

Public Works (1898) Department.

✓ G.O., No. 29899

DATED

1 April
1900

2/12/1900

[Despatch Abstract.]

Pargua Project, Revised Estimate of Rs. 2020 for excavating distributary and field channels from the right sluice of drop N^o 14 in the IX branch channel - sanctioned and a copy of the Res. about to be forwarded to the Engr. in charge.

Pargua Project. Forwarding copy of Res. sanctioning the revised estimate of Rs. 2020 for excavating distributary and field channels from the right sluice of drop N^o 14 in the IX branch channel -

2/12/1900

IRRIGATION,
ACCOUNT

Government (1898) of Madras.
PUBLIC WORKS.

Recd.

1898.

Enclosures

Bygd.

Spare copies

G.O., Nos. 298, 299 I., 6th April 1898.

APRIL.

Pariyar Project

Forwarding copy of Proceedings sanctioning the revised estimate of Rs. 4,000 for excavating distributory and field channels from the right abut of drop No. 14 in the 8th Branch channel —.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

REPLY—The following papers:—

From Lieutenant-Colonel G. V. BODDY, R.E., Superintending Engineer, VI Circle, to the Chief Engineer for Irrigation, dated Palamcottah, 29th February 1898, No. 282 L.D.

I have the honour to forward, for your approval and sanction, a revised estimate, amounting to Rs. 1,678, for executing distributary and field channels from the right sluice of drop No. 14 in the 9th Branch channel, Panchyala works. The estimate is submitted in suppression of that sanctioned for Rs. 1,468 in G.O., No. 287 L, dated 24th April 1897; the excess amount now requiring sanction is Rs. 210. This excess is partly due to enhanced rates for cartwork having to be provided and partly to provision being made for closing breaches which occurred in two places in the distributary channel owing to the heavy rains of September 1897, and for raising the right bank of 9th branch channel below drop No. 14 which also occurs on the left bank of the distributary for a length of 10 chains. It is pointed out that with soil varying so much as does the soil in many parts of the division it is impossible to estimate accurately the cost of cutting channels without specifying an undue amount of time and money upon the preparation of the estimate. Now, on the actual execution of the channel cutting, various descriptions of soil, such as hard earth, hard gravel, soft rock and rock are reported to have been met; with and rates consequently have to be paid from Rs. 5 to Rs. 30 according to the description of soil as shown in the estimate, while the original estimate provides for only two different rates, viz., Rs. 2 3-0 for earthwork and Rs. 5 for gravel. The Executive Engineer reports that the earthwork has been executed and paid for according to these increased rates. In regard to raising the right bank of the 9th Branch channel below drop No. 14—a work for which provision should have been made in the original estimate—the Executive Engineer reports that it was intended to make up this portion out of maintenance grant for branch channels, but finding that no funds to meet the expenditure were available, provision is now made in this revised estimate which also amounts to Rs. 25. In these circumstances I have accepted the revised estimate and the increased rates, and I recommend that sanction may be accorded to the revised estimate which is classed as a reconstructive work.

2. A classified abstract estimate is also accompanying the estimate.

REVISION.

REPLY to accompany the revised estimate for executing a distributary and 524 channels from the right sluice of drop No. 14 in the 9th Branch channel.

Amount of revised estimate	Rs.	1,678
Do. original estimate sanctioned	Rs.	1,468

The estimate has to be revised for the following reasons:—

(1) The soil in cutting channel is found different from what was originally anticipated, being composed of hard earth, hard gravel and rock and consequently the rates have to be increased.

(2) As the major portion of work was done between March and June, the work for banking was found very hard and had to be executed by pouring in water for which special aids had to be used. During heavy rains in September, 1927, the 5th Branch channel located at 6 miles 2 furlongs, the distributary also branched in two places which had to be closed, and hence the excess in banking up to 12th chain.

(3) No provision was made in the original estimate for raising the right bank of 5th Branch channel below drop No. 14, which also serves as the left bank of the distributary for a length of 18 chains. Aids were found very essential to raise the banks before letting in water to the distributary, it is provided in this estimate.

