

Public Works (1898) Department.

G.O., No. 607 *J*

✓ DATED 11th August 98

[Despatch Abstract.]

*Rampur Channel : Revised Estimate
of Rs ~~30000~~ 30160 for improvements to the
in the Bellary District sanctioned.*

78.9

1/10/98

Government {1898} of Madras.
PUBLIC WORKS.

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AUGUST.

Rampur Channel

Public Works (1898) Department.

CURRENT No. 6601

4

No. 607 I., 11TH AUGUST 1898.

The revised estimates have now been received. They amount to Rs. 33,060, or Rs. 11,572 in excess of the estimates sanctioned up to date.*

* Sanctioned in G.O., No. 1127 I., dated 22nd December 1893 ...	rs. 21,000
Sanctioned in G.O., No. 505 I., dated 21st June 1895 ...	+ 1,478
Sanctioned in G.O., No. 601 I., dated 31st July 1895 ...	— 990
	<u>21,488</u>

This provision includes Rs. 2,900 for a new head sluice to be built at the head of the channel, and it is said to have been included in accordance with certain instructions given by Mr. deWinton as Superintending Engineer in January 1897. There is no information in this office as to these instructions or Mr. deWinton's

reasons for changing the opinion expressed in his notes of August 1896. Neither the Acting Chief Engineer for Irrigation, the present Superintending Engineer, nor the Executive Engineer is in favour of constructing this sluice at the head of the channel. As the left bank below the proposed sluice cannot be kept high enough to keep out floods, there is no object in building it. Omitting the provision for the head sluice, the excess to be accounted for is Rs. 8,672. Of this the regulator costs Rs. 2,220; cross bank and raising left bank not provided for, nearly Rs. 1,700. The pipe sluices show an excess of Rs. 1,428, and the rest is made up of additional work found necessary, increase in rates and improvements to old surplus weirs instead of closing them.

The revised estimates, amounting to Rs. 30,160, as reduced in this office, are approved and recommended for sanction.

2nd August 1898.

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

ORDER—No. 607 I., dated 11th August 1898.

No. 1127 I., dated 22nd December 1893.
" 505 I., " 21st June 1895.
" 601 I., " 31st July 1895.

The following revised estimate, amounting to Rs. 30,160, is sanctioned in supersession of the sanctions accorded in the marginally-noted orders:—

Irrigation.
43. Minor Works and Navigation.
Minor Works for which neither Capital nor Revenue Accounts are kept, P.W.D.
Major Original Works.
Bellary Division.
Improving Rampur Channel.

Estimate	rs.
...	30,160

2. This sanction is registered as No. 59 I. of 1898-99.

(True Extract.)

Under Secretary to Government,
Irrigation Branch.

To the Chief Engineer for Irrigation.
" Superintending Engineer, III Circle, with eighty enclosures.
" Examiner, Public Works Accounts.

Exd. T. K. Narayana Aiyangar.

Order

6079
From the Chief Engineer for Irrigation

No. 2092

Dated 2nd August 98

Received 38-8-98

Registered 86

Enclosures 56 (10 plans)

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SUBJECT.

Rampur Channel - Bellary
Do - Revised estimates of
Rs 30,060 as reduced in this
office for improvements to
- Note recommending with
remarks for certain the —

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the

Read the following

*Estimate for improvements
to Rampur Channel & Battery*
From Supp Eng. III Circl. No 1275 I & 12 July/98.
No 2098 of 2-8-98
Note by Mr. Chief Eng.
for Irrigation.

Flag F.

38

Issue

*gcl
6/8/98*

In G.O. No. 127 I, & 22.
Dec/93, sanction was
accorded to estimates
amtg. to Rs 21,000, for
improvements to the
Rampur Channel, Battery
Dr. There are 25 estimates
numbered 1 to 25 & quoted
in this order. The last
nine items were for
constructing pipe sluice
& the estimates for these
amounted to Rs 3688.
At the suggestion of Mr.
Somers. Ev a better class
of pipe sluice was
sanctioned in G.O. No.
505 I, & 21 June/95, for
Rs 5766 or Rs 1478 more

Flag H.

CK

than originally proposed.

The first item of the estimates sanctioned in G.O. No 1127 J, d 22 Dec/93, was for a head sluice to cost Rs 3240. In G.O. No 601 J, d 31st July/95, a revised design of head sluice was sanctioned for Rs 2250 or Rs 990 less than that originally provided. This head sluice was to be built at 7 furlongs from the head of the channel & was apparently about half built when inspected by the Supp Engr. Mr. de Winton, in Augt/96. The Supp Engr. proposed in his notes of abundance & instead of 21 furlongs to be built at 7 furlongs.

Flag T.

Flag T.

Flag A.

W

Flag P.

Flag N.

+ Flag J

This with some other proposals were approved by the Chief Engr for Irrigation (Colonel Drake Brockman) & the Supp Engr was asked in this office Memo No 1136, d 11 Sept/96, to submit the necessary plans & estimates for the proposals.

