjeant ... ... ... | 7 0 0 | ... | 84 0 0 | | | |
| | | Quartermaster Serjeant (highest rates). | ... | 47 0 0 | 564 0 0 | | | |
| | | Schoolmaster ... ... ... ... | 10 0 0 | ... | 120 0 0 | | | |
| | Charges ... | Commandant's office allowance ... | 35 0 0 | ... | 420 0 0 | | | |
| | | Library allowance for lighting ... | ... | ... | 36 0 0 | | | |
| | | Postage and contingencies ... ... | ... | ... | 200 0 0 | | | |
| | | Family allowance ... ... ... | ... | 22 0 0 | 264 0 0 | | | |
| | | Two puckallies ... ... ... | ... | 22 6 4 | 268 12 0 | | | |
| | | | | | | 8,861 4 0 | | |
| Medical. | Personnel ... | Surgeon-Major ... ... ... | ... | 825 11 5 | 9,908 9 0 | | | |
| | | Assistant Apothecary ... ... | 30 0 0 | 100 0 0 | 1,560 0 0 | | | |
| | | Hospital Serjeants ... ... ... | 10 0 0 | ... | 120 0 0 | | | |
| | | | | | | 11,588 9 0 | | |
| Commissariat. | Personnel ... | Commissariat Staff Serjeant... ... | ... | 75 0 0 | 900 0 0 | | | |
| | | Do. Purveyor ... ... | ... | 20 0 0 | 240 0 0 | | | |
| | | Do. Peon ... ... ... | ... | 6 0 0 | 72 0 0 | | | |
| | | Hospital servants ... ... ... | ... | 45 0 0 | 540 0 0 | | | |
| | | Extra cost of rice-money for four bearers. | ... | 4 0 0 | 48 0 0 | ... | ... | Belong to Bellary allotment. |
| | Rations ... | Excess cost of rations at Rs. 2-7 87/100 per man per diem. | ... | 360 3 5 | 2,161 4 6 | ... | ... | Calculation—seventy men for six months. |
| | Lighting, &c. | Extra cost of barrack supplies ... | | | | | | |
| | Barracks ... | Fuel for barracks for four months per annum. | ... | 40 0 0 | 240 0 0 | ... | ... | For six months. |
| | Hospital ... | Extra cost of diets and perishable articles. | ... | ... | 350 0 0 | | | |
| | | | ... | 50 0 0 | 300 0 0 | ... | ... | For six months. |
| | Supplies ... | Fuel for Depôt Hospital ... ... | ... | ... | 20 0 0 | | | |
| | Conservancy... | Conservancy charges... ... ... | ... | 10 0 0 | 120 0 0 | | | |
| | | | | | | 4,991 4 6 | | |
| | | | | | | | 25,441 1 6 | |

BELLARY,
15th October 1879.

(Signed) F. G. KEMPSTER, Brigdr.-Genl.,
*Commanding Ceded Districts.*

No. 2.

ABSTRACT STATEMENT of Estimated Cost of Convalescent Depôt, Ramandroog, on Proposed Reductions for Four Months of the Year, say from 1st March to 30th June.

| Department. | Heads of Charges. | Particulars. | Pay, Allowances, and Charges. Monthly Allowances. | Monthly Pay. | Total for four Months. | Total for each Department. | Total Annual Cost. | Remarks. |
|---|---|---|---|---|---|---|---|---|
| | | | RS. | RS. A. P. | RS. A. P. | RS. A. P. | RS. A. P. | |
| Executive. | Personnel ... | Commandant ... ... ... | 100 | ... | 400 0 0 | ... | ... | Detachment from British Infantry Regiment, Bellary, for the time. |
| | | Serjeant-Major and to act also as Pay Serjeant. | 12 | ... | 48 0 0 | ... | ... | Do. do. do. |
| | | Quartermaster Serjeant ... | ... | 47 0 0 | 188 0 0 | ... | ... | To be permanent all the year round. |
| | | Schoolmaster ... ... | 10 | ... | 40 0 0 | | | |
| | Charges ... | Commandant's office allowance | 15 | ... | 60 0 0 | | | |
| | | Library allowance ... ... | 3 | ... | 12 0 0 | | | |
| | | Two puckallies ... ... | ... | 22 6 4 | 89 9 4 | | | |
| | | | | | | 887 9 4 | | |
| Medical. | Personnel ... | Assistant Apothecary ... | 30 | 100 0 0 | 520 0 0 | | | |
| | | Hospital Serjeant ... ... | 8 | ... | 32 0 0 | | | |
| | | | | | | 552 0 0 | | |
| Commissariat. | Personnel ... | Commissariat Staff Serjeant ... | ... | 75 0 0 | 300 0 0 | | | |
| | | Do. Purveyor ... | ... | 20 0 0 | 80 0 0 | | | |
| | | Do. Peon ... ... | ... | 6 0 0 | 24 0 0 | | | |
| | | Extra cost of rice-money for four bearers. | ... | ... | 16 0 0 | ... | ... | Belong to Bellary allotment. |
| | Rations ... | Excess cost of rations at Annas 2-7 87/100 per diem. | ... | ... | 1,440 13 8 | ... | ... | Calculated seventy men for four months. |
| | Lighting, &c. | Extra cost of barrack supplies | ... | ... | 160 0 0 | | | |
| | Barrack ... | Fuel for barracks ... ... | ... | ... | 350 0 0 | | | |
| | Hospital ... | Extra cost of diets and perishable articles. | ... | ... | 200 0 0 | | | |
| | Supplies ... | Fuel for depôt hospital ... | ... | ... | 20 0 0 | | | |
| | Conservancy... | Conservancy charges ... ... | ... | ... | 40 0 0 | | | |
| | | | | | | 2,630 13 8 | | |
| | | | | | For 8 months. | | 4,020 7 0 | Or for 6 months add 3rd (Rs. 1,340-2-4) = Rs. 5,360-9-4. |
| | Charges for the remaining 8 months to take charge and care of public buildings. | Quartermaster-Serjeant ... | ... | 47 0 0 | 376 0 0 | ... | ... | It would perhaps be necessary to allow compensation in lieu of rations to the Quartermaster Serjeant in the absence of the Commissariat Department. |
| | | Say for 8 bearers (being 4 additional) extra rice-money, &c. | ... | ... | 64 0 0 | 440 0 0 | 440 0 0 | Family allowance to be added. |
| | | Add— Family allowance for wife and children. | ... | ... | ... | ... | ... | |
| | | Total upkeep for 4 months ... | ... | ... | ... | ... | 4,460 7 0 | |

BELLARY,
15th October 1879.

