(1) Number of pages 10+10=20

(2) Date of repair 20-X-87

(3) Initials of the Referencer

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Public Works DEPARTMENT

G.O. No. 1843. W
B.P. No.

Press.
~~Mis.~~

Dated 8-8-1885 ~~198~~.

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Archives 1--10,006 1 -80.

1843.W
1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

Read—the following letter from Brigadier-General R. C. STEWART, Quartermaster-General, to the Secretary to Government, Military Department, dated Ootacamund, 18th July 1885, No. 1655 B:—

I am directed by His Excellency the Commander-in-Chief to submit, for the sanction of Government, a revised estimate, amounting to Rs. 11,130, for repairs to the fort at Bellary, in supersession of the estimate for Rs. 6,285 which was sanctioned by Government in proceedings of Government, No. 4054, dated 23rd July 1883.

2. The necessity for the excess expenditure, which this revised estimate contemplates, is explained in the letter from the Superintending Engineer, No. 707, dated 30th June 1885, which accompanies this estimate.

No. 3954, Military.

Approved and transferred to the Public Works Department for disposal.

(By Order.)

Ootacamund,
20th July 1885.

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

Order—dated 8th August 1885, No. 1843 W., Public Works.

The revised estimate, amounting to Rs. 11,130, for repairs to the lower fort at Bellary, is sanctioned in supersession of the sanction of Rs. 6,285 conveyed in G O., No. 1919 W., dated 9th July 1883.

2. The cause of the excess over the original estimate is explained in the Superintending Engineer's report.

3. This sanction has been registered as Imperial, Ordinary, No. 29 W. of 1885-86, and classified as Military, Repairs.

4. Form No. M. 203 should have accompanied the estimate. The Superintending Engineer will forward the same, duly filled in, to the Examiner of Public Works Accounts.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, III Circle, with two enclosures.
,, Examiner, Public Works Accounts, with duplicate abstract estimate.
,, Military Department.

Exd. E. Fernandez.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of (1885) Madras.

PUBLIC WORKS.

Dated August, 8th.

Recd. *Encl.*

G.O., 8th Aug. 1885, No. 1843 W.

AUGUST.

Lower Fort at Bellary

Revised estimate for repairs to the — sanctioned.

1843/2

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

Read—the following paper :—

G.O., dated 25th June 1883, No. 3576, Military.

Read—the following papers relating to certain repairs to the Fort of Bellary : —

From the Public Works Department, No. 869, dated 17th April 1882.
From the Quartermaster-General, No. 812, dated 10th August 1882.
Reference Order to Departments, No. 4283, dated 12th August 1882.
From the Quartermaster-General, No. 10100, dated 12th December 1882.

From Colonel R. C. STEWART, Officiating Quartermaster-General, to the Secretary to Government, Military Department, dated Ootacamund, 15th June 1883, No. 380.

With reference to the correspondence and orders of Government quoted in the margin, I have the honor, by order of His Excellency the Commander-in-Chief, to forward, for the sanction of Government, the following plans and estimates for carrying out the repairs to the Fort of Bellary :—

Quartermaster-General's letter, No. 812, dated 10th August 1882.
O.G., No. 4283, dated 12th August 1882.
O.G., No. 6147, dated 15th November 1882.
Quartermaster-General's, letter, No. 10100, dated 12th December 1882.

I. Plan and estimate, amounting to Rs. 6,285, for repairing the escarp and counterscarp of the Lower Fort at Bellary ; for making good the walls of the Upper Fort ; for supplying new gates to both Forts, &c.

II. Two plans and alternative estimates, one amounting to Rs. 313 and the other amounting to Rs. 575, for constructing a light foot-bridge across the northern portion of the Lower Fort ditch.

2. In respect to these alternative estimates, the Officer Commanding Ceded Districts suggests that the one amounting to Rs. 575 be approved, as providing for work more durable and economical in the end, and His Excellency accordingly recommends that the same may be sanctioned by Government.

3. A letter from the Officer Commanding Ceded Districts on the subject is enclosed for the information of Government.

No. 101, dated 15th May 1883.

