

G.O., No. 741-42^o

DATED 16 August 1897

W. G. L. C.

200
14

300 per

38 1/2 per 100

[Despatch Abstract.]

Classification of Estimates: On despatching that the note by the Chief Engineer for Works regarding the — for the diversion of the Bendamur Cauka Canal and the French channel of the Godavari Delta system be forwarded to the Govt of India, approving that officers proposal to treat the works as replacements not costing more than the original works and to charge the cost to Revenue, and sanctioning the estimates in supersession of the sanctions already accorded.

Classification of Estimates: Forwarding Copy of —
Pro: on Note by the Chief Engineer for Works
regarding the — for the diversion of the Bendamur-
Cauka Canal and the French Channel of the
Godavari Delta System.

Indexed.

J. C. L.

BACK PAPERS.

FURTHER PAPERS.

IRRIGATION.

Government { 1897 } of Madras.
PUBLIC WORKS.

Recd.

1897.

Enclosures

Regd.

Spare copies

G.O., Nos. 741, 742 I., 10th August 1897.

AUGUST.

Classification of Estimates

Forwarding copy of Proceedings on note by the Chief Engineer for Irrigation regarding the — for the diversion of the Bendamurlanka canal and the French channel of the Godávári delta system.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.

READ—again the following papers:—

G.O., No. 255 I., dated 13th March 1897.

" " 296 I., " 20th " "

READ—also the following papers:—

From G. F. HANDCOCK, Esq., Executive Engineer, Górávari Eastern division, to the Superintending Engineer, I Circle, dated Dowlaishweram, 19th April 1897, No. 57 S.

With reference to your endorsement, No. 2761 G.D., dated 28th March 1897, I have the honour to state that no additional area will be irrigated by the new French channel over and above that irrigated by the old channel. The diversion was rendered necessary by the unsafe condition of the river bank which had breached, beside which the old French channel was flowing.

No. 241 G.D.

Copy submitted to the Chief Engineer for Irrigation with reference to G.O., No. 296 I., dated 20th March 1897.

24th April 1897.

(Signed) J. C. LARMINIE,
Superintending Engineer, I Circle.

Memorandum to the Superintending Engineer, I Circle, dated 3rd May 1897, No. I/62 G.D.

With reference to endorsement, No. 241 G.D., dated 24th April 1897, of the Superintending Engineer, I Circle, the undersigned has the honour to observe that, if no additional area was intended to be irrigated by the new French channel, it is not clear why the work was classed as remunerative in paragraph 3 of the Superintending Engineer's letter printed in Proceedings of Madras Government, No. 133 I., dated 10th February 1897.

2. The Superintending Engineer is requested to be so good as to report whether the cost of the new channel exceeds that of the original channel or not, in view to the classification of the estimate being altered, if necessary, with reference to Code II, chapter V, paragraph 37.

(Signed) F. J. WILSON,
for Chief Engineer for Irrigation.

From J. C. LARMINIE, Esq., M.I.C.E., Superintending Engineer, I Circle, to the Chief Engineer for Irrigation, dated Waltair, 31st May 1897, No. 551 G.D.

With reference to G.O., No. 255 I., dated 13th March 1897, I have the honour to inform you that the work in question is pretty similar to that referred to in your memo., No. I/61 G.D. of 30th April 1897. It cannot therefore be considered remunerative.

Memorandum to the Superintending Engineer, I Circle, dated 14th June 1897, No. I/100 G.D.

With reference to letter, No. 551 G.D., dated 31st ultimo, of the Superintending Engineer, I Circle, the undersigned has the honour to request that he will be so good as to report whether the estimate for the diversion sanctioned in G.O., No. 7 I., dated 4th January 1897, exceeds the cost of the original portion of the canal destroyed by flood, in view to the estimate for the permanent diversion being dealt with under Code II, V, 37.

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

From J. C. LARMINIE, Esq., M.I.C.E., Superintending Engineer, I Circle, to the Chief Engineer for Irrigation, dated Camp Cocanada, 15th July 1897, No. 807 G.D.