(Signed) F. G. KEMPSTER, Brigdr.-Genl.,
*Commanding Ceded Districts.*

No. 58. *With report from the Controller of Mily. Accounts, 6th Dec.* 1879, *G.*

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No. 59. No. 6982.

The Secretary to Government, Military Department, is directed to inquire, with reference to the Adjutant-General's letter, No. 791, dated 27th October 1879, whether the command allowance of Rs. 100 per mensem is susceptible of reduction, and whether a Purveyor might not be dispensed with.

2. It is observed that no provision has been made in the proposed list of expenditure for the repair of roads or station conservancy on account of the depôt.

FORT ST. GEORGE, (Signed) J. MICHAEL, Colonel,
12*th December* 1879. *Secretary to Government.*

To the Adjutant-General, with 2 original statements requested to be returned.

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No. 60. *From Brigadier-General F. W. JEBB, Adjutant-General, to Colonel J. MICHAEL,* C.S.I., *Secretary to Government, Military Department; dated Fort St. George,* 14*th January* 1880, *No.* 45.

In returning the statements received with Military Department memorandum, No. 6982, of 12th December last, I have the honor, by order of the Commander-in-Chief, to state that in his opinion the command allowance of Rs. 100 per mensem is not susceptible of reduction because a Captain in charge of his company receives Rs. 50 a month and there is considerable addition of office work and stationery required when such an officer takes up the command at Ramandroog both in correspondence and returns, and, as the responsibility of command is also much increased, it is doubtful whether competent officers would willingly take up the duty unless there was some small pecuniary gain attached to it or at all events absence of loss.

2. As regards dispensing with the services of a Purveyor, I am to point out that the duties pertaining to this class of hospital attendants, such as going into the bazaar and purchasing hospital necessaries, &c., are such as cannot be performed by a Commissariat Serjeant.

3. With reference to the second para. of memorandum under reply, an allowance of Rs. 10 per mensem is shown on the accompanying statement for conservancy charges, while the repairs and maintenance of the roads form a charge in Public Works Department agreeably to Order of Government, No. 1128-W-2002, of the 5th March 1878.

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No. 61. *From Brigadier-General H. O'CONNELL, Quartermaster-General, to Colonel J. MICHAEL,* C.S.I., *Secretary to Government, Military Department; dated Fort St. George,* 24*th December* 1879, *No.* 9310.

I have the honor, by order, to report that, in consequence of the few British troops now at Bellary and the fact of there being no invalids or convalescents at the depôt at Ramandroog, His Excellency the Commander-in-Chief has directed that the depôt should be closed for the present, the Medical Officer and Depôt Staff being withdrawn.

2. The General Officer Commanding the Ceded Districts has been directed to make arrangements for the care of the buildings at Ramandroog during the time the depôt is closed. The nature of the arrangements made will be reported hereafter. Both at Ramandroog and Bellary it will be necessary to entertain chowkeydars to some extent in consequence of the paucity of troops.

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B.

Fowarded in continuation of this office report G of 6th December 1879.

(Signed) J. W. RIDEOUT, Colonel,
6*th January* 1880. *Controller of Mily. Accounts.*
*To the Secretary to Government, Military Department.*

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No. 62. *From Brigadier-General H. O'CONNELL, Quartermaster-General, to Colonel J. MICHAEL,* C.S.I., *Secretary to Government, Military Department; dated Fort St. George,* 7*th January* 1880, *No.* 92.

In continuation of this office letter, No. 9310, dated 24th ultimo, I have the honor, by order, to report that the Commandant, the Medical Officer, and the Serjeant-Major have been withdrawn from the depôt at Ramandroog. The Quartermaster-Serjeant and a native guard of one havildar, one naigue, and six privates will take charge of the public buildings. The guard has been sent up as the Public Works Department say they have no authority to provide watchmen and no funds from which to pay them. The services of the Quartermaster-Serjeant are required as there is no Overseer or other responsible person of the Public Works Department to take charge of the vacant buildings. The sepoy guard will be relieved monthly until such time as the Public Works Department can furnish watchmen. Another reason for sending the sepoy guard up is the great difficulty of obtaining chowkeydars on the Droog.

2. The present withdrawal of the staff from Ramandroog will cause a reduction in expenditure. Of course the staff pay of the Quartermaster-Serjeant will be continued to him.

3. The depôt will be re-established when circumstances render it necessary.

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D.

Forwarded.

(Signed) J. W. RIDEOUT, Colonel,
9*th January* 1880. *Controller of Mily. Accounts.*
*To the Secretary to Government, Military Department.*

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No. 63. ORDER THEREON, 4th February 1880, No. 795.

His Grace the Governor in Council approves His Excellency the Commander-in-Chief's recommendation that the Ramandroog Convalescent Depôt be closed for eight months in the year, viz., from 1st July to 28th February, and sanctions the proposed arrangements for the four months during which the depôt will be annually open in future and for the custody of the public buildings for the rest of the year.

2. The resulting savings are estimated at Rs. 5,952 per annum.

(True Extract.)

(Signed) H. N. D. PRENDERGAST, Colonel, R.E.,
*Acting Secretary to Government.*

To the Adjutant-General.
" Quartermaster-General.
" Commissary-General.
" Surgeon-General, British Medical Service.
" Controller of Military Accounts.
" Public Works Department.

Exd. J. W. Fischer.

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GOVERNMENT OF MADRAS.

# MILITARY DEPARTMENT.

24th February 1885, No. 1016.

**Distribution of Army—British Army.**

Read the following papers:—

No. 392. *From Brigadier-General R. C. STEWART, Quarter Master General, to Lieutenant-Colonel A. KENNEY-HERBERT, Officiating Secretary to Government, Military Department; dated Kamptee, 2nd February* 1885, *No.* 268.

I have the honor to forward, for the consideration of Government, the correspondence as per margin containing a proposal from the Officer Commanding the Ceded Districts to send two companies of the British regiment stationed at Bellary to occupy the barracks at Ramandroog for the hot weather from about 20th February to 15th or 20th June, and to state that the Commander-in-Chief thinks favorably of the proposition and hopes that it may meet with the approval of Government.