No estimates having been received & it having been noticed in this office that the sanctioned estimate for the channel was being exceeded, the Supp Engr was directed in Memo No 2118 L, d 3rd Dec/97, to submit a revised estimate without delay. Famine no doubt interfered with their preparation.

The revised estimates have now been received. They amount to Rs 33060 or Rs 4472 in excess of the estimates sanctioned up to date.

Sanctioned in	G.O. No 1127 J	-	21,000
	22.12.93		
	605 J	+	1478
	21.6.95		
	601 J	-	990
	31.7.95		
			<u>21,488</u>

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the

Read the following

Omitting the provision for the head sluice the excess to be accounted for is Rs ⁸⁶⁷² 8572. Of this the regulator costs Rs 2220, cross bank & raising left bank not provided for nearly Rs 1700. The pipe sluices show an excess of Rs 1428 & the rest is made up of additional work found necessary, increased in rates & improvements to old surplus weirs instead of closing them.

The revised estimate amount to Rs ³⁰¹⁵⁰ 30060 as reduced in this office, are approved & re-

This provision includes Rs 2900 for a new head sluice to be built at the head of the channel & it is said to have been included in accordance with certain instructions given by Mr. deWinton as Supg Engr in Jan/97. There is no information in this office as to these instructions or Mr. deWinton's reasons for changing the opinion expressed in his notes of Augt 796. ^{Aug A.} Whether the by CE-I, present Supg Engr, or the Ex. Engr is in favour of constructing this ~~head~~ sluice at the head of the channel. As it is represented that the left bank below the proposed sluice, cannot be kept high enough to keep out floods, there is ^{object} in building it.

Rs. commended for sanction.

Order No. 607 Dtd 11.8.98

The following revised estimate

amount to Rs. 30,000.

is sanctioned in Super.

session of the sanction.

accorded in the

marginally noted order:—

Irrigation.

de 43. Minor Works Range

de Minor Works for which

neither Capital nor

Revenue Accts are kept,

P.W.D.

Major Original Works

Kullarn Dist.

Improving Rampur

Channel. Estimate Rs. 30,000

This sanction is

registered as 1059 J

of 1898-99.

29/7/98

9/2/98

N. 1127 J. 4 22.12.93
575 J. 4 24.6.95
601 J. 4 31.7.95

894
4895

7.2.9.
10.8.98

To the Chief Engr. P.W.D.

Superintendent of the S. P.W.D.

S. P.W.D.

21/5/98

At.
21-7-98

Public Works (1898) Department.

CURRENT No. 5934

107

From the Superintg. Engineer
Bellary

Order

No. 1275 J

Dated 12 — 7 — 98

Received } 14. 7. 98

Registered

Enclosures 157 (10 plans)

Spare copies

SUBJECT.

Rampur channel
Bellary Division

Forwards for sanction
of Government, a revised
estimate amounting to Rs
32960 for improving the
P.D.S.

Recd
15/7/98

14-7-98

15/7/98

FURTHER PAPERS.

Copy of letter N-4054 dated 1st June 98,
from H. Elbert Esquire Exec. Engineer
Bellamy Division to the Suptg Engineer
at Circle Bellamy.

I have the honour to forward herewith revised estimate for the Rampur Canal prepared in accordance with the latest instructions given by Mr DeWinton when Superintending Engineer in his inspection notes dated $\frac{1553}{23.8.96}$ and $\frac{3980}{16.2.97}$

2. One of the causes of the large excess over the sanctioned estimate is due to increase of rates, as the sanctioned rates for some of the principal items of work were very low. This was brought to your notice in this office No 4053 301.94 as soon as the estimates were received and sanctioned. The rates now allowed have been arrived at after consideration of the fact that tenders were invited for the works and that Nos 24, and 25 were tendered for stone in ordinary mortar. The increase now proposed is not excessive considering that

that apparently mortar has been raised
in the proportions of 1 lime 1 sand and
1 surki. The data which I considered fair
are appended. they are slightly less than * Please see
those provided which are based on my note on data.
tender. Some bills have apparently already 150/ H.E.L.
been paid at the rates now proposed. 88.

3. All works originally sanctioned
with the exception of the Head sluice
at of which was partly built and
abandoned are nearing completion.

4. As regards building a fresh
sluice at the very head now proposed
I am not at all in favour of it for reasons
mentioned in the report.

(Copy)



but B. B. B. B. B.

Lieut Col RE,

Suptg Engineer

in Circle

P.W.S. 2
6601/98

List of papers connected with the improvements of Rampur Channel Adoni Taluq Bellary District.

	Survey of Rampur Channel original	1
	Survey showing the site of proposed regulator	1
	Plans of masonry works	6
X	Detailed estimates with abstracts	25
23	Comparative statements	19
	General C do	1
14/7	Report	1
	Data sheet	1
	Longitudinal & cross sections of raising left bank from 3/4 to 4" mile.	2 sheets

but B. B. B. B. B.
Lieut Col RE,

Suptg Engineer in circle.

12-7-98

Report to accompany the revised estimates for improving the Raupur Channel in the Adoni Talug. Bellary District.