In reply to your memo., No. I/62 G.D. of 3rd May 1897, I have the honour to state that by the classification "remunerative" was meant that the work belonged to that class, but not necessarily that the work would be a new and additional source of profit.

It is not easy to state in the case of these diversions whether the new work is more costly than was the old, executed many years ago. The probabilities are, that the new will be the more costly as section for section. These detours are longer, while the enhanced cost of labour and materials will also tend to render them more expensive.

There is also the further probability that the original canal was not constructed from the capital account.

These remarks will also reply to your No. I/100 of 14th June 1897. So, there seems no necessity to alter the classification of the estimates in question.

No. 145 I.

Note by the Chief Engineer for Irrigation.

Sanction was accorded to two works of a similar nature in Proceedings of Madras Government, Nos. 7 I., dated 4th January 1897, and 133 I., dated 10th February 1897. The estimates provided for permanent diversions of the Bendamurlanka and French canals of the Górávari delta system to replace portions of the existing canals, which had been cut into by the river during the floods of 1896. The works were originally classed as remunerative capital works by the Superintending Engineer under a misapprehension as to the code meaning of the term "remunerative", and as required by the code for this class of works, reports showing the remunerative character of the works were called for by the Government of India in its letters, Nos. 57 I. and 79 I., dated 18th February 1897 and 3rd March 1897, respectively. It would appear from the above correspondence that the works are not remunerative in themselves and are really replacements of existing works, that is, short pieces of new canals to take the places of the old canals cut into by the river. It is not possible to ascertain the exact cost of the portions of old canals being replaced; but as the new and old works are similar, it is now proposed to treat the works as replacements not costing more than the original works, and to charge the cost to Revenue.

The Superintending Engineer, I Circle, has been requested to comply with the requirements of the Code as regards information to be supplied with regard to classification of estimates submitted to this office in future.

CHEPAK,
28th July 1897.

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

ORDER—No. 741 I., dated 10th August 1897.

The foregoing note by the Chief Engineer for Irrigation will be forwarded to the Government of India, with reference to its letters, Nos. 57 I. and 79 I., dated 18th February 1897 and 3rd March 1897, respectively, the proposal of the Chief Engineer for Irrigation being approved.

G.O., No. 7 I., dated 4th January 1897.

G.O., No. 133 I., dated 10th February 1897.

2. The following estimates are sanctioned in supersession of the sanctions accorded in the orders marginally noted :—

Irrigation.		RS.	RS.
42. Major Works (Working expenses).			
Gódavari Delta System.			
2. Maintenance and Repairs.			
Central Section.			
2. Main Canals and Branches.			
Diversion of Bendamurlanka Canal (Kowsika channel) at Godi.			
1. Land—1. Compensation for land and trees	...	2,426	2,426
11. Earthwork—2. Earthwork	...	620	620
15. Miscellaneous—3. Clearing line and sundries	...	107	
4. Demarcation stones	...	37	144
Total estimate		...	3,190

Eastern Section.		RS.	RS.
Bank Canal.			
3. Distributaries.			
Diversion of French channel from 33/7 to 35/1 of river bank at Pillanka.			
1. Land—5. Compensation for land, &c.	...	1,450	1,450
3. Earthwork—6. Excavating channel	...	240	240
4. Miscellaneous—7. Demarcation stones	...	50	50
Total estimate		...	1,740

3. This sanction is registered as No. 68 I. of 1897-98.

4. The attention of Superintending Engineers will be called to the last paragraph of the note by the Chief Engineer for Irrigation.

[Here enter No. 742 I., dated 10th August 1897.]

(True Extract.)

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

To all Superintending Engineers.
„ the Chief Engineer for Irrigation.
„ the Examiner, Public Works Accounts.

ENDORSEMENT—No. 742 I., dated 10th August 1897.

Forwarded.

(By order.)

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

Exd. T. K. Narayana Aiyangar.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Estimate for diversion of Bendamurlanka Canal & French channel. 10 P
UNDER date the
again
READ the following

P.M.G. No. 255-I dated 13th March 1897.

