Public Works (1897) Department.

G.O., No. 296

DATED 2 March 97

[Despatch .Abstract.]

Diversion of the Breach Channel at Pellanka.

Forwg Govt's letter ~~regarding~~ pointing out that as the estimate for the — in the Godavari Eastern Dt has been classed as Remunerative, a report on its remunerative character should be submitted, Comt Dt 6 S.E.I Circle with remarks.

[P.W. 25. 1,000—1-10-96.]

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.
	1334	S	10-2-97				

FURTHER PAPERS.

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

Public Works (1897) Department.

CURRENT No. 2506.

B/Sec

Order No. 296 I of 20-3-97

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

From The Govt. of India, P. W. Department.

No. 791.

Dated 3-3-97

Received 9-3-97

Enclosures

Spare copies

SUBJECT.

Diversion of the French Channel at Pillauka, Goa-vari:- Stating that as the work —— has been classed as remunerative, the report indicating its remunerative character should be submitted

To The Chief Engr: for disp:
" Supg Engr: I Circle.

[P. W. 29. 2,000—16-11-96.]

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

All communications should be addressed to the Secretary.

No. 79 I.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

CIVIL WORKS.
Irrigation.

To

The Secretary to the Government of Madras,

Public Works Department.

Calcutta, the 3rd March 1897.

Sir,

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 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.

I have the honour to be,

Sir,

Your most obedient servant,

N. F. Mackenzie

Under Secy. to the Govt. of India.

Documents accompanying:- Nil.

B.C.

Public Works (1897) Department.

G.O., No. 133-49

DATED 10-February 1897

[Despatch Abstract.]

Diversion Pa channel: Estimate Pf Rs. 1810 for diversion Pf Drench Channel from 33/7 to 35/1 Pf River bank at Pillanka in Ha Edwari Eastern D n sanctioned, Pa ch 2 Pf the Prov, rded the forwarded to the Govt Pg Zara

Diversion Pa channel Forwarding Govt Pf Prov. sanctioning an estimate Pf Rs. 1810 for diversion Pf Drench Channel from 33/7 to 35/1 Pf River bank at Pillanka in Edwari Eastern D

[illegible] T.C. 10/2/97 Inlaid 11/2

40 cattle

BACK PAPERS.

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

FURTHER PAPERS.

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

IRRIGATION.
ACCOUNT.

Government {1897} of Madras.

PUBLIC WORKS.

Recd. } 1897. *Enclosures*
Regd. } *Spare copies*

G.O., Nos. 133, 134 I., 10th February 1897.

FEBRUARY.

Diversion of a Channel

Forwarding copy of Proceedings sanctioning an estimate of Rs. 1,810 for diversion of French Channel from 33/7 to 35/1 of river bank at Pillanka in Gódávari Eastern Division.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following paper:—

From J. C. LARMINIE, Esq., M.I.C.E., Superintending Engineer, I Circle, to the Chief Engineer for Irrigation, dated 2nd January 1897, No. 2094 G.D.

I have the honour to submit herewith for sanction an estimate amounting to Rs. 1,740 under Capital account for "Diversion of French channel from 33/7 to 35/1 of river bank at Pillanka" in the Gódávari Eastern Division.

2. The necessity for the work is explained in the report accompanying the estimate.

3. The work is classed as remunerative and will be completed before the close of 31st March 1899, as the settlement of compensation will probably be in progress till about that time.

4. Early sanction to the estimate is requested and the Executive Engineer has been authorized to start the work in anticipation of sanction.

5. The other two works "Diversion of river bank at Pillanka" and "Diversion of Pillanka drain which crosses the proposed river bank" referred to in the report have been sanctioned by me.

ENCLOSURES.

ESTIMATE form—Abstract—Classified.

