Public Works
~~[illegible]~~ (1898) Department.

√ G.O., No. 597 I

DATED 5 August 98

17/8/98

[Despatch Abstract.]

Gundavolu Tank. Revised Estimate of Rs 6,400 for improving the ——— in the Nellore Dn, Sanctioned with remark.

110/6.

Registered
KD
12/8/98

F.E. I

[M 2
1,000—28-10-96.]

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

IRRIGATION.
ACCOUNT.

Government (1898) of Madras.

PUBLIC WORKS.

Recd. *Regd.*	1898.	*Enclosures* *Spare copies*

G.O., No. 597 I., 5th August 1898.

AUGUST.

Gundavolu Tank

Revised estimate of Rs. 6,400 for improving the — in the Nellore division, sanctioned with remark.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following papers:—

From Major W. L. C. BADDELEY, R.E., Superintending Engineer, II Circle, to the Chief Engineer for Irrigation, dated Bezwada, 28th August 1897, No. 331 N.L.

I have the honour to forward herewith, for your approval and sanction of Government, comparative statement, &c., for the Gundavolu tank in Nellore district, and to request that you will be so good as to obtain the sanction of Government to the excess of Rs. 920 over the original estimate sanctioned in G.O., No. 481 I., dated 11th June 1895.

2. Explanation as to the cause of excess has been given in the remark column of the comparative statement.

ENCLOSURE.

REPORT to accompany the Revised Estimate for the Gundavolu Tank Improvements, II Circle.

	RS.
Amount of original estimate	5,480
" of revised "	6,400

Original sanction, S.E. II Reg. No. 131 of 1895-96 (G.O., No. 481 I., dated 11th June 1895).

It was found useless to repair sluice No. 1 and the entire sluice was rebuilt.

15th July 1897.

(Signed) L. L. WICKHAM,
Executive Engineer.

Memo. No. II/52 N.L.

In acknowledging the receipt of letter, No. 331 N.L., dated 28th August 1897, from the Superintending Engineer, II Circle, the undersigned has the honour to observe from the report that the entire sluice No. 1 was rebuilt as it was found useless to repair it. With reference to this office circular memo., No. 40 G., dated 3rd November 1894, it is requested that it may be explained why this deviation was allowed without the permission of the original sanctioning authority. It is also observed that of the total excess of Rs. 920, Rs. 456 are represented to be due to stone having to be carted 4 miles. It should be explained why the necessity for this additional charge was not foreseen and provided in the original estimate.

3rd September 1897.

(Signed) W. HUGHES,
Chief Engineer for Irrigation.

From J. HANNAN, Esq., Superintending Engineer, II Circle, to the Chief Engineer for Irrigation, dated Bezwada, 6th July 1898, No. 762 N.L.

With reference to your memo., No. II./52 N.L. of 3rd September 1897, I have the honour to state that I have, since its receipt, been trying to obtain from the Divisional officer, Nellore, the explanations therein called for. I enclose in original, with enclosures, the correspondence on the subject.

No satisfactory explanation is forthcoming on the points raised in your memorandum.

I would draw your attention to the curt and unsatisfactory manner in which the Divisional officer submits his explanations and to the great and unnecessary delay in doing so. This is, I am sorry to say, characteristic of Mr. Wickham's method of dealing with references from this office.

I feel pretty satisfied from the explanation of the Overseer who framed the estimate attached to Divisional officer's letter, No. 467, dated 28th March 1898, that there was no necessity for carting stones a distance of 9 miles, and that the local stone was good enough. It is simply absurd carting stone this distance for apron and revetments on the grounds that locally procurable boulders were irregular in shape.

No. 207 I.

Note by the Acting Chief Engineer for Irrigation.