P.M.G. No. 296-I dated 20th March 1897

Read the following

From the Superintending Engineer First Circle (H.E. No. 241 L.D. of 24-4-97)
To Do Do (H.E. No. I 624 L.D. of 3-5-97)
From Do Do (H.E. No. 551 L.D. of 31-5-97)
To Do Do (H.E. No. I 100-4 L.D. of 14-6-97)
From Do Do (H.E. No. 807 L.D. of 15-7-97)
Note by the Chief Engineer for Irrigation (H.E. No. 145 I.D. of 28-7-97)

Order thereon

The foregoing note by the Chief Engineer for Irrigation will be forwarded to the Government of India, with reference to its letters Nos. 57 I. and 79 I. dated 18th February 1897 and 3rd March 1897 respectively, the proposal of the Chief Engineer for Irrigation being approved.

2 The following estimates are sanctioned in supersession of

Visu No. 255, I. of 13. 3. 97
+ 296, I. of 20. 3. 97

the sanctions accorded in the orders marginally noted: —

GO No 7. I of 4th ^{January} 1897.
GO No 133. I of 10th February 1897

Irrigation

42 Major ^{works} Working expenses
Godavari Delta System

2 Maintenance and Repairs
Central Section

2 Main Canals and Branches

Diversion of Pondamerulanka Canal
(Kowsika Channel) at Godi

1 Land	1 Compensation for land and trees	Rupies	Rupies
		2426	2426
11 Earthwork	2 Earthwork	620	620
15 Miscellaneous	3 Clearing line and sundries	107	
	4 Demarcation Stones	37	144

Total estimate 3190

Eastern Section

Bank Canal

3 Distributaries

Diversion of French Channel from
33/7 to 35/1 of river bank at Pillanka

1 Land	5 Compensation for land &c	Rupies	Rupies
		1450	1450
3 Earthwork	6 Excavating Channel	240	240
4 Miscellaneous	7 Demarcation Stones	50	50

Total estimate 1740

3 This sanction is registered as
No 68 I of 1897-98.

4 The attention of Superintending
Engineers will be called to the
last para of the note by the
Chief Engineer for Irrigation

No 742, D. 10. August 1897

Endorsement
Forwarded

To. All Superintending Engineers
The Chief Engineer for Irrigation
The Examiner Public Works Accounts

Dated 24.8.97.

28.7.97 W.H.
I

Public Works (1897) Department.

CURRENT No. 7905

Print soon

Order

From

The Chief Engineer
for Immigration

No. 145. J

Dated 28. 7. 97

Received 9. 8. 97

Enclosures 5

Spare copies

SUBJECT.

Reversion of Bandamulaka
and French Channel.
Note recommending purchase
the revised estimate for the

28. 9

Refd 16/8/97

W. J. G.

FURTHER PAPERS.

No.	Date.

N^o 145. J

Note by the Chief Engineer for Irrigation

Sanction was accorded to two works of a similar nature in P. M. L. No 79 and 133 J. dated 10-2-97. The estimates provided for permanent diversions of the Bundamurlanka and French canals of the Godavary Delta system to replace portions of the existing canals, which had been cut into by the river during the floods of 1896. The works were originally classed as remunerative capital works by the Superintending Engineer under a misapprehension as to the code meaning of the term remunerative, and as required by the code for this class of works reports showing the remunerative character of the works were called for by the Government of India in its letters Nos 57 J and 79 J dated 18th February 1897 and 3rd March 1897 respectively. It would appear from the above correspondence that the works are not remunerative in themselves and are really replacements of existing works that is, short pieces of new canals to take the places of the old canals cut ~~out~~ ^{into} by the river. It is not possible to ascertain the

the exact cost of the portions of old canals being replaced, but as the new and old works are similar, it is now proposed to treat the works as replacements not costing more than the original works and to charge the cost to Revenue

The Superintending Engineer First Circle has been requested to comply with the requirements of the code as regards information to be supplied with regard to classification of estimates submitted to this office in future.