(4) And, lastly, the number of excavation items have been increased so as to mark the boundaries clearly.

(Signed) S. V. SAMARINGA AIYAR,
Assistant Engineer, Madras Sub-Division.

Estimated Rates—Abstract—Continued.

Particulars	Quantity	Amount of estimate in Rs. and Paise.	Rate of sub-division.	Total amount of estimate in Rs.	Amount of work done in Rs.
1	2	3	4	5	6
CAPITAL EXPENDITURE NOT ANTICIPATED IN ORIGINAL ESTIMATE.		55	00	55	00
1. 1st. 1000 yds.					
Pier & Posts					
Open Capital Account					
2. 2nd. 1000 yds.					
1000 Hrs. of Capital					
Excavating 1000 yds. of field channel from the right side of drop No. 14					
3. Land ..	1. Compensation for Land	100		100	
4. Works ..	1. 200 ft. channel at 100 ft. from 1000 yds.	100		100	
	2. Two 400 ft. of post-holes and 100 ft. bank and 100 ft. stone ring of bank—total 1000 yds.	50		50	
	3. 200 ft. of bank at 100 ft. from 1000 yds.	50		50	
5. Settlement	1. Delivery channel	100		100	
6. Establishment	1. Excavation of bank	10		10	
	Total 3. Works	200		200	
	11. Establishment	10		10	
	12. Total and grand	210		210	
	Total Estimate	265		265	

(Signed) G. V. DODDY, In-Chief, E.R.
Supt. Engineer, VI Circle.

26th February 1928.

No. 81 L

Note by the Chief Engineer for Irrigation.

The Superintending Engineer, VI Circle, submits a revised estimate, amounting to Rs. 1,670, for excavating distributary and field channels from the right side of drop No. 14 in the 5th Branch channel, Periyar project, including an excess of 1000 yds. over the estimate contained in G.O., No. 337 L, dated 24th April 1927. The excess is reported to be due to increased rates having been provided for earthwork, as the soil was found different from what was originally anticipated, to the necessity for closing branches in the distributary channel caused by the heavy rains of September 1927 and to raising the right bank of the 5th Branch channel below drop No. 14, which was not originally provided.

2. The revised estimate may be sanctioned.

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

12th March 1928.

Order—No. 598 I, dated 6th April 1888.

The revised estimate, amounting to Rs. 1,870, or Rs. 2,020 including establishment and tools and plant charges, for executing distributary and field channels from the right abut of drop No. 11 in the 90th Branch channel, Peryar project, is sanctioned in execution of the estimate of No. 1,769 sanctioned in G.O. No. 597 I, dated 27th April 1887.

1. This sanction is registered as No. 4 I. of 1888-89 and will expire on the 31st March 1889.

2. Ordered that a copy of these Proceedings be forwarded to the Government of India for information.

[Hereunder No. 598 I, dated 6th April 1888.]

(True Extract.)

(Signed) W. HUGHES,
Joint Secy. to Government,
Irrigation Branch.

To the Chief Engineer to Irrigation,

- a. Superintending Engineer, VI Circle,
with three enclosures.
- b. Executive, Public Works Accounts.

Enclosure—No. 598 I, dated 6th April 1888.

Forwarded.

(By order.)

(Signed) W. HUGHES,
Joint Secy. to Government,
Irrigation Branch.

Public Works (1898) Department.

CURRENT No. 2573

From

The Chief Engr
for the Dept.

Order

No. 86. J

Dated 12th March 1898

Received

Registered

Enclosures

Spare copies

SUBJECT,

Revised Estimate of Rs. 1670 for
creating distributals
& field channels from
the right abutment of Duff
No 14 in the G^o channel
channel - Piriyas Project
- Note recommending
for sanction -

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Note recommending prosecution
revised rate of Rs 2000 for operating
distributary field channels from the
right bank of prop. No. 14 on the
IIIrd branch channel
Project

Enact date the

Has the following

From the Supergr. Engineer, Chittoor. (P.W. 262 - letter dated 20.2.98)
R.O. No. 2 of 12.3.98

Note by the Chief Engineer for Chittoor.

