Archives I 10,006—16-8-77.

(1) Number of pages 54
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(3) Initials of the Referencer

14/9

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P.W.D DEPARTMENT

G.O. No. 1621.W. Press.
B.P. No. Mis.

Dated 16.6.1887 ~~197~~.

Not to be folded or roughly handled

16TH JUNE 1887, No. 1621 W., PUBLIC WORKS.

1621/1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following papers :—

From Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Karúr, 6th December 1886, No. 464 E.W.

With reference to the orders against items 1 and 2 of the objectionable items statement in G.O., No. 2782 W., of 21st August 1886, I have the honor to report on the excess expenditure on the work of "putting the Cannanore fort into a state of defence."

2. The original estimate of that work was prepared in 1884, when Mr. J. P. Davidson was Executive Engineer of the Coimbatore division; and was prepared by that officer in communication with the then Deputy Assistant Quartermaster-General, Western District.* It appears to have been based, with some modifications and omissions, on a report of Brigadier-General B. L. Gordon, C.B., No. 1/3, of 19th April 1884, which was addressed to the Quartermaster-General.

3. From the explanation given by the sub-divisional officer † who carried out the works, it appears that the original estimate provided for the following items :—

I. Removing eight traverses,
II. Removing road across ditch of ravelin, near the gorge, at the south-east end.
III. Closing sluice at north end of main ditch.
IV. Prolongation of main ditch to sea at south end.
V. Providing a drawbridge in the prolongation.
VI. Putting a sluice with screw gearing at end of the prolongation near the drawbridge.
VII. Providing a loopholed wall along the sea-face near the prolongation of main ditch.
VIII. Cutting a channel in the main ditch through silt.

4. Also that the extra works which caused the excess were—

IX. Removing a ninth traverse.
X. Revetting the prolongation of main ditch.
XI. Repairing masonry counterscarp of main ditch.
XII. Dismantling parapet round good water well.
XIII. Dismantling certain old walls near the well.
XIV. Erecting wooden railings near drawbridge and along part of the counterscarp of the main ditch.
XV. Providing beams and grating to top of fresh water well.

5. The sub-divisional officer explains that, on the 19th October 1885, when the works of the original estimate had been completed, Colonel Ross Thompson, then Officiating Superintending Engineer, inspected the works with the Brigadier-General,

---

* Captain Henry, R.E., I think.

† Sergeant Webb.

who pointed out the extra works he considered necessary, and Colonel Ross Thompson ordered the sub-divisional officer to submit a revised estimate.

6. That revised estimate was submitted with the Executive Engineer's letter, No. 227, of 16th April 1886. For this great delay Sergeant Webb does not appear to have been entirely to blame, as he submitted it to the Executive Engineer, first on 5th November 1885; secondly, on 17th November 1885; then on 11th December, and, lastly, on 24th March 1886. Possibly, the instructions given him were not sufficiently definite.

7. Meantime, in anticipation of sanction to a revised estimate, the Executive Engineer, on the 10th January 1886, applied for an extra allotment of funds for this work, which was granted in G.O., No. 152 W., of 18th January 1886. This extra grant, of course, was not available for expenditure pending the submission and sanction of the revised estimate; but the Executive Engineer, in his memorandum, No. 66, of 22nd January 1886, communicated to the sub-divisional officer a list of grants "from which Sergeant Webb understood he was authorised to carry out the works to completion as he was told to lay out the grants to the best advantage by the 31st March 1886."

8. The consequence was that when the revised estimate reached my office, in April, the work having been completed before 7th March, as appears from one of Sergeant Webb's letters, it was too late to submit it for sanction, and a bill of cost was called for.

9. The subsequent delay in submitting a bill of cost in the form of a completion report has been due to the military authorities at Cannanore objecting to countersign the completion certificate.

10. The present Deputy Assistant Quartermaster-General pointed out that the prolongation of main ditch had not been made 15 feet wide as requested by the Brigadier-General. It had been made only 12¼ feet.

11. Nothing can be found in the records justifying the sub-divisional officer making this alteration. The only copy of General Gordon's letter, No. I/3, of 19th April 1884, in the divisional office is in Sergeant Webb's handwriting. I showed that copy to him, and the fact of the handwriting being his was admitted. In the 7th paragraph of that letter General Gordon wrote "the prolongation might be 15 feet wide." Notwithstanding this, Sergeant Webb, in his letter, No. 294, of 18th June 1886, wrote: "I am not aware of any proposal having been made to make the breadth 15 feet."

Again, in the plan of the prolongation signed by Sergeant Webb and by Mr. Davidson and Mr. Marjoribanks, dated 5th July 1884, the width of the prolongation is given as 15 feet.