No. 3-G., of 6th January 1885, from Officer Commanding Ceded Districts.
No. 21, of 19th January 1885, from Surgeon-General, Her Majesty's Forces.
No. 30-G., of 24th January 1885, from Officer Commanding Ceded Districts.

2. The Brigadier-General contemplates relieving the detachment once a month, by which means every man in the regiment would obtain a change of climate for a short period, and, as the baggage would be carried by Government transport, there would be no additional expense to Government on this account.

3. The anticipated expenditure of the proposition is Rs. 95 per mensem, as will be seen by the statement submitted by the Officer Commanding, Ceded Districts, in his letter, No. 30-G., of 24th January 1885, and the Surgeon-General, Her Majesty's Forces, approves of it as per his letter, No. 21, of 19th January 1885.

4. I may add that it is not His Excellency's desire to send sick and weakly men to Ramandroog; but all such men will, as usual, be despatched to the convalescent depôt at Wellington.

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From Brigadier-General W. A. GIB, C.B., General Officer Commanding Ceded Districts, to the Quarter Master General; dated Bellary, 6th January 1885, No. 8-G.

I have the honor to propose, for the consideration of His Excellency the Commander-in-Chief, the following project for utilizing during the hot weather the military buildings originally constructed as a sanitarium on the plateau of Ramandroog in this district which have now for some years been disused, but whose upkeep forms no inconsiderable item in the military expenditure of the Ceded Districts.

2. Though the facility for sending invalids and weakly men to Wellington, due to improved railway communication and the comparatively low elevation of the Droog itself (3,100 feet), may be considered sufficiently conclusive arguments against re-establishing a convalescent depôt at that place, yet in my opinion the plateau and buildings might be used annually with great advantage and small expense in the manner indicated below.

3. The accommodation at the depôt consists, besides guard room, canteen, &c., of quarters for 68 single men, 10 married quarters, a hospital for about 16 patients, apothecary's and commissariat sergeant's bungalows.

4. By utilizing the inner back verandah of the barrack for about 20 beds, by allotting 8 of the 10 married quarters to single soldiers at four to each quarter, and by giving up two out of the three hospital wards, the accommodation would be increased to 138 men. By putting the guard into a smaller building than that allotted to them, and by using one of the store rooms as a barrack room, accommodation could probably be provided for 150 rank and file, or, with the usual deductions for sick, convalescent, or specially employed, about two companies.

3. I would, therefore, propose that, for the four hot months between the 15th or 20th February and 15th or 20th June, * two companies of the European infantry regiment should be marched up every month to the Droog and back again, remaining there about 25 days, a time sufficiently long to be a break in the tedious monotony of the hot weather, and not so long as to render the confined area of the station irksome to the men. In this way every man of the battalion would have his turn on the hill, the climate of which is from 8° to 12° cooler than that of Bellary.

6. The march would be one of three days, the distance being 38 miles, and the baggage would be conveyed at no cost by Government transport.

7. The senior medical officer, who is strongly in favor of the proposition, states that a small non-dieted hospital in charge of a medical subordinate would suffice, and the expense of this establishment, including the pay of an assistant apothecary (Rs. 140), would amount to Rs. 187-12-0 monthly. A medical officer could, however, under ordinary circumstances be spared from the station hospital at Bellary.

8. The extra cost of rations, &c., at Ramandroog, as compared with Bellary, is estimated by the Executive Commissariat Officer as about Rs. 52 monthly, chiefly due to the necessity for keeping up a separate slaughtering establishment.

9. The water-supply has been lately inspected by the Deputy Assistant Quarter Master General, and he reports that the drinking well yields about 720 gallons daily, and that water in considerable quantity and of excellent quality is yielded by some eight wells near the Government gardens, also that there appears to be the usual amount of water in the tank, and the inhabitants do not anticipate any scarcity.

10. I need scarcely observe that, should the water-supply at Ramandroog continue sufficient and should two companies be stationed there during the dry season, the effect of their removal on the limited supply for the European troops at this station would be most beneficial.

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No. 179.

Referred to the Surgeon-General, Her Majesty's Forces, for favor of opinion at an early date on the proposal made by General Gib.

(By Order,)

MADRAS, (Signed) R. C. STEWART, Brigr.-Genl.,
12th January 1885. *Quarter Master General.*

To the Surgeon-General, Her Majesty's Forces, Madras.

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From C. D. MADDEN, Esq., Surgeon-General, Her Majesty's Forces, Madras, to the Quarter Master General; dated Fort St. George, 19th January 1885, No. 21.

With reference to your endorsement, No. 179, dated 12th January 1885, on the letter from the Officer Commanding, Ceded Districts, No. S-G., of the 6th instant, herewith returned, I have the honor to inform you that the Surgeon-General has telegraphed his approval of troops going to Ramandroog in the manner suggested by that officer.

2. Besides a warrant medical officer, as suggested by the senior medical officer of the station hospital, Bellary, a commissioned medical officer will also require to reside at Ramandroog while the troops are there, and both these officers must ordinarily be obtained from the station hospital at Bellary.

3. In the event of troops going to Ramandroog in the manner suggested, it will be a question for consideration whether it will be necessary to send any more men to Wellington from Bellary for change of air. I observe that 50 men are now under orders for Wellington. If they have not already started, perhaps Ramandroog might serve their purpose.

---

From Brigadier-General W. A. GIB, C.B., Commanding Ceded Districts, to the Quarter Master General; dated Bellary, 24th January 1885, No. 30-G.

Occupation of Ramandroog during hot season by European troops.

In reply to your letter, No. 180, dated head-quarters, camp, Madras, 12th January 1885, and telegram, Madras, number 222 of 23rd idem, subject as per margin, I have the honor to submit the subjoined detailed statement of the estimated monthly expense of keeping two companies of Europeans or about 150 men on the Droog.



2. The Senior Medical Officer, Station Hospital, is of opinion that, whether a regular dieted hospital is or is not opened at the Droog, the expense will probably be about the same. In the first case the station hospital at Bellary being to a certain extent relieved, the extra servants could be spared; in the second one medical officer, one subordinate and one ward servant, which are all that would be necessary, could, he thinks, also be spared during the hot season without impairing efficiency.