The Supergr. Engineer, Chittoor,
submits a revised estimate amount-
ing to Rs 1070 for operating distrib-
utary and field channels from the
right bank of prop. No. 14 on the IIIrd
branch channel, Brige project, in-
volving an excess of Rs 210 over the
estimate sanctioned in G.O. 3972
dated 20 April 1897. The excess is
reported to be due to increased
rate having been provided for said
work, as the soil was found deeper
from what was originally antici-
-pated, to the necessity for clearing
breaches in the distributary chan-
-nel caused by the heavy rains
of September 1897 and to raising
the right bank of the IIIrd branch
channel below prop. No. 14 which
was originally provided

5 P

30/3/98

Page E

Page F

156

114

9

17-3-98

CCB
17-3-98

2. The revised estimate may be sanctioned.

Hk
1998 Order thereon

The revised estimate amounting to Rs 1870 or Rs 2020 including establishment and tools and plant charge for operating distributary and field channels from the right sluice of stage II^a in the II^a branch channel, Berhampur project, as sanctioned in supersession of the estimate of Rs 1760, sanctioned in GO No 397-I dated 27 April 1977

2. The sanction is reported as No 113 of 1977 and will refer on the 31 March 1978

3. Advise that a copy of this proceeding be forwarded to the Govt of India for information.

+ 299/17/6/98
Enclosure
Forwarded.

Hk
1998

11/4
1978

10/10/78

10/10/78

510
50.95

Chapter F.

10/10/78

7.2.3
19 3.98

To The Chief Engineer of Sripur
- Sripur Engineer, Sripur
- Sripur, Berhampur

Public Works (1898.) Department.

CURRENT No. 17 ^{MS}

Order

From

The Engineer
U. S. Circle

No. 262. P.D.

Dated 20th February 1898

Received 23

Enclosures 2.

Spere copies

SUBJECT.

Distributing & field channel
from the right thence
Drop No. 14 in the gth
forduch channel
Perian Works — towards
with remarks for Saucha
an lte of 1870 for
Cylasania —

BACK PAPERS.

FURTHER PAPERS.

No.	Date.
[Faint handwritten text]	[Faint handwritten text]
[Faint handwritten text]	[Faint handwritten text]
[Faint handwritten text]	[Faint handwritten text]

No.	Date.
[Faint handwritten text]	[Faint handwritten text]

Wm. C. ...
1877

Est

548

Report to accompany the revised estimate
for excavating a distributary and
field channels from the right sluice
of Drop No. 10 in the 9th Branch channel

Amount of revised estimate \$1100
Do original - 200 Do 1900
Difference \$1300

The estimate has to be revised for the
following reasons.

1. The soil, in cutting channel
is found different from that was
originally anticipated, being composed
of hard earth, hard gravel and rock
and consequently the rates have to be
increased.

2. As the major portion of work
was done between march and june,
the earth for banking was found
very hard and had to be loosened
by pouring in water for which
special rates had to be paid.

Being

During heavy rains in September,
when 9° Branch channel breached
at 62.2 pms. the distributary also
breached in 2 places which had the
closed and hence the excess in banking
up to 12th chain.

3. No provision was made in
the original estimate for raising the
right bank of 9° Branch channel
below drop no 16, which also serves
as the left bank of the distributary
for a length of 10 chains. As it was
found very essential to raise the
banks before letting in water in the
distributary, it is provided in the
estimate.