Sub-head.	Names of works.	Amount of Estimate for individual works.	Total of sub-heads.	Total for each canal or distributary.	Total of each main head.
1	2	3	4	5	6
	CAPITAL EXPENDITURE NOT CHARGED TO REVENUE.	RS.	RS.	RS.	
	49. *Irrigation.*				
	Gódávari Delta System.				
	Eastern Section.				
	Open Capital Account.				
	Bank Canal.				
	3 Distributaries.				
	Diversion of French Channel.				
	Remunerative Work.				
2. Land	(1) Compensation for land, &c.	1,450			
4. Earthwork ..	(2) Excavating channel	240	1,450		
5. Miscellaneous ..	(3) Demarcation stones	50	240		
	Total I Works ..	..	50	1,740	
	II Establishment ..	..	..	67	
	III Tools and Plant ..	..	..	3	
	Total Estimate ..	..	..	1,810	

REPORT to accompany the estimates for diversion of river embankment, French Channel, and Pillanka drain at Pillanka (from French Channel Head sluice, 33 miles and 7 furlongs to 35 miles and 1 furlong).

		RS.
Amount of estimate for river bank		9,850
Do. do. for French Channel		1,740
Do. do. for Pillanka drain		260
Total ...		11,850

2. The river margin between 34th and 35th miles has been protected by stone and nanel revetment, except at the first two furlongs and last one furlong, where big branches of trees have been put into the river to prevent erosion. The stone-protected portion is quite safe; and the tree-protected portions are unsafe and the protection of this portion of the margin with stone revetment will be very costly, as the river is very deep here and there is no berm to slope off, the river having encroached up to the bank itself.

3. It is, therefore, proposed to divert the French Channel and river bank (from French Channel sluice) along the line shown on the survey.

4. The proposed diversion line crosses the Pillanka drain at 3,970 feet and at 5,575 feet from the starting of the diversion, and it is proposed to divert the drain also along with the river bank and French Channel, as the construction of syphons would be more costly.

5. The bottom width of the French Channel will be 9 feet with side slopes of 1 : 1. The banks will be 1 foot 6 inches above F.S.L. with a top width of 3 feet and side slopes of $1\frac{1}{2}$: 1. A berm of 6 feet will be left on the river bank side and 4 feet 6 inches on the channel and drain side as shown on the sections. The river bank will be 3 feet above M.F.L with a top width of 9 feet and side slopes of $1\frac{1}{2}$: 1. The bottom width of the drain will be 5 feet with side slopes of 1 : 1. This drain will be a catch drain without left bank, and will have for its right bank, the left bank of the French Channel.

6. Owing to the very high cost of the land it is proposed to occupy only such land as is actually required without providing for any margin beyond the channel bank and the drain. The right margin is required for obtaining earth for the river bank and is only what is just wanted.

7. Before work is commenced the width of land to be occupied by the channel and drain cuttings, and by the river bank will be lock-spitted, and the ground to be occupied by the river bank will be cleared of vegetation and the surface broken up.

8. By the throwing back of the river bank several houses and huts will be left unprotected, but this is unavoidable.

9. The provision in the estimate for land compensation is not final.

(Signed) A. G. ROMILLY,
Executive Engineer, Eastern Division, Gódávari.

ORDER—No. 133 I., dated 10th February 1897.

The estimate, amounting to Rs. 1,810, for diversion of French Channel from 33/7 to 35/1 of river bank at Pillanka, in the Gódávari Eastern Division, is sanctioned.

2. This sanction is registered as No. 169 I. of 1896-97, and will expire on the 31st March 1899.

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

[Here enter No. 134 I., dated 10th February 1897.]

(True Extract.)

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

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

ENDORSEMENT—No. 134 I., dated 10th February 1897.

Forwarded.

(By order.)

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

Erd. Shaik Karim.

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

PUBLIC WORKS DEPARTMENT,

IRRIGATION BRANCH.

P. 133 Jan (10-2-97)

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 10th February

READ the following

From Supdg Engr. 1st Circle, No. 2094-G.D. of 2nd Jan 197.