3. The cost, as estimated by the Senior Medical and Commissariat Officer at this station, is as follows:—

MONTHLY EXTRA EXPENDITURE.

| | Rs. | Rs. |
|---|---|---|
| *Medical.* | | |
| One cook | 7 | |
| One puckally | 9 | |
| One sweeper | 7 | |
| | — | 23 |
| *Commissariat.* | | |
| One butcher | 8 | |
| Two coolies to assist above | 10 | |
| One cooly to fill trenches | 5 | |
| One puckally | 9 | |
| Two coolies to herd cattle | 10 | |
| Probable monthly cost of sending two maunds of bread and two maunds of vegetables by rail to Hospet daily | 30 | |
| | — | 72 |
| Total | | 95 |

4. The latter charge of Rs. 30 might perhaps be reduced slightly by establishing a system of laying out mules at stages 9 or 10 miles apart and sending the bread and vegetable rations through by night, but I have considered it better to provide for sending these articles by the more expensive route.

5. All carriage connected with this scheme would be furnished by Government transport.

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No. 393. *With report from Controller of Mily. Accounts; dated 21st Feb.* 1885, *A.*

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No. 394. ORDER THEREON, 24th February 1885, No. 1016.

The proposal of His Excellency the Commander-in-Chief is sanctioned, as an experimental measure, for the present season, with reference to Proceedings of Government, No. 795, dated 4th February 1880.

2. The Controller of Military Accounts is requested to submit, for the information of Government, on the return of the last detachment to Bellary, a statement showing the extra cost incurred under this order.

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No. 395. *To the Secretary to the Government of India, Military Department; dated 24th February* 1885, *No.* 1017.

(True Extract.)

(Signed) A. KENNEY-HERBERT, Lt.-Col.,
*Offg. Secretary to Government.*

To the Quarter Master General.
" Commissary-General.
" Surgeon-General, Her Majesty's Forces.
" Controller of Military Accounts.
" Adjutant-General, for information.
" Public Works Department.

Exd. E. C. Shunker.

P.W.D.

# Govt. of Madras. 1885

MILITARY.

To

THE QUARTER MASTER GENERAL,
&c., &c., &c.

*Dated February, 24th.*

*Issued*

*Read.* *Encl.*

**G.O., 24th February 1885, No. 1016.**

FEBRUARY.
Nos. 392—395.

**Distribution of Army—**
**British Army.**

*Ramandroog.*—Proposal to send by turns two companies of the British regiment at Bellary to — sanctioned tentatively for the present hot season, and the Controller of Military Accounts requested to submit a statement of the extra cost incurred thereby.

GOVERNMENT OF MADRAS.

## MILITARY DEPARTMENT.

24th November 1885, No. 6664.

**Sanitary.**

Read the following papers :—

No. 349. *From Colonel C. CARTER, Controller of Military Accounts, to Lieut.-Colonel A. KENNEY-HERBERT, Officiating Secretary to Government, Military Department ; dated Fort St. George, 26th October* 1885, *E.*

As directed in Order of Government, No. 1016, dated 24th February 1885, I have the honor to submit a statement showing the cost incurred by Detachments (two Companies at a time) of the European Regiment stationed at Bellary occupying the barracks at Rámandrug during the hot weather of the current year.

2. The cost, Rs. 670, falls within the amount provided in the current year's budget for the upkeep of the depôt for four months in the year.

3. The early orders of Government are solicited as to whether it is intended to continue the experiment of sending Detachments to Rámandrug during the hot season, in view to provision being made accordingly in the ensuing year's budget estimate.

*Statement showing the extra expenses incurred on account of Detachments of the British Regiment stationed at Bellary occupying the Barracks at Rámandrug during the hot weather of* 1885.

| Description of Charges. | Amount. Rs. | A. | P. |
|---|---|---|---|
| Travelling allowance to Roman Catholic Chaplain ... ... | 36 | 8 | 0 |
| Mileage to Commissariat Sergeants ... ... ... ... | 7 | 0 | 0 |
| Travelling and staff allowance to medical subordinates ... | 43 | 4 | 6 |
| Command allowance to Commissariat Sergeant ... ... | 91 | 2 | 10 |
| Difference between the Bellary and Rámandrug rates for the supply of beef, mutton, and firewood from 18th March to 16th June 1885 ... ... ... ... ... ... ... | 114 | 4 | 6 |
| Cost of dryage and wastage of potatoes, onions, sugar, rice, and salt in transit from Bellary to Rámandrug, and by daily retail issues at the latter station ... ... ... ... | 15 | 6 | 5 |
| Cost of half and quarter rations issued at Bellary to wives and children of soldiers who proceeded to Rámandrug ... ... | 13 | 15 | 2 |
| Cost of leather bags or packals for conveying water to the Droog, and of oil, &c., for greasing the same ... ... ... | 27 | 12 | 0 |
| Cost of straw for stuffing the bedding in use with the Detachments ... ... ... ... ... ... ... ... | 24 | 13 | 3 |
| Cost of pack saddles made up for conveying water at Rámandrug ... ... ... ... ... ... ... ... | 10 | 8 | 0 |
| Hire and repair of a cart in use with the Detachments at Rámandrug ... ... ... ... ... ... ... | 1 | 0 | 0 |
| Hire of coolies employed at Rámandrug, Hospet, and Collaly. | 232 | 10 | 4 |
| Cost of twenty-four mule panniers purchased for conveying ration articles, &c., to Rámandrug, less their present approximate value ... ... ... ... ... ... ... | 45 | 13 | 0 |
| Hire of publishing by beat of tom-tom notices calling for tenders for supplies at Rámandrug ... ... ... ... | 1 | 8 | 0 |
| Difference between the Bellary and Rámandrug rates of rice compensation for bearers ... ... ... ... ... | 4 | 12 | 7 |
| Total ... | 670 | 6 | 7 |

(Signed) C. CARTER, Colonel,
*Controller of Military Accounts.*

No. 6083.

Referred to the Provincial Commander-in-Chief for favor of early report, in communication with the Surgeon-General, Her Majesty's Forces, Madras.

(By Order.)

FORT ST. GEORGE, *2nd November* 1885. (Signed) A. KENNEY-HERBERT, Lt.-Col., *Offg. Secretary to Government.*

To the Quarter Master General.

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No. 350. *From Brigadier-General R. C. STEWART, Quarter Master General, to Lieutenant-Colonel A. KENNEY-HERBERT, Officiating Secretary to Government, Military Department; dated Fort St. George, 9th November* 1885, *No. 321-T.*

In returning the correspondence received with G.O., No. 6083, of 2nd instant, I have the honor, by desire, to submit a report by the Officer Commanding, Ceded Districts, on the experiment of sending British Troops to Rámandrug during the hot weather of 1885, and his recommendation that the measure be repeated during the season of 1886.