ENCLOSURE.

From Colonel H. C. B. BARNETT, Commanding Ceded Districts, to the Quartermaster-General, dated Bellary, 15th May 1883, No. 101.

I have the honor, in reply to your No. 867, dated 17th August 1882, and reminder, No. 3612 of the 12th instant, to forward, herewith, an estimate for repairing the escarp and counterscarp of the Lower Fort; for making good the walls of the Upper Fort; for supplying new gates to both Forts; and for several minor services, such as destroying trees, repairing embrasures, &c., amounting to Rs. 6,285, and two alternative estimates for constructing a light foot bridge across the northern portion of the Lower Fort ditch, amounting to Rs. 313 and 575 respectively.

2. The first-mentioned estimate was prepared by the Executive Engineer on the basis of instructions given him by Lieutenant-Colonel Thompson, R.E., Superintending Engineer, who had inspected the Fort in company with Major-General Prendergast.

3. To the works considered necessary by these officers, the Executive Engineer added another defensive line of works near the base of the rock; but, after careful consideration, the Superintending Engineer, Major Clarke, R.E., and the Deputy Assistant Quartermaster-General, Captain Henry, R.E., recommended that, so far from attempting to create a new defensive line, it would be highly advantageous to destroy portions of existing works on the hill side, which would give successive safe breathing places to an enemy attempting the assault of the Upper Fort and citadel.

4. The return of the estimate for revision in accordance with the recommendations of these officers has, I regret, been one of the causes of delay in forwarding this report.

5. It will be observed that the revised estimate, which cutting out the proposed repairs to the Barbican gateway and the new defensive line to the northward does not provide for the demolition of certain old defensive works originally intended to dispute the passage upwards step by step, a demolition recommended by the Superintending Engineer and Deputy Assistant Quartermaster-General; but the stone which would be obtained by the removal of such of these works as interfere with the command of the approaches by the defenders of the Upper Fort would supply stone for covering the gates of the Lower Fort from the enemy's artillery fire (a service provided for in the estimate), and at a cheaper rate.

6. I also think that the provision of reserves of stone to block the gates of the Upper Fort and citadel is scarcely necessary, as, owing to their height above the plain and their being fairly covered, such a precaution would not, in their case, be necessary.

7. This would reduce the estimate by about Rs. 100.

8. As regards the two estimates for providing passage across the northern ditch of the Lower Fort, the Superintending Engineer states that the structure provided for in the cheaper estimate (Rs. 313) is, in his opinion, "unsightly and not likely to prove economical in the long run," and "that he has designed another, which he feels confident will, or should, last a long time, and could be easily removed in case of a siege. The trussed girders will require no intermediate support, and the structure is calculated to carry a much heavier load (moving) than could ever be brought to bear on it, as it is only intended for foot-passengers." The passage in question is very convenient for the employés of the Commissariat Department, as the buildings and stores of that department lie inside, and the transport lines outside, the Lower Fort, and communication by the eastern gate is circuitous and long.

9. At present the counterscarp and escarp being broken down, two rough ramps into and out of the ditch afford passage for men and cattle.

10. There is a postern door (now closed) in the escarp at the bottom of the ditch near the present breach, but the entrance to this from the ramparts would be down a flight of steps, and a similar stair would have to be provided in the counterscarp.

11. No provision has been made for clearing away prickly-pear, which fills the greater part of the bottom of the ditch, as Major-General Prendergast and the different Engineer Officers who have examined the Fort consider it as a valuable addition to the defences.

12. I do not think that the appearance of the different bridges is of much importance, as the sight is far removed from any public thoroughfare.

Order—dated 25th June 1883, No. 3576, Military.

The estimates, amounting to Rs. 6,285 and Rs. 575, respectively, are approved.

2. The Quartermaster-General's letter, No. 380, dated 15th June 1883, with enclosures, will be transferred to the Public Works Department for necessary action.

(True Extract.)

(Signed) E. L. HANKIN, Colonel,
Secretary to Government.