With the first of the letters quoted above the Superintending Engineer submitted a comparative statement asking for sanction to an excess of Rs. 920 on the estimate of Rs. 5,480 sanctioned for repairing the Gundavolu tank, Nellore, in G.O., No. 481 I., dated 11th June 1895. As it appeared that certain deviations from the original had been made without permission from the sanctioning authority, explanations were called for. The correspondence shows that the excess is mainly due to two causes: (1) that the barrel of a sluice, which at the time of preparing the original estimate was thought to be sufficiently good only to require repairs, was found on putting the work in hand to be so much out of order as to require entire rebuilding; and (2) that the Sub-divisional officers with whom the Executive Engineer agreed, considered the stone which it was intended by the estimator to use was unsuitable and that it would be necessary to go 4 miles away for suitable stone, instead of 2 miles as allowed for. As regards the first cause, as it is very often impossible for an estimator to be certain as to the state of such portions of a work which are covered up and which is known to be generally defective, it would be better for him to make ample allowance in his estimate so that a saving on the estimate might be made on execution if possible, it being distinctly specified in the estimate that the execution of such portion of the work was to depend on the result of the inspection of such and such an officer. As regards the second cause of excess, there appears to have been a difference of opinion between the subordinate who prepared the original estimate and the Sub-divisional officer who carried out the work. Apart from the Code rules on the subject, Superintending Engineers have been specially directed to issue instructions that no deviation from a sanctioned plan or estimate which would involve a material increase in expenditure or alteration of design, should be made without the permission of the sanctioning authority. In the present case the Executive Engineer says that a revised estimate was sent as soon as possible and that it was too late to obtain sanction. What the Executive Engineer had to do was to apply for special permission to use a more expensive class of stone than provided for and to rebuild the sluice not provided for in the estimate. There does not appear to be any reason why he should not have obtained orders on such a simple matter by means of a deviation statement or letter, prior to committing Government to the extra expenditure.

Circular memo., No. 40 G., dated 3rd November 1894.

BACK PAPERS.

G.O.

No. 597 I., 5th August 1898.

Public Works Code, Volume I, chapter VII, paragraph 79.

Executive Engineers are permitted to make deviations in case of emergency on condition of the change being forthwith reported to the Superintending Engineer, but no emergency appears to have occurred from the papers relating to this case, and further the Superintending Engineer remarks that similar action on the part of the Executive Engineer is characteristic. As the work is reported to have been completed except the rebuilding of the sluice, it is recommended that the estimate be sanctioned, attention being called to the above remarks.

25th July 1898.

(Signed) J. C. LARMINIE,
Ag. Chief Engineer for Irrigation.

Order—No. 597 I., dated 5th August 1898.

The following revised estimate is sanctioned in supersession of the estimate of Rs. 5,480, sanctioned in G.O., No. 481 I., dated 11th June 1895 :—

Irrigation.
43. Minor Works and Navigation.
Minor Works for which neither Capital nor Revenue Accounts are kept, P.W.D.
Original Works.
Nellore Division.
Improving Gundavolu Tank (No. 183 of list of works appended to G.O., No. 407 I., dated 6th July 1887).

	RS.
Estimate	6,400

2. This sanction is registered as No. 58 I. of 1898-99.

3. The Superintending Engineer will call the attention of the Executive Engineer to remarks of the Chief Engineer for Irrigation in the above note and to point out to the Executive Engineer the necessity for obtaining the permission of the sanctioning authority prior to committing Government to extra expenditure except in cases of emergency as provided in the Code.

(True Extract.)

(Signed) J. C. LARMINIE,
Ag. Joint Secy. to Government,
Irrigation Branch.

To the Chief Engineer for Irrigation.
„ Superintending Engineer, II Circle,
with papers received with his letter, No. 762 N.L.,
dated 6th July 1898.
„ Examiner of Public Works Accounts.

Exd. T. K Narayana Aiyangar.

G.O.

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ublic Works (1898) Department.

CURRENT No. 6451

5971

From the Chief Engineer for Irrgn

Order

No. 2079

Dated 25-7-98

Received
Registered 4-8-98

Enclosures 16 (1 Plan)

Spare copies

SUBJECT.