2. The Provincial Commander-in-Chief concurs in this, and hopes that Government will give their consent to the necessary expenditure which General Gib does not anticipate will be more than last year.

3. It is requested that the application for another filter for each building, as recommended in para. 5 of General Gib's letter, may be approved.

4. The cost of the recommendations made in para. 6 for improvement to the skittle alley and the fives' court, and the construction of a cricket pitch has been called for and will be submitted hereafter.

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From Brigadier-General W. A. GIB, C.B., Officer Commanding Ceded Districts, to the Quarter Master General; dated Bellary, *30th June* 1885, *No. 116-G.*

Agreeably with the instructions conveyed in your No. 745-A., dated 2nd March 1885, I have the honor to report as under on the results attending the occupation of Rámandrug during the past hot weather. In arriving at the following opinions I have been guided by a very exhaustive report furnished by the Medical Authorities, which I have the honor to attach as an appendix, by my own personal observation of the place, the climate, and the appearance of the last Detachment as they arrived in Bellary from the Droog (the other two Detachments returned when I was on privilege leave), and the opinion of the Officer Commanding the 2nd Bedfordshire Regiment.

2. *Health and Physique of the men.*—My inspection of the last Detachment on arrival confirmed the opinion I had formed from other sources as to the benefit derived by the men from the march to and fro and residence for nearly four weeks in a climate so superior to that of Bellary, where out-door exercise is possible and enjoyable even at the hottest time of the year. The men looked in excellent condition, and the Officer who commanded them said that they liked the Droog and were sorry to leave it.

3. The Medical Officer, Surgeon Macnamara, who was in medical charge of all three parties, speaks very strongly of the marked benefit accruing to the men from their visit to Rámandrug, and says that the majority of them seemed to like it; but the Officer Commanding the Battalion (Colonel Wetherell) thinks that the time spent on the hill is too short to effect much improvement in the physique of the men, though he is of opinion they take more exercise there than at Bellary, and he also thinks it is unpopular. I am inclined to agree with him that to many of the men removal from the vicinity of a large bazaar is a real grievance, and I have heard that Wellington is by no means a popular station amongst soldiers on that account, but I think that a few more out-door amusements would reconcile all but a very small proportion, and even that small number would be benefited by removal from the attractions of the bazaars by the march up and down and by the better climate while there. In fine the experiment has in my opinion fulfilled all the expectations expressed in my letter, No. 3-G., dated 6th January 1885, and I would recommend its occupation during the ensuing hot months.



4. I do not anticipate any great excess, if any, on the estimated extra cost as given in my letter, *No. 30-G.*, dated *24th January* 1885, viz., Rs. 95 per mensem, but as this will be reported on by the Controller of Military Accounts, I would only observe that the scheme must be credited with a sum of Rs. 509-13-11 saved from the estimated amount for punkah-pulling for 1885 for the British Regiment here by the removal to Rámandrug for three months of 150 men.

5. I quite concur with Surgeon Macnamara in his remarks about the insufficiency of filters, and application should be made for at least one extra filter, as the buildings are scattered and the present scale only contemplates regular compact barracks.

6. The recommendations of the same officer for the improvement of the skittle alley and floor of the fives' court would be inexpensive and afford much amusement to the men; parallel bars might be re-erected and a horizontal (portable) bar could probably be lent by the regimental gymnasium. A cricket pitch could also be arranged at small cost.

7. With regard to the Government gardens, it might be well worth trying the experiment during the next occupation, and then, if found successful, the gardens might be permanently maintained for the use of the troops in Bellary, who are, like every one else in this station, very badly off for vegetables.

8. The behaviour of the men while on the Droog was very good.

9. A report on the signalling between Bellary and Rámandrug accompanies this letter.

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Annual Sanitary Report of the Detachment, 2nd Bedfordshire Regiment, Rámandrug, from the 18th March to the 17th June 1885.

*Physical Geography and Geological Formation.*—Rámandrug (the former sanitarium of the Madras Presidency) is situated on a plateau about two miles in circumference and over 3,000 feet above sea level.

It is easily approached by good roads, and is distant 38 miles from Bellary, and about 14 miles from Hospet, the nearest Railway Station.

*Soil.*—The soil which is very superficial in parts is gravelly and of the same composition as its substratum of iron-stone, which is evidently of volcanic origin. Various colored clays and clay-slate crop out here and there on the mountain side.

*Vegetation.*—The vegetation is luxuriant especially around the old Government gardens, where all kinds of fruit and vegetables thrive, and in the centre of which is a small tank. The forests around are under Government supervision.

A considerable amount of undergrowth had sprung up around barracks since they were last occupied, but this was all cleared away, and the long jungle grass cut down by the Quarter Master General's Department previous to the arrival of the troops.

*Climate.*—The climate compared with that of Bellary was about 10° cooler all through. The temperature in the shade ranged from 68° at night to 84°, the maximum registered by day.

There were occasional showers up to about the 1st of June, when the South-west monsoon set in with sand-storms, dense mists during the night and early morning, usually followed by heavy showers and fine, often cloudy, days. Although the jungle round abounded in musquitoes, yet there were none visible on the plateau, but the eye flies were at times troublesome.

*Water-supply.*—The water-supply was derived from two perennial springs close to each other, and situated about quarter of a mile down the western side of ghât.

The water from the nearest one being the better of the two was reserved for drinking and cooking, and the other for ablution purposes.

The supply was ample and of good quality and was conveyed to barracks by bheasties.

It got somewhat hazy after heavy rain and a slight taste of iron was perceptible.

Two Macnamara filters were in use.

*Barracks.*—By utilizing all available space in barracks, in addition to the hospital and married quarters, there was sufficient accommodation for 150 men.

These three buildings, which are about 50 yards apart from each other, are sufficiently raised from the ground, are properly ventilated both at the roof and by doors and windows, and are open on all sides to the prevailing winds.

*Latrines and Urinals.*—One large latrine between the barracks and married quarters was in use, and was conducted on the dry earth system. The night soil was removed twice daily to a filth pit about quarter of a mile away and covered in daily with earth.

The urinals (iron receptacles) were distributed near each building. They were properly tarred and were emptied twice daily over the edge of the cliff some distance behind barracks, where there is a sheer drop almost down to the plain.