4. And lastly the number of
demarcation stones have been increased
so as to mark the boundaries clearly.

H. R. R. R.
Asst. Engineer
Madras Lab. Division

10/10/1911
Approved
Executive Engineer
Madras Lab. Division

No.	Name of Work	Amount of Estimate for Individual Work	Total of Sub-items	Total for each kind or Descriptive	Total of each main item	Remarks
	<p> <i>Revised Estimate not changed by Bureau</i> <i>by Engineer</i> <i>from Capital Account</i> <i>at [unclear]</i> <u>IX</u> <u>Permeable Channel</u> <u>Remuneration Work</u> </p>					
	Excavating distributary and field Channel from the right side of draft No 14-					
2. Land	1- Compensation for land 168		168			
3. Works	2. 7 1/2 mile draft of 6 feet at 0 mile 280 feet	370				
	3. Two 6 inches pipe sluices— one left bank & the other right bank at 0 mile 280 feet	60				
	4. 7 1/2 mile draft of 6 feet at 0 mile 290 feet	390				
			860			
4. earth works	5. cutting channel	647				
			647			
5. miscell. items	6. Remuneration Stone	15				
			15			
	<u>Total, Part II Works</u>		1670			
	<u>Part III Individual</u>		345			
	<u>Part IV Subplots</u>		5			
	<u>Part V Items</u>		2020			
W. W. Kelly, <u>Ch. Engr.</u> Supr. Engineer <u>L. C. [unclear]</u> 20-2-98						

Submitted to MICHAEL F. W. D. COOK

CHAPTER VII—PARTS 983 & 983A

ESTIMATE FORM—Agricultural Classification

IRRIGATOR

DATE OF SUBMISSION

23 FEB. 1925

17 1/2

17 1/2

Drains—*Producers*

Drains—*Producers*

To accompany the Detailed Estimate No.

of 188 - 4 - 1925

*Distributary and field ch^{ls}
from the right sluice of drop
No 14 on the 9th Branch
Channel.*

* How enter the Name and Description of work in 14.

2/25/25

202 1/2

*Book No 2 to S. L. 6 - 1925
20 2 - 98*

sl 262. R.D.

OFFICE OF THE SUPERINTENDING ENGINEER,

OF CALIF.

San Francisco, 24 February 1898.

2/22

P. Smith

From

Wm. O. Rouse, Esq.
Superintending Engineer,

6th Circle.

To

The Chief Engineer,

for Irrigation

ENCLOSURE 2.

*Reviewed by
report Comp. 1898
1. Classified
Abol: P. Smith*

I have the honor to forward for your approval and sanction a revised estimate amounting to \$ 175 for excavating Distributary and field channels from the right abutment of Drop No. 14 in the 9th Branch Channel a Project Table. The estimate is submitted in explanation of that same dated for \$ 1400 in G. O. No. 377 2nd of 24th April 1897. The same amount was required in 1897 in \$ 210. This excess is partly on the enhanced rates for cartwork having to be provided and partly the provision being made for clearing branches which occurred in the place in the Distributary Channel owing to the heavy rains of September 1897 and for raising the right bank of 9th Branch Channel under Drop No. 14 which also was on the left bank after Distributary for a

length of 10 chains. It is pointed out that with soil varying so much as does the soil in many parts of the Division it is impossible to estimate accurately the cost of cutting channels without expending an undue amount of time and money upon the preparation of the estimate. Now on the actual execution of the channel cutting various descriptions of soil such as, hard earth, hard ground, soft rock, & rock are reported to have been met with & rates consequently have to be paid from \$3 to \$20 according to the description of soil as shown in the estimate, while the original estimate provides for only two different rates, viz, \$2-8-0 for earthwork and \$3 per gravel. The Executive Engineer reports that the earthwork has been executed and paid for according to these increased rates. In regard to raising the right bank of the 9 Branch Channel below drop No. 14, a work for which provision should have been made in the original estimate, the Executive Engineer reports that it was intended to make up this portion out of Drains Licence grant for branch channels, but finding that no funds

24

fund to meet the expenditure were
available, provision is not made in the
revised estimate which alone amounts
to \$ 78. In these circumstances I
have accepted the revised estimate
and the increased rates and I re-
-commence that caution may be
accorded to the revised estimate
which is closed as a remunerative
work.

2. A Classified Abstract estimate
is also accompanying the estimate.

I have the honor to be,
Sir,

Your Obedt Servant

J. T. Mordley, Lt Col. R. G.
Bengal Engineers, 11th Lancers

OFFICE OF THE
DIRECTOR
STATE OF CALIFORNIA
DIVISION OF REVENUE
No. 17/10/10

25/1/10
17/10/10