Chepak }
28 July 1897 }
W. Hughes.
Chief Engineer for Irr.

To The Joint Secretary to Govt. P.W.D.
Irrigation Branch.

Public Works (1897) Department.

CURRENT No. 158 G.D.

Order

From J.C. Larnie Esq.
Suptg. Engineer, P.W.D.
To The Chief Engineer for Irrigation

No. 807 G.D.

Dated 15.7.97

Received 22.7.97

Enclosures -

Spare copies

SUBJECT.

New French Channel and
Diversion of the Budgamulanka
Canal at Gori - Reporting
that the classification of the
Estimates for - does not
require any alteration.

1/11/97

1/11/97

Paper

FURTHER PAPERS.

G.O.	No.	Department.	Date.
I 62	Q 27	3.5.97	
I 100	Q 27	14.6.97	

No. 8076D.

FROM

J. B. Larumino Esq. N. J. Co.
SUPERINTENDING ENGINEER

FIRST CIRCLE.

TO

THE CHIEF ENGINEER

PUBLIC WORKS DEPARTMENT.

Camp Dowlai Cossamda
~~DOWLAISHWERAM,~~

15 $\frac{2}{189}$ 7.

SIR,

SIR,

In reply to your memo No. I 43 5
62 GP 11

* on trip herewith -
next to Proc No 6242
in file.

I have the honour to state that the classification "premunerative" was meant that the work belonged to that class but not necessarily that the work would be a new and additional source of profit.

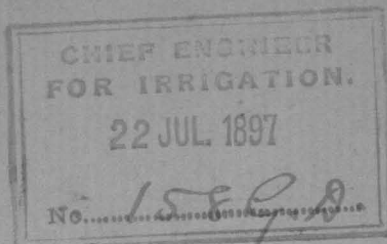
It is not easy to state in the case of these Diversions whether the new work is more costly than was the old, executed many years ago. The probabilities are that the new will be the more costly as section for section. These detours are longer while the enhanced cost of labor and materials will also tend to render them more expensive.

There is also the further probability
that the original canal was not constructed
from the Capital account.

⊕ In this Memo
please see linked to your
file of Proc. No 6240 (8)
InhrB/1

These remarks will also reply
No: $\frac{I \oplus}{100}$ of 14 $\frac{6}{94}$. So, there seems
no

no necessity to alter the Classification of
the Estimates in question.



I have the honour to be,

Sir,

Yours most obedt St.

J. C. Latminie

Superintending Engineer

1st. Civil

lv

Public Works (1897) Department.

CURRENT No. 12048

Order

$\frac{1}{100}$ G.D. 110

With reference to letter
No. 551 G.O. of 31 ult. of the
Supg. Engr. I Civil. the
undersigned has the
honour to request that he
will be so good as to
report whether the estimate
for the diversion sanc-
tioned in G.O. No. 73 of
4 Jan 1897, under the
cost of the original portion
of the Canal destroyed by
flood, in view to the
estimate for the permanent
diversion being dealt
with under Code II, V. 37.

From J. C. Latminie, Esq.,
Supg. Engineer, 18 miles,
To The Chief Engineer for Irrigation
No. 551 G.D.

Dated 31.5.97.

Received 8 June 1897

Enclosures

Spare copies

SUBJECT.

Work referred to in G.O. No. 2582
13.3.97
States that the — cannot be con-
sidered remunerative.

Pass 5-
7505/57

JH
14/6
97.

67H
14.6.97

To The S.E. I
1008
4/6/97

1008 9/6/97

Papers

1008 9/6/97

BACK PAPERS.

FURTHER PAPERS.

G.O.	No.	Department.	Date.
Q	185	13397	
I	6142	30497	

G.O.	No.	Department.	Date.
	Isam	10042	14657
	Mc	6240	717697

Q. 185
7905/57

No. 551 G.D.

FROM

J. Chamminie Esq. M. J. C. E.
SUPERINTENDING ENGINEER,

FIRST CIRCLE.