*Baths and Lavatories.*—There are two bath houses close behind barracks, and the passage leading to the hospital latrine was temporarily converted into a lavatory. Some half casks

were also placed near the lower spring, but these did not seem to have been resorted to by the men.

*Cooking.*—The accommodation was sufficient. The ordinary copper utensils were used and tinned twice monthly.

*Coffee shop* was conducted by a native. The articles sold were fairly cheap and of good quality, but the stock too limited. Fresh vegetables and fruit, viz., plantains and mangoes could sometimes be obtained there on payment.

*Games and Exercises.*—One of the married quarters was converted into a recreation and reading room. The old gymnasium and skittle alley have fallen into disrepair. The principal out-door amusements indulged in were fives, rounders, athletic sports and shooting excursions.

*General.*—The general sanitary condition both inside and outside all the buildings was highly satisfactory, as were also the camping grounds on the line of march.

*Rations.*—The rations were of the usual kind and of good quality, especially the meat.

Fresh vegetables were obtainable on purchase occasionally, as also were mangoes in the seasons.

(Signed) W. J. MACNAMARA, M.D., Surgeon,
*In Medl. Charge of Detachmt., Rámandrug.*

No. 41.

Forwarded to the Assistant Adjutant-General, Bellary.

(Signed) J. JAMESON, M.D.,
*Brigade Surgeon.*

*24th June* 1885.

No. 739.

Transferred to the Deputy Assistant Quarter Master General, Ceded Districts, for disposal.

(Signed) G. E. WESTON, Lt.-Col.,
*Dy. Asst. Adjt.-Genl., Ceded Districts.*

*27th June* 1885.

Report of Medical transactions and prevailing diseases of the Detachments, 2nd Bedfordshire Regiment, Rámandrug, from the 18th March to 17th June 1885.

*Hospital.*—The apothecary's house was converted into a hospital. It consisted of three good-sized airy rooms with kitchen and bath room attached. It was non-dieted and there was sufficient accommodation for five patients.

*Average Strength.*—The average strength during the period was 142. There were two reliefs, one on the 22nd of April, another on the 20th May.

*Health of Troops.*—The health of the troops was very good. The percentage of admissions was 6·1, and contrasts favorably with that for the same period at Bellary, viz., 8·2.

This difference no doubt was principally owing to change from the heat and monotony of barrack life in Bellary, but also to the increased amount of open-air exercise indulged in both on the march and during the stay at the Droog, which averaged about 28 days for each Detachment.

*Prevailing Diseases.*—As there was but one small village, consisting of a few thatched huts on the plateau and consequently no bazaar, the opportunities of obtaining alcoholic drinks from outside and also of contracting venereal disease were considerably diminished.

*Venereal Disease* still, and of a total of 26 admissions, five were for *primary syphilis*. Two of these were traced to a Native woman, who was immediately expelled from the village by the cotwall. The other three probably laid the seeds of the disease in Bellary prior to starting.

*Gonorrhœa.*—*Gonorrhœa* accounts for two admissions, one a relapse, the other could not be traced.

*Orchitis and Inf. Ing. Glands.*—There were three cases of *orchitis* and three of *Inf. Ing. glands*, all due to accident.

*Digestive System.*—*Dysentery* caused four admissions, one case was severe and had to be re-admitted, the other two were mild. In none was the disease contracted at the Droog.

*Fevers.*—*Fever* was not prevalent, as only one case of febricula occurred.



*Suggestions.*—In case the Droog should be opened again next year I beg to suggest a few improvements which, I think, would be inexpensive and add materially to the comfort and amusement of the men.

(1) That three filters, one for each building be sent up, instead of two.
(2) That the skittle alley and floor of the fives' courts be repaired, and that either permanent or perhaps better portable parallel and horizontal bars be placed on the site of the old ones. A cricket pitch is much wanted.
(3) That the Government gardens be again worked, so that the troops both at the Droog and Bellary may now and again get some fresh green vegetables which are so indispensable to their health.

*Concluding Remarks.*—In conclusion I beg to recommend most strongly that the troops be sent to the Droog again next year, as it affords a most convenient and healthful resort during the hot season. The majority of the men seemed to like the place, and the good effects of the change on their general health and physique was well marked.

BELLARY, (Signed) W. J. MACNAMARA, M.D., Surgeon,
*24th June* 1885. *Medical Staff.*

No. 43.

Forwarded to the Assistant Adjutant-General, Bellary.

(Signed) J. JAMESON, M.D.,
*Brigade Surgeon.*

*24th June* 1885.

No. 740.

Transferred to the Deputy Assistant Quarter Master General, Ceded Districts, for disposal.

BELLARY, (Signed) G. E. WESTON, Lt.-Col.,
*27th June* 1885. *Dy. Asst. Adjt.-Genl., Ceded Districts.*

No. 116-C.

Report on Visual Signalling between Bellary and Rámandrug to accompany the report on the occupation of that station in 1885.

During the occupation of Rámandrug in the hot weather of 1885 a signalling service between these places, composed of European and Native soldiers, was organized and established.

To ensure uniformity and prevent hitches at starting, the signallers were practised together for ten days previously by Lieutenant Radcliff, 25th Madras Infantry, who was appointed Officer in charge of Signalling.

To communicate between Bellary and Rámandrug, a distance of about 30 miles as the crow flies, necessitated the employment of two terminal (the roof of Lieutenant Radcliff's house in Bellary and some high ground about 150 yards north of Hurricane Hall at Rámandrug) and one intermediate station at Toomti, a village about 8 miles from Bellary and 22 from Rámandrug, situated on the Copper mountain range which, lying as it does between the terminal stations, obstructs the direct view and renders the third station necessary. Even had it been possible to work direct, the distance, 30 miles, would have rendered signalling in all but the clearest weather an impossibility, and the number of non-working days would have been greatly increased. As it was the 22 miles between Toomti and Rámandrug were difficult to work through in thick weather, and it was contemplated at one time establishing a fourth station at Yettinhutti, thus dividing the whole line into three sections of nearly equal lengths, but as this would have necessitated the employment of eight men in a place difficult to procure provisions at, and, moreover, reduced the very scanty working pay available for the men, the work continued to be done with only one intermediate station.