Gandavole Tank – Revised estimates of Rs 6400 for improvements to – Note recommending with remarks for sanction the –

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

His Excellency the Governor.

PUBLIC WORKS DEPARTMENT,
IRRIGATION BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

READ the following

evised Estimate for improvements to
Gandavole Tank - Nellore Dt.

From the Superintending Engineer 2 Circle } H E No 331 N.L. dated 28 August 1897
Memo to the — Do — Do — " — II/52 NL — " — 31st — do —
From the — Do — Do — " — 762 NL — " — 6 July 1898
Note by the Chief Engineer for Irrign " 207 - I — " — 25 do

5

Issue Flag. F.

J C L
29/7/98

Flag. H.

With the first of the letters quoted above the Superintending Engineer submitted a comparative statement asking for sanction to an excess of Rs 920 on the estimate of Rs 5,480 sanctioned for repairing the Gandavole Tank, Nellore, in G O 2048 I, dated 11th June 1895. As it appeared that certain deviations from the original had been made without permission from the sanctioning authority explanations were

called

M.A. 1/8

called for - The correspondence shows that the excess is mainly due to two causes (1) that the barrel of a sluice, which at the time of preparing the original estimate, was thought to be sufficiently good only to require repairs, was found on putting the work in hand to be so much out of order as to require entire rebuilding and (2) that the Sub Divisional Officers with whom the Executive Engineer agreed, considered the stone which it was intended by the estimator to use was unsuitable and that it would be necessary to go four miles away for suitable stone, instead of two miles as allowed for. As regards the first cause as it is very often impossible for an estimator to be certain as to the state of such portions of a work which are covered up and which is known to be generally defective

it

it would be better for him to make ample allowance in his estimate so that a saving on the estimate might be made on execution if possible, it being distinctly specified in the estimate that the execution of such portion of the work was to depend on the result of the inspection of such and such an Officer. As regards the second cause of excess there appears to have been a difference of opinion between the subordinate who prepared the original estimate and the Sub divisional Officer who carried out the work - apart from the Code rules on the subject, Superintending Engineers have been specially directed to issue instructions that no deviation from a sanctioned plan or estimate which would involve a

Cir: memo No 40 G, d/ 3d Novr. 1894.

Irrg P.

material

BACK PAPER

material increase in expenditure or alteration of design should be made without the permission of the sanctioning authority. In the present case the Executive Engineer says that a revised Estimate was sent as soon as possible and that it was too late to obtain sanction. What the Executive Engineer had to do was to apply for special permission to use a more expensive class of stone than provided for and to rebuild the sluice not provided for in the estimate. There does not appear to be any reason why he should not have obtained orders on such a simple matter by means of a deviation statement or letter, prior to Committing Government to the extra expenditure. Executive Engineers are permitted to make deviations in case of emergency on Condition of the change being forthwith reported to the Superintending Engineer, but no emergency appears to have occurred from the papers relating to this case, and further the Superintending Engineer remarks that similar action on the part of the Executive Engineer is characteristic.

P W Code. Vol I. Chap: $\frac{\text{VI}}{\text{II}}$ para 79

E. I. Form No. 1 (a)—250—1-11-97.

As the work is reported to have been completed except the rebuilding of the sluice, it is recommended that the estimate be sanctioned attention being called to the above remarks.

Order thereon
No 597 I 5.8.98

The following revised Estimate is sanctioned in supersession of the Estimate of Rs 5,480. sanctioned in G O No 481. I, dated 11th June 1895.

Irrigation

43. Minor Works & Navigation

Major

[illegible] A 1

Hag. H.

Minor works for which neither Capital nor Revenue Accounts are kept P.W.D.

Original works

Nellore Division.

Improving Gundavolu tank (No 183 of list of works appended to G O No 407. I. of 6 July 1887.)