Enclosures.

TO

THE CHIEF ENGINEER

FOR IRRIGATION.

WALTAIR,

31st May 1897

SIR,

With reference to G.O. no. 255I, I
have the honour to inform you that
the work in question is pretty similar
to that referred to in your memo No. I
of 30.4.97. It cannot therefore be
considered remunerative.

I have the honour to be
Sir
Yours Most obedt St

J. Chamminie
Suptg Engr I Circle
31/5

FROM

SUPERINTENDING ENGINEER,
FIRST CIRCLE.

TO

THE CHIEF ENGINEER

FOR IRRIGATION.

DATED
DESPATCHED
RECEIVED

189

No.

ENCLOSURES.

SUBJECT.



Public Works (1897) Department.

CURRENT No. 8242

Order

memo

with endorsement

endorsement, no 241 90, of
24 April 197, of the S.E. 1st
Circ. The undersigned has
the honor to observe that
if no addl area was to be
irrigated by the new French
channel it is not clear
why the work was classed
as remunerative in para
3 of the S's letter printed
in Pang no 1339 of 10 Feb 197.

2. The S.E. is requested to
report whether the cost of the new channel
exceeds that of the original
channel or not in view of
the classification of the
work being altered is
necessary with reference
to Art 5, Chap V, para 37,

From

J.C. Larmine Esq.
Supg Engineer, 1st Div.
The Chief Engineer for Irrigation

No. 241 67.

Dated 24.4.97.

Received 30.4.97

Enclosures -

Spare copies

SUBJECT.

French Channel - Submits
Copy of the Governor's Eastern S.E.
Office's letter stating that no
additional area will be irri-
gated by the diversion of the
- which was rendered necessary
by the unsafe condition of the
River Bank.

To the S.E. 1st Circ. 3/5/97
less 11/5/97

less 30/4/97

BACK PAPERS.

FURTHER PAPERS.

Account G.O. or Issue	No.	Department.	Date.
R 1891	20		3-27
R 99	J		10-2-97

G.O.	No.	Department.	Date.
Issue	6280		3-5-97
Rice	6242		6-97

No. 575

Godavari Eastern Division Office
Dorlaishwaram 19th April 1897.

From

G. F. Hancock Esquire

Executive Engineer, G. Eastern D.

Y

J. C. Lammie Esquire M. I. C. E.

Superintending Engineer 1st Circle

Sir,

With reference to your endorsement No. 2461 G.D. dated 28th March 1897, I have the honor to state that no additional area will be irrigated by the new French Channel over and above that irrigated by the old Channel. The diversion was rendered necessary by the unsafe condition of the river bank which had breached beside which the old French Channel was flowing.

I have the honour to be

Sir,

Your Most obedient Servant.

No. 241 G.D. dated 24.3.97
Sd/ G. F. Hancock
Exec Engr

Copy submitted to the Chief Engineer for Irrigation with reference to G.O. No. 2963 20.3.97

J. C. Lammie

Suptg Engineer 1st Circle

6/6
23/4

Case 1
905/97

CHIEF ENGINEER
FOR IRRIGATION.
30 APR 1897
No. 1824

8

Government {1897} of Madras.
PUBLIC WORKS.

not present

CHIEF ENGINEER
FOR IRRIGATION.
23 MAR 97
No. 1859

Recd. } 1897.
Regd. } Enclosures
Spare copies

G.O., No. 255 I., 13th March 1897.

MARCH.

Bendamurlanka Canal

Government of India letter pointing out that as the estimate of Rs. 3,370 for the diversion of the — at Godi, Gódávāri Central delta, has been classed as remunerative, a report indicating its remunerative character should be submitted, communicated to Superintending Engineer, I Circle, for early submission of the report.

0250
7505/97

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.

READ—the following paper :—

From N. F. MACKENZIE, Esq., Under Secretary to the Government of India, Public Works Department (Civil Works—Irrigation), to the Joint Secretary to the Government of Madras, Public Works Department, Irrigation Branch, dated Calcutta, the 18th February 1897 No. 57 I.