The strength of the various parties was—

| | | | | |
|---|---|---|---|---|
| Bellary | ... | ... | ... | 1 Naigue, 3 Sepoys, 25th Madras Infantry. |
| Toomti | ... | ... | ... | 1 " 7 " " " " |
| Rámandrug | ... | ... | ... | 1 Corporal, 3 Privates, 2nd Bedford. |

As the Ordnance Department were unable to supply the instruments and apparatus generally of the nature and to the amount required, Major Begbie, Signalling Instructor, Bangalore, was good enough to issue on loan four heliostats, two "B" lamps, two "C" lamps, four large flags, and four telescopes.

The stations were thus equipped—

| *Bellary.* | *Tuma.* | *Ramandrug.* |
|---|---|---|
| 1 Heliostat. | 2 Heliostats. | 1 Heliostat. |
| 1 "B" lamp. | 1 "B" lamp. | 1 "C" lamp. |
| 1 Telescope. | 1 "C" lamp. | 1 Telescope. |
| 1 Large flag. | 2 Telescopes. | 1 Large flag. |
| 1 Cryptograph. | 2 Large flags. | 1 Cryptograph. |
| 1 Time piece. | 1 Penknife. | 1 Penknife. |
| 1 Penknife. | Stationery. | Stationery. |
| Stationery. | | |

*Work done.*—There were sent by heliostat 8,440 and by lamp 1,366 words, making a total of 9,806 words, contained in 270 messages, thus classified—

| | |
|---|---|
| For Executive Commissariat Officer ... ... ... ... ... | 32 |
| „ Deputy Assistant Quarter Master General ... ... ... | 6 |
| „ „ „ Adjutant-General ... ... ... ... | 4 |
| „ Medical authorities ... ... ... ... ... ... | 2 |
| „ Officer Commanding, Bedford-shire Regiment ... ... ... | 28 |
| | 72 |
| „ Private individuals ... ... ... ... ... ... ... | 198 |
| | 270 |

These 270 messages account for 5,673 words; the remaining 4,133 words were used in sending daily the more important telegrams from the Madras Mail.

For these there were ten subscribers at 2 rupees per mensem.

*Working hours.*—The hours for receipt and despatch of messages were—

By day, 9 A.M. to 1-30 P.M.,
„ night, 7-30 P.M. to 9 P.M.,

on Sundays only the telegrams from the paper were sent.

*Charges.*—The charge was for the first eight words or eight groups of three figures each 4 annas.

For each succeeding word or groups of three figures ½ anna.

The statement of accounts is subjoined—

| *Receipts.* | Rs. | A. | P. | *Expenditure.* | Rs. | A. | P. |
|---|---|---|---|---|---|---|---|
| For April and part March ... | 52 | 0 | 0 | Working pay, 16 men, at Rs. 2-8-0 | 40 | 0 | 0 |
| „ May and part June ... ... | 56 | 0 | 0 | at „ 3-0-0 | 48 | 0 | 0 |
| Deficient made good by the Brigadier-General. | 12 | 0 | 0 | Transport of instruments ... ... | 15 | 0 | 0 |
| | | | | „ „ ration to Toomti ... | 6 | 0 | 0 |
| | | | | Repair of instruments ... ... | 6 | 0 | 0 |
| | | | | Oil, wicks, &c. ... ... ... | 5 | 0 | 0 |
| | 120 | 0 | 0 | | 120 | 0 | 0 |

From the above it will appear that the amount of private work is insufficient to remunerate the signallers at the very low rate of Rs. 5-8-0 for nearly three months' work, and it is recommended that in future, should Rámandrug be occupied and sigmalling started, all public messages may be allowed to be sent "on payment," recovering in the usual manner by contingent bill. By this means a sufficient fund would be raised to meet the expenditure.

*General Remarks.*—On six days work was entirely interrupted by day and night, owing to clouds, rain, and wind, and on seven, work was very slow, owing to constant interruption by clouds after 11 A.M.

To the zeal and energy of Lieutenant Radcliff, 25th Madras Infantry, who was in charge of signallers is entirely attributable the satisfactory working of the signalling throughout. The conduct of the men, both of the Bedfordshire and the 25th who formed the parties, was excellent, and all ranks performed what were some times heavy duties cheerfully.

BELLARY,
*30th June* 1885.

(Signed) W. A. GIB, Brigdr.-Genl.,
*Commanding, Ceded Districts.*

To the Quarter Master General.

No. 1623-B.

Referred to the Surgeon-General, Her Majesty's Forces, for favor of remarks.

OOTACAMUND,
*16th July* 1885.

(Signed) D. J. S. McLEOD, Major,
*Dy. Quarter Master General.*



From J. IRVINE, Esq., M.D., Surgeon-General, Her Majesty's Forces, Madras, to the Quarter Master General; dated Ootacamund, 22nd July 1885, No. 230.

With reference to your No. 1623-B. of the 16th July 1885, enclosing the correspondence as per margin regarding the use of Ramandrug as a sanitarium, I consider the results as reported by Brigadier-General Gib, C.B., and Surgeon Macnamara as very satisfactory, and hope that sanction will be obtained for a further trial during next hot weather.

Letter No. 116-G. of 20th June 1885, from Brigadier-General W. A. GIB, C.B., Commanding Ceded Districts, to the Quarter Master General, Ootacamund, with three enclosures.

2. I agree with the Officer Commanding the 2nd Bedfordshire Regiment that the period the men remained there was too short, and consider that the change would be more beneficial to their health if it was for a period not less than six weeks.

3. If Surgeon Macnamara's suggestions regarding accessories, &c., are carried out the stay in the Droog will be less irksome, and they would continue to make the men take more exercise in the open air.

4. The cultivation of the garden might, with great advantage, be carried out by the men during their stay. Such a garden near Bellary, if properly worked, would be of considerable use to that station, where the supply of good vegetables has always been restricted.

No. 351. ORDER THEREON, 24th November 1885, No. 6664.

The Right Honorable the Governor in Council is pleased to sanction the experiment, of sending British Troops to Ramandrug, being repeated next hot season.

2. The additional filters applied for are also sanctioned.

No. 352. *To the Secretary to the Government of India, Military Department, dated 24th November 1885, No. 6664.*

(True Extract.)

(Signed) A. KENNEY-HERBERT, Lt.-Col.,
*Offg. Secretary to Government.*

To the Quarter Master General.
„ Adjutant-General.
„ Surgeon-General, Her Majesty's Forces, Madras.
„ Commissary-General.
„ Controller of Military Accounts.
„ Public Works Department.

Exd. E. C. Shunker.