Estimate Rs 6,400

2. This sanction is registered as No 58 I of 1898-99.

3. The Superintending Engineer will call the attention of the Executive Engineer to remarks of the Chief Engineer for Irrigation in the above note and to point out to the Executive Engineer the necessity for obtaining the permission of the sanctioning authority prior to committing Govt. to extra expenditure except in cases of emergency as provided in the Code.

J.H. 23/7/98

25/7/98

A.H 27.7.98

7.E.I
4.8.98.

21/8/98

To

The Chief Engineer for Irrign.

" Superintending Engr. I Circle with papers recd with his letter No 762 M 6.7.98 (12)

" Examiner of P. W. Accts

4/7/98

9

Public Works (1897) Department.

CURRENT No. 45 NL

From Major W. L. C. Baddeley RE
Supdg Engr II Circle

Order

No. 331 NL

Dated 28 August 1897
Received 30 — do —
Registered
Enclosures 5
Spare copies

SUBJECT.

Gundavole Tank
Nellore Dt. – Requesting
sanction of Govt to the
excess of Rs 920/- over
the estimate for.

Ro DE
Refer

30/8
Of the excess of Rs 920, Rs
456 are due to cartage of
stone which ought to have
been foreseen [illegible]

VCLS 31/8/97

BACK PAPERS.

No.	Date.
R475 WD	20.6.95

FURTHER PAPERS.

No.	Date.
I. 52 NL	3 9 97
R75 NL	6-7-98

3

SUPERINTENDIND ENGINEER'S OFFICE,
SECOND CIRCLE, Bezwada

No. 331 NL

DATED 28 August 1897

FROM,

Major W. L. C. Baddeley R.E.
SUPERINTENDING ENGINEER,
II CIRCLE.

TO,

The Chief Engineer,
For Irrigation,
Madras.

Enclos: 5

1 Plan
1 D & A Este
1 Com: Statement
1 Data
1 Report

SIR,

I have the honour to forward herewith for your approval and Sanction of Government, Comparative statement &c for the Gundavole tank in Nellore Dt. and to request that you will be so good as to obtain the Sanction of Govt: to the excess of Rs 920 over the original Estimate sanctioned in G.O. no 481 I. d/ 11. 6. 1895.

Flag A.

2. Explanation as to the cause

Cause of excess has been given in the remark column of the Comparative statement.

I have the honour to be,
Sir,
Your most obdt Servt

W. W. Baddeley,
Major R.E.
Supg Engineer, II Circle.
$\frac{D.5}{27}$ 97.

CHIEF ENGINEER
FOR IRRIGATION.
30 AUG. 1897
45 N.I.

[illegible] / 6451/50

P. W. D. ... Second Circle

Revised Estimate for Gundavole tank improvements.

Amount of Original Estimate Rs 5480

Amount of Revised Estimate Rs 6400/

Original Sanction S.E. II Reg No. $\frac{131}{1895-96}$ G. O. No $\frac{481 I.}{11-6-97}$.

Report

To accompany the revised Estimate for the.

It was found useless to repair sluice No 1 & the entire sluice was rebuilt.

L. S. Uckham
E.E.

JUL 15 1897

SUPG. ENGINEER'S OFFICE,
No. 1127
26 JUL. 97
P. W. D.
SECOND CIRCLE.

CHIEF ENGINEER FOR IRRIGATION.
30 AUG. 1897
4 ~~8~~ N.L.

SUPG. ENGINEER'S OFFICE,
No. 374
10 SEP. 97
P. W. D.
SECOND CIRCLE.

FOR IRRIGATION.
11 JUL. 1898
No. 75 N.L. / 3

4370
83/1-5329

Public Works (1897) Department.

IRRIGATION BRANCH.

ISSUE No. II / 52 N.L.

To

The Suptg Engr 2 Circle

(Reply to letter No. , dated).

Dated 3d September 97
Despatched 7d do
*Enclosures** 5

* Particulars of Enclosures.

1 Plan
1 D & A Este
1 Comp statt
1 Data
1 Report

SUBJECT.