12. There *is* a plan, signed by Colonel Ross Thompson, in which the width is given as 12 feet; but this is dated 24th March 1886, and was consequently prepared by Sergeant Webb after he had carried out the work. It is therefore no authority for his having constructed the prolongation of a different width from that shown in the plan signed by Mr. Davidson, and from that required by the Brigadier-General.

13. I am therefore of opinion that Sergeant Webb has failed to justify the serious deviation of making the prolongation of main ditch and the drawbridge 12¼ instead of 15 feet wide, and I now submit, for sanction, an estimate, signed by the Officer Commanding Western District, amounting to Rs. 379, for widening the prolongation and the drawbridge to 15 feet.

14. The military authorities have now signed the completion report, on the understanding that the prolongation of ditch and the drawbridge will be widened, and the report * is herewith sent for sanction and transmission to the Examiner.

15. Sergeant Webb is to blame for deviating from the plan signed by Mr. Davidson in carrying out the prolongation of main ditch, and should have known that without "specific authority" deviations from sanctioned plans are strictly prohibited. I send, herewith, copy of his explanation, which I do not consider satisfactory.

---

* Copy only as the original was sent by the Executive Engineer to the Examiner on the 23rd November 1886.

16. The amount of the original estimate for putting the Cannanore fort in a state of defence was Rs. 2,958, and the total expenditure amounted to Rs. 4,374; so that the excess requiring sanction is Rs. 1,389.

17. The cost of correcting the width of the prolongation of main ditch and drawbridge, Rs. 379, may be met from further savings on the Malapuram barracks, which will be reported in a final statement of savings and demands to be submitted early in January.

No. 4522 C., Public Works.

In returning the enclosures received with letter from the Superintending Engineer, IV Circle, No. 464 E.W., dated 6th December 1886, the undersigned has the honor to request that the Superintending Engineer will be good enough to submit, with the least possible delay, a revised estimate working up to the total past and proposed outlay of Rs. 4,726 on the work of converting the Cannanore fort into a defensible post. It would not be regular to sanction a completion report for the expenditure already incurred while a supplemental estimate is required to complete the work to the satisfaction of the military authorities.

2. On receipt of the revised estimate, orders will be passed on the points brought to notice by the Superintending Engineer.

(Signed) J. O. HASTED, Colonel, R.E.,
Chief Engineer, P.W.D.

18th December 1886.

To the Superintending Engineer, IV Circle, with five enclosures.

From Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 8th February 1887, No. 56 E.W.

With reference to your memorandum, No. 4522 C., of 18th December 1886, I have the honor to forward a revised estimate, amounting to Rs. 4,726, for putting the Cannanore fort into a state of defence, together with a comparative statement, and a duplicate abstract of the estimate.

2. An estimate of Rs. 2,958, for the above work, was sanctioned in G.O., No. 2571 W., of 20th October 1884, and the excess of Rs. 1,768 is due to extra items not provided in the original estimate, as explained in my letter, No. 464, of 6th December 1886. The revised estimate includes past expenditure as well as that now proposed.

No. 523 C., Public Works.

Forwarded for the approval of His Excellency the Commander-in-Chief and the Government in the Military Department.

2. Letter from the Superintending Engineer, IV Circle, No. 464 E.W., dated 6th December 1886, explaining the circumstances which led to the submission of a revised estimate, is forwarded for perusal.

3. Favor of early return requested.

(By Order.)

(Signed) W. L. C. BADDELEY, Captain, R.E.,
Under Secy. to Govt., P.W.D.

11th February 1887.

To the Secretary to Government, Military Department.

No. 909, Military.

Referred to His Excellency the Commander-in-Chief.

(By Order.)

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

14th February 1887.

To the Quartermaster-General.

From Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Sholadi, 18th May 1887, No. 303 C./E.W.

In your memorandum, No. 4522 C., of 18th December 1886, you called for a revised estimate for putting the Cannanore fort in a state of defence, working up to the total of past outlay (Rs. 4,347) together with the amount of a small supplemental estimate of Rs. 379 which had been submitted on 6th December 1886.

2. Accordingly, an estimate of Rs. 4,726 was submitted with my letter, No. 56, of 8th February 1887, but no orders have yet been passed upon it; and the Military Department has again requested that the work provided in the supplemental estimate of Rs. 379 may be carried out.

3. I have therefore now the honor to request the favor of early orders on the subject and permission to put the extra work in hand.

No. 176 D., Public Works.

Forwarded to the Military Department with request that the reply to this office No. 523 C., dated 11th February 1887, may be expedited.

(Signed) J. O. HASTED, Colonel, R.E.,
Secretary to Govt., P.W.D.

1st June 1887.

No. 3231, Military.

Forwarded to the Quartermaster-General for favor of early attention to Military Department No. 909, dated 14th February 1887.