1843/3

ORDER—dated 9th July 1883, No. 1919 W., Public Works.

The undermentioned estimates are sanctioned as follows:—

	Amount of Estimate. RS.	Register Number.
(a.) Repairs to the Lower Fort at Bellary.	6,285	Registered as Imperial Ordinary No. 19 W. of 1883-84 and classified as Military Repairs.
(b.) Constructing a light foot-bridge across the Fort trench.	575	Registered as Imperial Ordinary No. 20 W. of 1883-84 and classified as Military Original Works.

2. The first work will be carried out from the Military Repair Grant and the second from the Minor Works Grant to the Bellary Division.

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, Third Circle, with twelve Enclosures.
„ Examiner, Public Works Accounts.
„ Military Department.

Exd. A. F. Goodall
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of (1883) Madras.

PUBLIC WORKS.

Dated July, 9th.

Recd. *Encl.*

G.O., 9th July 1883, No. 1919 W.

JULY.

Lower Fort, Bellary

Estimates for repairs to the — and construction of a foot-bridge across the trench, sanctioned

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SUPERINTENDING ENGINEER'S OFFICE,
3rd CIRCLE

No. 707.

1843

Bellary 30th June 1885

From
Lt Col H. M. Vibart R.E.
SUPERINTENDING ENGINEER,
IIIrd CIRCLE,

To,
The Dy Asst Qr Mr Genl
Ceded Districts
Bellary

Enclosures (3)
1 Detailed estimate
1 Comparative Statement
1 Revised Abst. Estimate in duplicate.

Sir,

I have the honor to forward for approval and countersignature of the General Commanding the Division, and for subsequent transmission to Govt., the accompanying Revised Estimate of Rs. 11130, for repairs to the Lower Fort Bellary.

2 The amount of the original Estimate sanctioned for this work was Rs. 6285 the revised Estimate shews an increase of Rs. 4845 and the Excess is attributed to the following causes.

1st On inspection of the Lower Fort, several additions were considered necessary by the General Commanding and the weak condition of many parts of the Parapet walls was noticed and their being raised and made of greater width was considered essential.

2nd The old stone had to be obtained from the Glacis revetment and its carriage cost a great deal more than was anticipated by the Executive

Engineer who drew up the original Estimate
The ~~Th~~ stones had to be carried over a considerable distance from the Glacis into the interior of the Fort and finally, in many instances hauled up by rope on to the Terreplein of the Fort.

3d. Several of the parapet walls of the Bastions were originally built of Brick which work had, from various causes fallen into a state of disrepair. These have now been entirely dismantled and replaced by strong (3 ft. thick) stone walls. The stone floorings of the Bastions were also in such a condition that it would have been found impracticable to mount a gun carriage on them. The rectification of this also had tended to swell the Estimate

4th. The trimming and sloping down of the uprooted Glacis front slope, throughout its entire length, had also to be carried out and the clearing of the Ditch of a very large quantity of earth sand and boulder stones, which had of necessity to be removed for which extra work, no provision was originally made.

3. The work has been almost completed in anticipation of sanction of the proposed Estimate. The Estimate being voluminous, its preparation has occupied a considerable time.

4. Funds will be met from the current years Grant for "Repairs Military".

1843

I have the honor to be
Sir
Your most obdt. Servant.
H. Wright Sibbet Lt. Col. R.E.
Supdg Engineer
3d Circle

From,

The Superintending Engineer,

IIIrd Circle.

To, No 1843 W

The

Dated }
Received } 188

ENCLOSURES.

No.

Sanction
C.S.
31. 7. 85

B

1843/6

Public Works Department 1885-86.

Current No. 1457

Letter No. 2954

Dated the 25th July/85

From the Secty to Govt Mil. Dept

NOTE OF REMARKS.

1. The accompanying is a revised estimate for repairs to the Lower Fort at Bellary and amounts to Rs. 11,130 — being Rs. 4,845 in excess of the original estimate, Rs. 6,285, sanctioned in G. O. No. 1919 W. of the 9th July/83.