With reference to the Proceedings of the Government of Madras, No. 7 I., dated the 4th January 1897, sanctioning an estimate amounting to Rs. 3,370 for the diversion of the Bendamurlanka canal at Godi, Gódávári Central delta, forwarded under your memo. No. 8 I., dated the 4th idem, I am directed to point out that as the work has been classed as remunerative, the report indicating its remunerative character should be submitted in accordance with paragraph 35-V (b), chapter V, volume II, Public Works Department Code.

ORDER—No. 255 I., dated 13th March 1897.

Communicated to the Superintending Engineer, I Circle, who will furnish, as soon as possible, the report called for by the Government of India.

(True Extract.)

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

To the Chief Engineer for Irrigation.
" Superintending Engineer, I Circle.
" Examiner, Public Works Accounts.

Exd. A. F. Eccleston.

Public Works (1897) Department.

CURRENT No. 180. I

Order

From

Govt. P. W. D.
I. B.

No. 296. I.

Dated 20th March/97

Received 23. 3. 97

Enclosures

Spare copies

SUBJECT.

Diversion of the French channel
from riv. 33-7 & 35-1 of
Riv. Chank at Pillaika in
Godavari Eastern dist.

Conty to S. I. with a request
that the information called
for by the G. of I. in its letter No 79. I
as to the remunerative character of
the — may be submitted at an early date.

Record

less
23/3/97

24/3
57

At 25-27

BACK PAPERS.

No.	Date.
R 998 -	12-2-97.

FURTHER PAPERS.

No.	Date.
X 8288	24-4-97
I 62-60	3.5-97.
phc 6242	17-6-97

Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following:-

From the Government of India, Public Works Department, No: 79 I., dated 3rd March 1897:-

With reference to the Proceedings of the Government of Madras, No: 133 I., dated the 10th February 1897, sanctioning an estimate amounting to Rs. 1,810-0-0 for the diversion of the French Channel from miles 33-7 to 35-1 of river bank at ~~Rixx~~ Pillanka in the Godavari Eastern Division, forwarded under your Memorandum No: 134 I., dated the 10th February 1897, I am directed to point out that as the work has been classed as remunerative, the report indicating its remunerative character should be submitted in accordance with paragraph 35 -V(b) Chapter V, Volume II, Public Works Department Code.

Order thereon No. 296 of 20th March 1897

Communicated to the Superintending Engineer I Circle who will furnish, at an early date, the information called for by the Government of India. The revenue dependent on the carrying out of the work should be reported.

(True Extract)

C. H. B. B. B. B.

Under Secretary, P. W. D.,
Irrigation Branch.

The Chief Engineer for Irrigation.
,, Superintending Engineer I Circle.

CHIEF ENGINEER
FOR IRRIGATION.
79 MAR 27
1897

Public Works Department.

PROCEEDINGS OF THE BOARD OF IRRIGATION.

Read the following:-

From the Government of India, Public Works Department, No:

79 L, dated 2nd March 1897:-

With reference to the Proceedings of the Government of
Madras, No: 133 L, dated the 10th February 1897, sanctioning an
estimate amounting to Rs. 1,810-0-0 for the diversion of the
French Channel from miles 33-7 to 35-1 of river bank at Kikk
Pillai in the Godavari Western Division, forwarded under
your Memorandum No: 134 L, dated the 10th February 1897, I am
directed to point out that as the work has been classed as
remunerative, the report indicating its remunerative character
should be submitted in accordance with paragraph 35 - V (b)
Chapter V, Volume II, Public Works Department Code.

Order thereon No. 297 of 20 March 1897
Communicated to the Superintending Engineer I Circle
who will furnish, at an early date, the information called
for by the Government of India. The revenue dependent on the
carrying out of the work should be reported.

(True Extract)

[Signature]

Under Secretary, P.W.D.,
Irrigation Branch.

The Chief Engineer for Irrigation,
Superintending Engineer I Circle.