OOTACAMUND, (Signed) A. KENNEY-HERBERT, Brigdr.-Genl.,
2nd June 1887. Secretary to Government.

From Brigadier-General E. FAUNCE, Quartermaster-General, to the Secretary to Government, Military Department, dated Head Quarters, 4th June 1887, No. 1347 B.

In returning reference orders, No. 909, dated 14th February, and No. 3231, dated 2nd June 1887, with enclosures, I have the honor, by order, to inform you that His Excellency the Commander-in-Chief approves the revised estimate, amounting to Rs. 4,726, for the work noted in the enclosures of the former quoted reference order in connection with the defences of the fort at Cannanore.

2. I am, however, to state that, after the work detailed in this estimate has been fully executed, there will remain some minor works to be carried out, which are considered essential to complete the fort as a defensive post.

3. Under the orders of His Excellency a supplemental estimate for these works shall be submitted in due course.

No. 3333, Military.

Approved, and transferred, with previous papers, to the Public Works Department.

(By Order.)

OOTACAMUND, (Signed) A. KENNEY-HERBERT, Brigdr.-Genl.,
7th June 1887. Secretary to Government.

ORDER—dated 16th June 1887, No. 1621 W., Public Works.

The revised estimate, amounting to Rs. 4,726, for converting the Cannanore fort into a defensible [post, is sanctioned, in supersession of the estimate of Rs. 2,958 sanctioned in G.O., No. 2571 W., dated 20th October 1884.

2. The expenditure on the work to the end of 1886-87 amounted to Rs. 4,347, and as the balance to be expended is below Rs. 500, the work may be completed * without further allotment.

3. The attention of the Superintending Engineer is drawn to the remarks in paragraphs 2 and 3 of the Quartermaster-General's letter above recorded.

4. Paragraphs 6 to 8 of Colonel Beatty's letter, No. 464 E.W., dated 6th December 1886, will be communicated, through the Superintending Engineer, V Circle, to Colonel Ross Thompson, R.E.

5. The inattention of Sergeant Webb to the instructions received by him, with respect to the width of the prolongation of the main ditch, is viewed with displeasure.

6. The sanction accorded in paragraph 1 of these proceedings has been registered as Imperial, No. 12 W. of 1887-88, and classified as Military, Original Works.

(True Extract.)

(Signed) J. O. HASTED, Colonel, R.E.,
Secretary to Govt., P.W.D.

* Para. 1908, clause III, P. W. Code.

To the Superintending Engineer, IV Circle, with three enclosures.
" " " V "
" Examiner, Public Works Accounts, with duplicate abstract estimate.
" Military Department.

Exd. E. Fernandez.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of {1887} Madras.

PUBLIC WORKS.

Dated June, 16th.

Recd. *Encl*

G.O., 16th June 1887, No. 1621 W.

JUNE.

Cannanore Fort

Revised estimate of Rs. 4,726, for converting the — into a defensible post, sanctioned w remarks.

1621/W

Public Works Department.

Current No. 4350
Letter No. 3333
Dated the 7th June /87
From the Secy: to Govt in the Mily: Dept

WW 11.6.87

NOTE OF REMARKS.

The accompanying estimate provides for placing the Fort at Cannanore in a State of defence.

The estimate amounts to Rs 4726 or Rs 1768 in excess of the original estimate viz Rs 2958 sanctioned in G.O. No 2571 W d/20th Oct/

The excess over the original estimate is explained as follows

I The dismantling of the barracks which was not provided for in the original estimate.

11.6.87 R. 16.6.87.

II Locks instead of ordinary locks has been substituted

III The wall of the Counterscarp to be built up 2 feet

IV Widening the prolongation of the main ditch

V Dismantling parapet to ditch and traverse

VI Railings across ditch -

VII Extra timber required for the prolongation of the drawbridge

and several other minor items hardly worth particularising

The rates have been checked and are found to be fair

169/5

sum of Rs 47-8-0 is provided in the former Estimate for iron rails to the draw bridge.

The Estimate and Comparative Statement have been approved by the Military Authorities but are not countersigned

4/6/87

The Est of Rs 4786 may be Sanctioned -

11.6.87

Note by Bdget Section.

Work Putting the Cannanore Fot into a state of defence

Remarks and References.

1691/6

Fund Imperial Ordinary

Service Head ... Military ...

Departmental Head Original Works

Amount of Estimate ... ... Rs. 4,2 6

Expenditure ~~in previous year~~ up to 1885-86 ... " 3,9 3

otment in ~~current year~~ 1886-87 ... ... " 9 4

Balance required to complete ... "

Total Rs. ...

Note of available funds.