Gundanole tank Nello
Dt. Requests with remar
explanation for the excess
incurred over the estima
for the —

Indexed

E. J. Form No. 13—2,600—23-2-97.

BACK PAPERS.

No.	Date.
R 45 NL	28-8-97

Sent to Government with No. I., dated 1897.

Printed with G.O., No. I., dated 189 .

REMINDERS ISSUED.

No. 1, dated 189 .
" 2 "
" 3 "
" 4 "
" 5 "

KEEP-WITHS

FURTHER PAPERS.

No.	Date.
R 75 NL	5-7-98

V

Enclos 5

Ed/

Memo No. D/52 NL

In acknowledging the receipt of letter No. 331 N.L., d/ 28 Augt, from the S.E. II Circle the undersigned has the honour to observe from the report that the Entire No. 1 was rebuilt as it was found useless to repair it. With reference to this office Cir Memo No. 40 G, d/3 Nov /94, it is requested that it may be explained why this deviation was allowed without the permission of the original sanctioning authority. It is also observed that of the total excess of Rs 920,

E. I. Form N

456 are represented
be due to stone
eying the carts
R miles. It should be
lained why the
cessity for this
addl. charge was
ot foreseen & provided
in the original estimate

31/8/97

WH
3.9.97

To
the S.E. II

31/8/97

CE3
16-7-98

Public Works (1898) Department.

CURRENT No. 75 N.L.

From The Superintending Engineer II Circle

Order

No. 762 N.L.

Dated 6/8-7-98

Received 11 — Do —

Registered

Enclosures 11

Spare copies

SUBJECT.

To D.E. I

Gaudavole Tank Improvements — forwards Correspondence between himself & Mr Wickham and brings to notice the curt and unsatisfactory manner in which Mr Wickham submitted his explanation

Regd 11/7/98

E. I. For

456 unrepresented

BACK PAPERS.

No.	Date.
I 52 NL	d/ 3 9/97 ✓
R 45 NL	28-8-97
I 40 J	30-11-94

FURTHER PAPERS.

No.	Date.

No 762 NL

Superintending Engineer's office
II circle, Bezwada 6th/8 July 1898.

From,
J. Hannan Esquire,
Superintending Engineer II circle.

To
The Chief Engineer
for Irrigation.

Encl:—
1 S.E.'s Endt. no 388 NL / 18.9.97
1 E.E.'s no 357 / 31.1.98
1 Report
1 Comp: Statement
1 Data
1 plan
1 Det. A. Estimate
1 Copy of S.D.O.'s no 486 / 27-12-97
1 E.E.'s no 467 S.E. / 28.3.98
1 S.E.'s no 25 C / 2.4.98
1 E.E.'s no 92/A d 29 6/98
11

Sir,

With reference to your memo no II/52 N.L of 3rd September 1897, I have the honor to state that I have since its receipt been trying to obtain from the Divisional officer Nellore, the explanations therein called for. I enclose in original with enclosures the correspondence on the subject.

No satisfactory explanation is forthcoming on the points raised in your memo.

I would draw your attention to the curt & unsatisfactory manner in which the Divisional officer submits his explanations and to the great and unnecessary delay in doing so. This is I am sorry to say characteristic of Mr Wickham's method

method of dealing with references from this office.

I feel pretty satisfied from the explanation of the overseer who framed the estimate attached to Divisional officer's letter No 467 dated 28th March 1898. that there was no necessity for carting stones a distance of 9 miles. and that the local stone was good enough. It is simply absurd carting stone this distance for Apron and Revetments on the grounds that locally procurable boulders were irregular in shape.

The dates
fine 4 miles

I have the honor to be
Sir,
Your most obedient servant,
W Damall
Superintending Engineer II circle.

T. For 456 an represented

CHIEF ENGINEER
FOR IRRIGATION.
11 JUL. 1898
No. 75 NL

83/1529
1320

8P