P. W. D.

No. 2853 W/ Decr 1st 1885

# Govt. of (1885) Madras.

MILITARY.

To
THE QUARTER MASTER GENERAL,
&c., &c., &c.

Communicated

to the Supdg. Engineer

III Circle.

(Signed) J.H.

Dated November, 24th.

Issued

Recd. Encl.

G.O., 24th November 1885, No. 6664.

No. 2853 W/ Decr 1st 1885

NOVEMBER.
Nos. 349—352.

S. E. III Circle

**Sanitary.**

*Rámandrug.*—Repetition of the experiment of sending British Troops to — next hot season, sanctioned, also the additional filters required for the barracks at that station.

With order

---

1885 12/220

P. W. DEPARTMENT.

Current No. 10688.

From The Military Dept

ENCLOS.—

No. 7017.
Dated 9-12-85
Received 10-12-85

SUBJECT.

Transferring, with approval, letter from the Quarter Master Genl forwarding estimate for repairs to Skittle Alley & Fives' Court at Ramandroog and requesting to provide funds at an early date.

DISPOSAL.

No. 2135 Dated 12th December

Forwarded to the Sup. Engineer, III Circle for countersignature if approved.

(sd) Dir. S.W.

Draw
14/12 N. 12/12/85

---

QUARTERMASTER-GENERAL'S OFFICE,
~~Ootacamund~~

...ey and Fives Courts
...

No 2853 W.G. Dec. 1st 1885

Communicated

to the Supdg. Engineer

III Circle.

(Signed) J.H.

S.E. III Circle

No 2853 W. of 1-12-85
490 W of 4-3-85
302 W of 9-2-85

P.W.C. No. 10888

13/220

D.W.

Subject to your approval this estimate must be submitted to S.E. III. for his countersignature in the event of his approving it.

B.H.
11/12/85

yes
L
11/12/85

Quartermaster-General's Office,

~~Ootacamund,~~

Street Alley and Tree Courts being

1. 2853 ~~Hd~~. Decr 1st 1885

Communicated

to the Supdg. Engineer

III Circle.

(Signed) J.H.

S. E. III Circle

Estimate. – Repairs

QUARTERMASTER-GENERAL'S OFFICE,

~~Ootacamund,~~

14/22

Bangalore, 7th December 1885

No. 554. T.

From

THE QUARTERMASTER-GENERAL,

To

THE SECRETARY to GOVERNMENT,

MILITARY DEPARTMENT.

SIR,

With reference to para 4 of this Office letter No 321. T. of the 9th Ultimo, recorded in O.G. No 6664 of the 24th Idem, I have the honor by order, to forward for sanction and transfer to the Public Works Department for disposal, the below mentioned estimate, which has been approved by the Provincial Commander-in-Chief. The estimate has been countersigned.–

Estimate amounting to Rs 2050/- for repairing the Skittle Alley and Fives Court at Ramandroog.–

2. General Rowlands hopes it will be possible to provide funds at a very early date for carrying out the repairs, so as to admit of the Skittle Alley and Fives Courts being

being used by the troops proceeding
to Ramandroog next hot season.-
I have the honor to be,
Sir
Your obedient Servant.

Westwood Brigde Genl.
Qr. Mr. General.

15
220

Military (188 ) Department.

No. 7484

From

THE QUARTERMASTER-GENERAL,

To

THE SECRETARY TO GOVERNMENT,

MILITARY DEPARTMENT.

No. 554 J.

Dated 7th } Decr
Recd. 9 }

P. W. Dept.
To be returned with reply.

ENCLOSURES. 1.

Garrison's Estimate for Repairing Skittle Alley and Fives Court at Ramandroog. —

Rg No. 642 W / 1555/86

p. 2

No. 7017. Approved and transferred to the Public Works Department for disposal.

(By order)

A. Romney Herbert Lieut. Col.
Offg. Secy. to Government.

Fort Saint George, } 9th December 1885 }

Chepauk 12th Decr/85
No. 2135 C

Forwarded to the Supdg Engr III Circle for Countersignature, if approved.

By order

G. E. Campbell Capt. R.E.
Under-Secretary to Govt, P.W.D.

11/12

Write disposal

---

SUPERINTENDING ENGINEER'S OFFICE,

No. 2069

1/- / 220

Camp [illegible]

~~MADRAS~~
~~Chepauk~~, 1st January 1886.

From Lieut Col H. M. Vibart R.E.
~~THE~~ SUPERINTENDING ENGINEER,
~~1st~~ III CIRCLE,

p. 3

To

THE Chief Engineer
P.W. Department
Madras

Enclosures. 3
original endorsement No 2135 C
Detailed Estimate
Abstract — Do —

SIR,

With reference to your endorsement No 2135 C dated 12th December 1885, I have the honor to return countersigned the Estimate of Rs 2050 for repairing the Skittle Alley and Fives Court at Ramandroog.

2. I further beg to report that I have authorized the Executive Engineer to commence the work in anticipation of sanction of the Estimate, as the repairs should be completed before the Depot is occupied by the Troops during the coming hot season.

I have the honor to be
Sir
Your most Obedient Servant
H. M. Vibart Lieut Col R.E.
Superintending Engineer 3rd Circle

The Superintending Engineer,

III 1st Circle.

To

The Chief Engineer
P.W.D
Madras

Dated 18 } January 1886.
Read. }

Enclosures. 5

No. 2069

Shuttle alley and Stone Court at Ramandroog.

Returning the Estimate for Rs2050 countersigned for

22/1/86

Asst. Secretary to Govt. P.W.D

11/12

No 220 87

PUBLIC WORKS DEPARTMENT.

## PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the January 26 1886

READ the following

From the Quarter Master General. No. 554 T. dt 7th December 1885.
Endorsement by the Military Dpttt. No. 7017 dt 9th December 1885.
From the Supty. Engr. III circle. No. 2019 dt 18th January 1886

The estimate amounting to Rs. 2,050, for repairing the Shuttle Alley and Stone Court at Ramandroog, is sanctioned against the lumpsum grant to the Bellary Division under Military Repairs.

2. This sanction has been registered as Imperial Ordinary No. 61 of 1885-86, and classified as Military Repairs.

25/1/86

To The Supty. Engr. III Circle with 3 enclos.
" Examiner of P.W. Accts with the general abstract estimate for note & return to S. E. III
" Military Department

Map

26.1.86

Govt. of Madras
PUBLIC WORKS