The expenditure incurred up to 1885-86 on the estimate of Rs. 2,968 was Rs 3,923 and during 1886-87 a further sum of Rs. 924 was allotted for expenditure on the same estimate. The probable outlay on the work amounts therefore to Rs 4,847 which is Rs. 21 in excess of the revised estimate now submitted. The Supdg. Engr. however states vide his letter that the past outlay is Rs. 4,347. The unspent balance of the revised estimate will therefore be Rs 379 and under Code para 1908, part III, no appropriation needs be made for the work.

Budget Clerk.

10 June 1887

Yes this agrees with what the SE says - The est of Rs 4726 will cover expenditure already incurred & that now proposed

11.6.87

Note by Budget Section

No. 334

Wellington
17th November, 1886.

(16)

To,

The Executive Engineer,
Nilgiri Division.

Sir,

In reply to your endorsement No. 2459, dated 13th Instant on Superintending Engineer's No. 726/N.D. of 12th idem I have the honor to report as follows:—

I. As the Superintending Engineer appears to absolve me from blame with regard to the execution of the work in his paras 1-10 there appears to be no reason for a reply.

2. I cannot understand why no records can be found justifying my making the alteration to the Drawbridge from 15 to 12¼ feet. I should imagine there should be records kept in both the Divisional and Superintending Engineer's Offices of all orders given with regard to works in progress.

situated as I am I cannot ascertain what has been done with the different plans and suggestions made with regard to the Drawbridge; but I certainly believe there must be some records which appear to have mysteriously disappeared. In this para (11) the Superintending Engineer quotes General Gordon's letter dated 19th April 1884. This letter was received by me and the copy quoted by the Superintending Engineer, which he states was admitted by me to be in my handwriting was simply a copy of the original which was returned to the Deputy Assistant Quarter Master General. This I distinctly pointed out to the Superintending Engr on his late inspection of works at Wellington i-e I pointed out that the paper he produced in my hand writing was simply a copy of the letter sent by the Deputy Assistant Quarter Master General and an estimate was prepared and submitted in accordance with the views of

of General Gordon, but the fact of there being more than one alteration in the estimate appears to have been lost sight of — General Gordon probably made the remark, in fact, I recognized it in my copy of his letter, but the estimate was submitted with alterations during Mr Marjoribanks regime as sub Divisional Officer and the work as actually carried out differs essentially from what was shown in the original estimate in fact the sanctioned estimate differed in a great degree to the original. This was due to the frequent alterations called for e.g. Colonel Hamilton R.E. suggested in his report on the Fort that walls should be built on the side facing the bay and that a condenser should be purchased. This upsets the estimate originally submitted and a new estimate was submitted by Mr Marjoribanks. I here admit that I was at fault in saying that I had no recollection of the remark of General Gordon as to not being aware of any proposal having been made to make the breadth 15 feet but I have the honor to state that I had only time to take the copies before I handed over charge of the Sub Division. That I was not careless on the point is shewn by the fact of my having taken copies of the papers and having also given the definitions of the technical terms used (this is with the paper quoted). The plan signed by the Executive Engineer, Assistant Engineer and myself was submitted evidently on the 5th July 1884. I regret I cannot remember on what instructions I acted but the fact remains that a plan was submitted showing 15 feet but I submit (with an excuse for forgetting the breadth) that when directed to constructed the bridge. I called on the

the Executive Engineer on several occasions by the direction of Colonel Ross Thompson for a plan of the drawbridge and I was invariably informed that there was no plan to be obtained either in the West Coast or Coimbatore Division and I was directed to prepare a plan to be based on the estimate and in consultation with the Military authorities. The estimate was in my possession and the plan was prepared in accordance with that estimate and showed a breadth of 12¼ feet and I firmly believe that instructions must have been given me to make the bridge 12¼ feet wide in fact I have only to refer to para 12 in which the Superintending Engineer refers to Colonel Ross Thompson's signature to the estimate allowing 12 feet as my justification.

× × ×

I must again repeat that I must have received instructions as it would have been just as easy for me to make the breadth 15 feet as 12¼.

× × ×

I have &c

(Sigd) H. Webb.
Supervisor D.P.W.

(True extract)

L. Beatty – Colonel R.E.
Superintending Engineer
4 Circle

1621/10

Mily 1887 - Dept
Public Works Department.

No 951

No. 523 C
Dated 11th } February
Despatched 12th } February
Received 14 2 87

6E

SUBJECT.

Forwarding for approval of His Excellency the Commander-in-Chief and the Government in the Military Dept the Correspondence from the Supdg. Engineer IV Circle for putting the Cannanore Fort into a state of defence -

16/4

SUPERINTENDING ENGINEER'S OFFICE,
V CIRCLE, MADRAS,
Chepák, 9 June 1887.