2. Subject to approval S.E. III's letter No. 707 of the 30th June/85 may be accepted as a substitute for a "report". — In that letter the excess is attributed to four causes:— 1st Effecting certain additional alterations at the request of the "General Commanding." — 2nd The cartage of the old stone being far greater than provided for in the original estimate. — 3rd Replacing several of the brick parapets on the bastions with strong

stone walls 3 ft. thick. —
4th The trimming and sloping down the uprooted glacis front slope. —

3. The comparative statement can scarcely be termed satisfactory. — The single item "Rebuilding old Dry stone" shows an excess of Rs. 3,505 in the revised above the original amount. — S.E. III. writes:— "The work has been almost completed, in anticipation of sanction of the revised estimate."

4. The revised estimate has been countersigned by the General Commanding the Ceded Districts, and has been approved in the Military Department.

1843/6

30th July /85
B.H.

Repairs
Bellary Fort.

QUARTERMASTER-GENERAL'S OFFICE,
Ootacamund,
18th July 1885.

No. 1655/3

1843/1

From
THE QUARTERMASTER-GENERAL,

To
THE SECRETARY TO GOVERNMENT,
MILITARY DEPARTMENT.

SIR,

I am desired by His Excellency the Commander-in-Chief to submit for the sanction of Government a revised Estimate amounting to Rs: 11,130/- for repairs to the Fort at Bellary, in supersession of the estimate for Rs: 6,285/- which was sanctioned by Government in P.G. No. 4054 dated 23rd July 1883.

Enclosures
1 Revised Estimate, in duplicate
1 Comparative statement
1 Letter from Superintending Engineer

No. 3576 of 25-6-83 —

2. The necessity for the excess expenditure, which this revised estimate contemplates, is explained in the letter from the Superintending Engineer No. 707 dated 30th June 1885, which accompanies

accompanies this estimate.

I have the honor to be
Sir
Your Obedient Servant

M Stewart Brigdr Genl
Quarter Master General

1843
8

P. G. 23d July, /83, Nos 392/3 R.
G.O. 1919 W d/ 9-7-83

B.C. 6457

Military (1885) Department.

No. 4169

From

The Quartermaster-General,

To

The Secretary to Government,

Military Department.

No. 1655 B

Dated 18th } July
Recd. 20 }
Recd 23

Enclosures. 4

Rs. 11,130

Submits for sanction a revised Estimate for repairs to the Bellary Fort.

P. W.

No 3954

Approved and transferred to the Public Works Department for disposal.

(By order)

A. Kenney Herbert Lieut. Col.
Offg. Secy. to Govt.

Fort St. George
20 July 1885

O.G.S. 68/7. Recd. 4/8/85

Buildings & Roads
~~Military~~ Works
Public Works Department.

No. 1843 W

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 8th August /85
1843/9 Read the following

From the Quarter Master General. H. E. No: 1655 B. d/ 18th July 1885.
Endorsement by the Military Deptt. H. E. No: 3954 d/ 20th July 1885.

The revised estimate amounting to Rs. 11,130, for repairs to the Lower Fort at Bellary, is sanctioned in supersession of the sanction of Rs. 6,285 conveyed in G. O. No: 1919 W dated 9th July 1883.

2. The cause of the excess over the original estimate is explained in the Superintending Engineer's report.

3. This sanction has been registered as Imperial Ordinary No: 29 W of 1885-86, and classified as Military, Repairs.

4. ~~A [illegible] sheet in~~ Form No: M. 203 should have accompanied the estimate. The Suptg. Engineer will ~~now~~ forward ~~one~~ the same, duly filled in, to the Examiner of P. W. Accounts.

To
The Suptg. Engr. III Circle with 2 encls.
" Examiner P. W. Accts with dupli. abstract estimate.
" Military Department.

C.S. 4.8.85

6.8.85

10/8/85

1843
10

6457

Govt. of {1885} Madras.

PUBLIC WORKS.

Prof 11/85

Dated

Recd. Encl.

G.O., 8 Aug 1885, No. 1843

[illegible]

Revised list for returns

to the [illegible] sanctioned

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