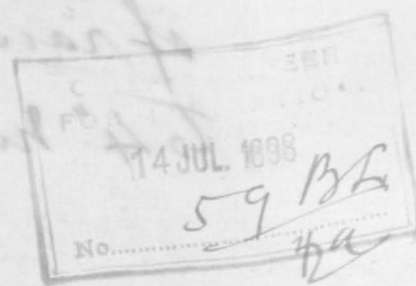
Amount of Original Sanction Rs 21488
 Do Revised Estimates 30160 ~~20000~~ 32760
 Excess - 11272
 8672 ~~8572~~

Plans and estimates amounting to Rs 21,000 were sanctioned in G.O. No 1127 I dated 22-12-93 for the improvements of this channel.

But the work was not put in hand till the beginning of 1895, owing chiefly to no one being willing to take up the work at the sanctioned rates, which were rather low, when compared with the rates already sanctioned for similar channels in the Hospet Talug. altho its situation with reference to the difficulty in carting materials &c. is identical with them.

At the very commencement of the work, it was found necessary, to revise the estimates for constructing 64 Irrigation pipe sluices, and the Head Sluice at $\frac{2}{7}$, and sanction was accordingly given to these revised estimates in G.O. No 501 dated 21-6-95 and $\frac{601I}{31-7-95}$ for Rs 5166 and Rs 2250 against the original sanction of Rs 3688 and Rs 2240 respectively.

When Mr. deWinton while Supg. Engineer inspected the channel in August 1896, he directed that the Head Sluice at $\frac{2}{7}$ should be given ^{as} it was found impossible to maintain the first two miles of left-channel bank above M.W.L. in the river. This proposal was approved of by the Chief Engineer for Irrigation in his Memo No $\frac{III}{112C}$ dated 11th Sept. 1896 - But subsequently when



Excess sum.
 Rs 488
 Orig. sanction of
 G.O. No 1127 I 21000
 or Rs 21488

S.S. says this
 that it was
 half mile

W.S. 3
 1/98

When Mr. deWinton inspected the channel in January 1897, ordered a Head Sluice to be built at the head (vide his inspection notes dated 1-1-97) - and in connection with this directed some further alterations and improvements.

In accordance with these instructions the revised estimates now submitted have been prepared, and the General Comparative statement which accompanies the estimates will explain the necessity for the proposed rates and for the several deviations and additions therein provided for.

In connection with the construction of a Head Sluice for which a sum of £2900 is provided in the present estimate, I am strongly of opinion that Mr. deWinton's first proposals are best and that it would be a waste of money to construct it. I should prefer to leave the channel as it is for the first $2\frac{1}{2}$ miles until the proposed regulator is reached - The low places of the left bank can be renetted on both sides and on the top and I consider that we should keep up the bank at other places to a level of not less than 4 ft. below M.F.L. - This work can be done annually as found necessary.

With the exception of the Head Sluice now proposed to be built at $\frac{2}{7}$ all other works sanctioned in the original estimate are nearing completion.

H. H. H.

May 1898

Executive Engineer

44 Sluice
submitted
19/7

No. 1275 J

Superintending Engineer's Office,

3RD CIRCLE.

Bellary 12th July 1898.

FROM

Lieut Col W. J. Paddley, RE,

SUPERINTENDING ENGINEER,

IIIRD CIRCLE,

BELLARY.

To

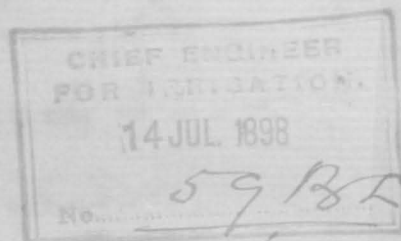
THE Chief Engineer
for Irrigation
Marras.

Sir,

2 Enclosures.

1 List.

1 Copy of Letter No
4054 of 1.6.98
from the Ex Engr
Bellary Dist



+ correct in
of the
Office
for
irrigation

With reference to your

Memorandum No. ^{III} 21 BL dated 3rd Decr

1897 I have the honour to submit
herewith for sanction of Government
revised estimates amounting in
all to Rs 33060
for improving the
Rampur channel of the Tung-
budda river in the Adoni Taluk
Bellary District.

2. The large excess of Rs 11,472 -
over the original estimates sanctioned
in G.O's noted in the margin is -
mainly due to increase of rates
(as the sanctioned rates for some
of the principal items of work
were very low) and alterations
and additions proposed by me

1275 J 22.12.93. in
5054 6012 28/21 June
31 July 1895.

Report to accompany
the revised estimates for
Improving the Rampur
Channel in Adoni Taluk
Bellary District

Amount of Estimate Rs 32,960.

J.O.S. 4
6601/98

From
The Superintending Engineer,
IIIrd Circle,
Bellary.

To
The _____

Dated _____
Received _____ 189 .

Enclosures.
No.
Subject.

CHIEF ENGINEER
FOR THE DISTRICT
14 JUL 1896
59/182

P.W.S. /
6601/28

SP