No. 1192 -

From Col. H. M. Vibart R.E.
~~The~~ SUPERINTENDING ENGINEER,
V CIRCLE,

No 7/11

To
The Chief Engineer
P. W. Department

SIR,

With reference to G. O. No 1439 W. Dated 26 May 1887, I have the honor to report that the amount received, from the Secretary, for the repairs of the Military Female Orphan Asylum buildings includes the 15 per cent charge for Establishment.

Enclosures.

I have the honor to be
Sir,
Your most obedt. servant

H. M. Vibart
Col. R.E.
Superintending Engineer
5th Circle

based

G. O. 3230 W 7. 12. 86
B. No 1439 W 26. 5. 87

No. 1636 W a/ 17th June 1887

13

Recorded
Recorded

From P. W. C. No. 4436

THE SUPERINTENDING ENGINEER,

V CIRCLE,

(1)

To

THE Chief Engineer

P. W. Department.

Dated 9th }
Recd. 11 } June 1887

ENCLOSURES.

No. 1636 W dated 17th June /87

No. 1192

Military Female Orphan Asylum Buildgs.

Reporting that the amounts received for the repairs to ——— includes the 15 per cent charge for Establishment

Supdg. Engr. V Circle
E. & C.
Examr. P.W. Acct.

No. 464
E. W.

Superintending Engr's Office. 4th Cir
Camp. Karur. 6th December /86.

(65/12)

From,

The Superintending Engineer,
IV Circle.

To,

The Chief Engineer,
P. W. Department.

Enclosures. 4.
1. Completion Report.
1. Estimate with Specification & Report.
1. Sketch.
1. Serjeant Webb's Explanation.

Sir,

With reference to the orders against Items 1 and 2 of the objectionable Item statement, in G. O. No. 2782 W of 21st August 1886, I have the honor to report on the excess expenditure on the work of "putting the Cannanore Fort into a state of defence".

2. The original estimate of that work was prepared in 1884, when Mr. J. J. Davidson, was Executive Engineer, of the Coimbatore Division; and was prepared by that Officer in communication with the then Deputy Assistant Quarter* Master General, Western District. It appears to have been based

* Captain Henry R.E. I think

based, with some modifications and omissions, on a report of Brigadier General. B. L. Gordon. C. B. No. J/3 of 19th April, 1884, which was addressed to the Quarter Master General.

3. From the explanation given by the sub divisional Officer× who carried out the works, it appears that the original estimate provided for the following items:-

× Serjeant Wells

I. Removing eight Traverses

II Removing Road across ditch of Ravelin, near the gorge, at the south east end.

III. Closing sluice at north end of main ditch.

IV. Prolongation of main ditch to sea at south end.

V. Providing a drawbridge in the prolongation.

VI. Putting a sluice with screw-gearing at end of the prolongation near the drawbridge

VII. Providing a loop holed wall along the sea face near the prolongation of main ditch.

p2

VIII. Cutting a channel in the main ditch through silt.

1651/13

4. Also that the extra works which caused the excess were:-

IX. Removing a ninth Traverse.

X. Revetting the prolongation of main ditch

XI. Repairing masonry counterscarp of main ditch.

XII. Dismantling parapet round good water well.

XIII. Dismantling certain old walls near the well.

XIV Erecting wooden railings near Draw bridge and along part of the counterscarp of the main ditch

XV. Providing beams and grating to top of fresh water well.

5. The Sub-divisional Officer explains that on the 19th October, 1885, when the works of the original estimate had been completed, Colonel Ross Thompson, then Offg: Superintending Engineer, inspected the

work

works with the Brigadier General; who pointed out the extra works he considered necessary, and Col: Ross Thompson ordered the sub-divisional Officer to submit a revised estimate.

6. That revised estimate was submitted with the Executive Engineer's letter No. 227 of 16th April 1886. For this great delay Serjeant Webb does not appear to have been entirely to blame, as he submitted it to the Executive Engineer, first on 5th November 1885; Secondly, on 17th November 1885; then on 11th December; and lastly on 24th March 1886. Possibly the instructions given him were not sufficiently definite.

7. Meantime, in anticipation of sanction to a revised estimate, the Executive Engineer on the 10th January 1886, applied for an extra allotment of funds for this work; which was granted in G. O. No. 152W of 18th January, 1886. This extra

grant

grant of course was not available for expenditure pending the submission and sanction of the revised estimate; but the Executive Engineer in his Memo: No. 66 of 22nd January 1886 communicated to the sub-divisional Officer a list of grants "from which Serjeant Webb understood he was authorized to carry out the works to completion as he was told to lay out the grants to the best advantage by the 31st March, 1886."

8. The consequence was that when the revised estimate reached my Office in April, the work having been completed before 7th March as appears from one of Serjeant Webb's letters, it was too late to submit it for sanction and a Bill of cost was called for.

