

2 1041-12-6-83
- 1919-9-7-83
1441-2-8-83

No 2324, Way 17-8-83

under the Cir.
- circumstances stated
the work must
be deferred until
funds are available

Cy
15-18

From J. H. C. 1041-12-6-83
The Superintending Engineer,
IIIrd Circle,

To The Chaplain
P.M.

10

Dated 10th } Augth 1883.
Recd. }

ENCLOSURES.

No 2324, Way 17-8-83

No. 1326

Grant allotted for In orpl.
Works at the Disposal of
Off. Comdg. District.

Recommending that
Rs. 600. may be transferred
from the Repari to orpl works
Grant.

With Order

Entered in Receipt Register

S. S. Third Circle

97.C

SUPERINTENDING ENGINEER'S OFFICE,

No. 1326

From

THE SUPERINTENDING ENGINEER,

III 1st Circle,

To

THE

Sir,

Enclosures.

With reference to your No. 1441C. dated 2^d August 1883 I have the honor to inform you that the General Commanding this Division objects to giving up any portion of the small grant allotted for Minor original works at his disposal.

Under the circumstances I would beg to recommend that the estimate for the Minor original work may be met by having a sum of Rs. 600 transferred under your authority from the Repair & original work grant.

I have the honor to be
Your most obedt servant.
J. H. Clarke Maj. R.E.
Mg. Dupuy. Esq. 3^d Circle

WD

No 1440

From

intending Engineer,

No 6865

Probi

The transfer proposed by the Super. Engr, would require the sanction of the G.O. I. as the Minor Works grant would be increased, vide letter No. 2326 - X - E - as the work is not commenced, and the of the Commencing the actual district is not disposed to allot the requisite funds from the grant at his disposal. I would beg to suggest that the work be deferred for the present.

Wm. J. 12/8

No 1441C d/27 Aug/83

Madras

From

The Superintending Engineer,

III 1st Circle,

To

The Chief Engineer
P. W. Department
Madras

Dated 26th

Reed.

July

1883.

ENCLOSURES.

No 1441C d/2-8-83

No. 1120

Funds under head of
Military Original Works.
Requesting to let him
know whether further
can be placed
at his disposal.

With reference
to his letter no
1120 d/26th July
1883, the Superintending
Third Circle, is requested
to ascertain whether
the officer Commanding
Ceded Districts, who
has Rs 1000/- at
his disposal, under
Minor Works Military
Can allot any funds
for the foot bridge
across the Bellary
Foot Trench.

G. O. 1919W d/9-7-83
No. 1641W d/12-8-83

S. E. Third Circle

Genl
3/8

With reference
to the above
G.O. in the receipt of

30/7/83

No. 1120

MADRAS,

Bellary ~~Chopank~~, 26th July 1883.

From Major S. B. Clarke R.E.
 THE SUPERINTENDING ENGINEER,
 3rd 1st CIRCLE,

To

THE Chief Engineer
 H. M. Department
 Madras

SIR,

Enclosures.

With reference to G. O. No. 1919 W
 of the 7th of July 1883, I have the honor to request
 you will let me know whether further funds
 under head of Military Original Works can be
 placed at our disposal in order to allow of
 the work (Estimated at Rs 575) being carried out
 this year, since the grant of Rs 500 allotted for
 83/84 has been nearly expended on other minor
 Original Works.

I have the honor to be
 Sir

Your most Obedient Servant
 J. B. Clarke Major R.E.
 Offg. Superintending Engineer
 3rd Circle

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 con-
 struction of a foot-bridge across the trench,
 sanctioned.

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 employes 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.

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

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.

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 :—

- 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.