9. The subsequent delay in submitting a Bill of Cost in the form of a Completion Report has been due to the Military authorities

at Cannanore objecting to counter-sign the Completion certificate.

10. The present Dy: Asstt Qr Master General pointed out that the prolongation of main ditch had not been made 15 feet wide as requested by the Brigadier General. It had been made only 12¼ feet.

11. Nothing can be found in the records justifying the subdivl Officer making this alteration. The only copy of General Gordon's letter No. 3/3 of 19th April 1884 in the Divisional Office is in Serjeant Webb's hand-writing. I showed that copy to him, and the fact of the handwriting being his was admitted. In the 7th para of that letter General Gordon wrote "the prolongation might be 15' wide". Notwithstanding this, Serjeant Webb, in his letter No. 294 of 18th June, 1886, wrote, "I am not aware of any proposal having been made to make the breadth 15 feet". Again in the plan of the prolongation signed by Serjeant Webb, and by Mr Davidson and Mr Marjoriba dated 5th July 1884, the width of the prolongation is given as 15 feet.

12. There is a plan, signed by Colon Ross Thompson, in which the width is given as 12 feet; but this is dated 24th March/86 and was consequently prepared by Serjeant Webb after he had carried out the work. It is therefore no authority for his having constructed the prolongation of a different width from that shown in the plan signed by Mr Davidson, and from that required by the Brigadier General.

13. I am therefore of opinion that Serjeant Webb has failed to justify the serious deviation of making the prolongation of main ditch and the draw bridge 12¼ instead of 15 feet wide, and I now submit for sanction an estimate, signed by the Officer Commanding Western District amounting to Rs: 379; for widening the prolongation and the drawbridge to 15 feet.

14. The Military authorities have now signed the Completion Report, on the understanding that the prolongation of ditch and the drawbridge will be widened, and the report[×] is herewith sent for sanction and transmission to the Examiner.

× copy only as the original was sent by the Executive Engr. to the Examiner on the 23/11/86.

15. Serjeant Webb is to blame for deviating from the plan signed by Mr. Davidson in carrying out the prolongation of main ditch and should have known that without "Specific authority" deviations from sanctioned plans are strictly prohibited. I send herewith copy of his explanation which I do not consider satisfactory.

16. The amount of the original estimate for putting the Cannanore fort in a state of defence was Rs 2958, and the total expenditure amounted to Rupees 4374; so that the excess requiring sanction is Rupees 1389.

17. The cost of correcting the width of the prolongation of main ditch and drawbridge

4374
379
4753

drawbridge

p 5

drawbridge, Rs 379, may be met from further savings on the Malliapuram Barracks which will be reported in a final statement of Savings and Demands to be submitted early in January.

1627/16

I have the honor to be,
Sir,
Your most obt Servt,

F. Beatty Colonel, R.E.
Superintending Engr. 4th Circle.

1621/17

p6

Memo

In returning the enclos: received with letter from the S.E. IV Circle No. 464 E.W. dated 6 Dec. 1886, the undersigned has the honor to request that the Supg: Engr. will be good enough to submit with the least possible delay a revised estimate working up to the total past & proposed outlay of Rs 4726 on the work of converting the Cannanore Fort into a defensible post. It would not be regular to sanction a completion report for the expenditure already incurred while a supplemental estimate is required to complete the work to the satisfaction of the Military authorities.

On receipt of the revised estimate, orders will be passed on the points brought to notice by the S.E.

D 19/12
S.E. IV Circle
J.L. 17/12/86
17.12.86

From

The Supg: Engineer
4th Circle.

To,

The Chief Engineer
P.W. Department.

Dated 6th }
Received 10th } December 1886

No. 464/E.W.

4522 C of 18-12-86

Enclosures. 4.

Putting the Cannanore Fort into a state of defence—

Submits a supplemental estimate for sanction with certain observations regarding the excess expenditure already incurred on—

No. 2571 W of 20-10-84
" 2920 W " 5-11-86
" 2782 W " 21-10-86
" 2024 W " 13-8-86
" 152 W " 18-1-86
" 2564 W " 2-11-85
17-2-86

---

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No. 56/E.W. Superintending Engr's Office, 4th Cir.
Coimbatore, 8th February/87

169/18

From

Colonel, J. Beatty, R.E.
Superintending Engineer,
4th Circle.

To,

The Chief Engineer,
P.W. Department.

Enclo: 3

1 Revised estimate with abstract
1. Duplicate abstract of the Estimate
1. Comparative Statement.

Indexed
922

Sir,

With reference to your Memo: No. 4522 C of 18th Ultimo I have the honor to forward a Revised Estimate amounting to Rs. 4726 for putting the Cannanore Fort into a state of defence, together with a Comparative statement, and a Duplicate abstract of the estimate.

2. An Estimate of Rs. 2958 for the above work was sanctioned in G.O. No. 2571 W of 20th October/84 and the excess of Rs: 1768 is due to extra items not provided in the original estimate as explained

in my letter No. 464* of 6th December/86. The revised estimate includes past expenditure as well as that now proposed.

* [illegible] No. 4522 [illegible]

I have the honor to be,
Sir,
Your most obt Sert

[illegible] Beatty Colonel R.E.
Supg Engineer 4th Circle.

S. E. IV Circle [illegible] with 5 enclosures [illegible] — 2564 [illegible] — 2502 [illegible]

162/19

p 9

[illegible] Ks: 3

4357/5/1

No. 523 C dt 11th Feby 1887

Forwarded for the approval of H. E. the Commander-in-Chief and the Govt. in the Military Department -

2. Letter from the Supdg. Engr. IV Circle, No. 464 E W dt 6th December 1886, explaining the circumstances which led to the submission of a Revised Estimate, is forwarded for perusal -

3. Favour of early return requested -

(By Order)

W C Baddeley, Capt. R.E.
Under Secy: to Govt. P. W. D.

To The Secy to Govt
Mily Dept

From

Col. J. Beatty. R.E.
Supg: Engr. 4th Cir

Dated 8th } February 1887.
Recd 16 }

No. 56 / E.W.
Enclo: 3 4

Putting the Cannanore Fort into a State of defence.

Forwards a Revised Estimate amounting to Rs: 4726 for!

M D 951 of 87

Enfaced

S. E. IV Circle Pr with 5 enclosures 17 [illegible] - 2804 11 - -
- 2802 6 - 17

(169/20

REQUESTED TO BE RETURNED WITH REPLY

P 13 - 27

No. 909 p 10

GOVERNMENT OF MADRAS,
Military Department,
14th February 1887.

To
The Quarter Master General

Referred to His Excellency the Commander-in-Chief.

(By Order.)

A Kenney Herbert Lieut.-Colonel,
Secretary to Govt., Mily. Dept.

N.B.—Reply *may* be endorsed on this docket.

Supg Engrs Office, 4th Circle.
Camp Sholadi, 18th May 1887

No 303 C / E.W.

From
Colonel J. Beatty, R.E.,
Superintg. Engineer, 4th Circle

To
The Chief Engineer,
P. W. Department.

Sir,

In your Memo No. +4,522 C of 18th December 1886, you called for a revised estimate for putting the Cannanore Fort in a state of defence, working up to the total of past outlay (Rs: 4,347) together with the amount of a small supplemental estimate of Rs: 379 which had been submitted on 6th December 1886.

+ Sent to Mily Dept with No 523 C 7/2/87

2. Accordingly an Estimate of Rs: 4726 was submitted with my letter No. 56 of 8th February 1887, but no orders have yet been passed upon it; and the Military Department has again requested that the work provided in the

523 C 7/2/87

the supplemental estimate of Rs: 379 maybe carried out.

3. I have therefore now the honor to request the favor of early orders on the subject and permission to put the extra work in hand.

I have the honor to be,
Sir,
Your most obedt. servant.

R. Beatty. Col: RE,
Supg Engineer, 4th Circle.

1691/92

P.W. Department

~~No 523 C. 11-2-87 Ootacamund~~

No 176 Day 1st June 1887.

Forwarded to the Military Dept with request that the reply to this office No 523 C, dated 11th February 1887 may be expedited

J. Beattie Colonel R.E.
Secretary to Govt P.W.D.

WCM
27.5.87

REQUIRED TO BE RETURNED WITH REPLY.

No 3231 Forwarded to the Quarter Master General for favor of early attention to Mily Department No 909. dated 14th Feby 1887.

A. Kenney Herbert. Br Genl
Secretary to Government

Ootacamund 2nd June 1887.

Mily: 1887 D.O.
No. ~~Secl~~

~~P.W.C. No 3900~~
4380

by
From The P. W. D.
Colonel, J. Beatty. R.E.
Supg: Engr 4th Cir
No 176 C.

(6)

D/1st June
R/1

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

Dated 18th } May 1887.
Recd 23 }

No 303 C. / E.W.

Putting the Cannanore Fort into a state of defence.

Requests early orders on the revised estimate of Rs: 4726 submitted 8/2/87 with a view to the work proposed in supplemental estimate being put in hand.

QUARTER MASTER GENERAL'S OFFICE,
Head Quarters,
4th June 1887.

No. 1347 B.

169 / 5/3

From
BRIGADIER-GENERAL E. FAUNCE,
~~The~~ QUARTER MASTER GENERAL,

To

THE SECRETARY TO GOVERNMENT,
MILITARY DEPARTMENT.

SIR,

In returning Reference Orders Nos 909 dated 14th February, and 3231 dated 2nd June 1887, with enclosures, I have the honor, by order, to inform you, that His Excellency the Commander-in-Chief approves the revised estimate amounting to Rs 4726/ for the work noted in the enclosures of the former quoted Reference order in connection with the defences of the Fort at Cannanore.

2 I am, however, to state that after the work detailed in this estimate has been fully

executed there will remain some minor works to be carried out which are considered essential to complete the Fort as a defensive Post.

3. Under the orders of His Excellency a supplemental estimate for these works shall be submitted in due course.

I have the honour to be
Sir
Your Obedient Servant

Brigadier-General
Quarter Master General

1681/24

No 4522 C. 18.12.86
G.O. 2571 W. 20.10.84
" 2920 W 5.11.86
No 176 D. 1.6.87
" 523 C 11.2.87
G.O. 2571 W 20.10.84
No 1631 D. 12.9.84
B No 2354 W 21.8.83
" 2145 & 2146 W 4.8.83

B. No 2015 W 9
21.7.83
G.O. 1957 W 12.7.83
No 1838 28.6.83
" 1175 C 21.6.83
G.O. 1561 W 4.6.83
No 1016 C 28.5.83
G.O. 1374 W 11.5.83
B. No 737.38 W 7.3.83
G.O. 2657 W 11.10.82

7 JUN 87

Ootacamund
7 June 87

No 3333 p 15

Approved & transferred, with previous papers, to the Public Works Department

By Order,

A Kenney Herbert Qr General

Secy. to Govt
Mily Dept

19.VI

Resubmitted to B. 11.6.87 16.6.87

27.5.87 3.6.87

PWC No 4350

Military (1887) Department.

No. ~~3687~~

From

THE QUARTER MASTER GENERAL,

To

THE SECRETARY TO GOVERNMENT,
MILITARY DEPARTMENT.

No. 1347 B

Dated 4th June 1887
Received 9.6.87

ENCLOSURES. 7

Regarding the work in connection with the defences of the Fort at Cannanore.

B PW
Mily works

PUBLIC WORKS DEPARTMENT.

No. 1621 W

(168)/98

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 16th June 1887.

READ the following

Print without circle

From the S. E. IV Circle No 4644 of 6th Decr 1886.
Memo to do — do " 4522 C of 18th " "
From the do — do " 56 S.W. of 8th Feby 1887
Endt. thereon in P.W.D. " 523 C of 11th " "
— do — in Mily. Dept " 409 of 14th " "
From the S. E. IV Circle " 303 C-S.W. of 18th May "
Endt. thereon in P.W.D. " 176 D of 1st June "
— do — in Mily. D. " 3231 of 2nd " "
From the Qr. Mr. Genl " 1347 B of 4th " "
Endt. thereon in Mily. Dept " 3333 of 7th " "

16

The revised estimate amounting to Rs. 4,726 for converting the Cannanore Fort into a defensible post, is sanctioned in supersession of the estimate of Rs. 2958 sanctioned in G.O. No. 2571 W dated 20th October 1884.

2. The expenditure on the works to the end of 1886-87 amounted to Rs 4,[illegible]47, and as the balance to be expended is below Rs 500, the work may be completed+ without further allotment.

+ Para 1908, Clause III, P.W. Code.

3. The attention of the Supply Engr. is drawn to the remarks in paras 2 & 3 of the Quarter Master General's letter above recorded.

4. Paragraphs 6 to 8 of Colonel Beatty's letter No 464 dd. 3/6 Decr 1886 will be communicated, through the S.E. V Circle, to Colonel Ross Thompson R.E.

(162)/36

5. The inattention of Sergt. Welsh to the instructions received by him with respect to the width of the prolongation of the main ditch, is viewed with displeasure.

6. The sanction accorded in para 1 of these Pros. has been registered as Imperial No 12 W of 1887-88, & classified as Military Original Works.

16.6.87

Despd 29/6

S.E. II Circle with 3 enclos ✓

S.E. V Circle ✓

Exam PWA with copy of estimate ✓

Mily Dept

Jell 14/1887

Cu

Note – File each
separately to SAW
by letter mark

D.k.
14.6.87

B 17/16/5

E M
16.6

M. 16.6.87
CR. 16.6.87

a. 27.5.87 9.6.87

1621/27

495

Govt. of {1887} Madras.

PUBLIC WORKS.

Dated

Recd.   Encl.

G.O. 16 June 1887 No. 1621 W

Cannanore fort

=

Revised Estimate of Rs 4,726 for converting the — into a defensible post, sanctioned with a [illegible] Rs

80/14

17/6 Cw. 16/6