The estimate, amtg. to Rs 1810, for diversion of French channel from 33/7 to 35/1 of river bank at Pillanka, in the Godavari Eastern Dn, is sanctioned.

2. This sanction is registered as No. 169 I of 1896/97 & will expire on the 31st March 199.

3. Ordered that a copy of these Proc: be forwarded to the

Govt of India for information.
Endorsement No. 134 Ja (10-2-97)
Forwarded.

WH. 30.1.97

25/1/97

To the Chief Engr for I.
Supdg Engr 10th Circle with 8 encls.
EE 7-2-97

LCE 25/1

E. I. Form No 1—1,000—27-11-95.

HE 3/2 R 6.2

C.E.I. 15-1-97.

Public Works (1896) Department.

1435

CURRENT No. 8. 97.

Order

From J. C. Larminie Esq
Supg. Engr. I Circle.

To The Chief Engineer for Irrigation

No. 2094 G.D.

Dated 2-1-97
Received 7-2-97.
Enclosures 7- 10 (2 Plans)
Spare copies

SUBJECT.

Diversion of French Channel from 33/7 to 35/1 of Rivi bank at Pillanka in the Godavari Eastern Division.—Submits an Estimate of Rs 1740/- for the —for Sanction.

Entered 8/1 15/1/97 BR

11-1-97

1/1

BACK PAPERS.

G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.

R 899/97

Report to accompany the Estimates for Diversion of River Embankment, French channel, and Pillauka Drain at Pillauka (from French ch^l^ Head Sluice - 33 miles 57 furlongs to 35 m^s^ 1 furlong.

SUPERINTENDING ENGINEER No. 13115 7 NOV. 96 FIRST CIRCLE

1 Amount of Estimate for river bank - Rs 2850 4000
—do— for French ch^l^ Rs 1,710 2100
—do— for Pillauka Drain Rs 260
Total Rs 11010 14850

SUPERINTENDING ENGINEER No. 15530 17 DEC. 96 FIRST CIRCLE

2 The river margin between 34 m^s^ & 35 m^s^ miles has been protected by stone and bench revetment except at the first two furlongs and last one furlong, where big branches of trees have been put into the river to prevent erosion. The stone protected portion is quite safe; and the unprotected portions are unsafe and the protection of this portion of the margin with stone revetment will be very costly as the river is very deep here and there is no berm to slope off, the river having encroached up to the bank itself.

3 It is, therefore proposed to divert the French ch^l^ and river bank (from French ch^l^ sluice) along the line shown on the survey.

4 The proposed diversion line crosses the Pillauka Drain at 3970 feet and at 5575 feet from the starting of the diversion, and it is proposed to divert the drain also along with the river bank and French ch^l^, as the construction of syphons would be more costly.

5 The bottom width of the French channel will be 9 feet with side slopes of 1:1. The banks will be 1-6" above F.S.L with a top width of 3 feet and side slopes

slopes of 1½:1. A berm of 6 feet will be left on the river bank side and 4'-6" on the channel and drain side as shown on the Section. The river bank will be ~~+3-0~~ above M.F.L with a top width of 9' and side slopes of 1½:1. The bottom width of the drain will be 5 feet with side slopes of 1:1. This drain will be a catch drain without left bank, and will have for its right bank, the left bank of the French channel.

6 Owing to the very high cost of the land it is proposed to occupy only such land as is actually required without providing for any margin beyond the channel bank and the drain. The right margin is required for obtaining earth for the river bank and is only that is just wanted.

7 Before work is commenced the width of land to be occupied by the channel and drain cuttings and by the river bank will be lock-spitted, and the ground to be occupied by the river bank will be cleared of vegetation and the surface broken up.

8 By the throwing back of the river bank several houses and huts will be left un-protected, but this is unavoidable.

9 The provision in the Estimate for land compensation is not final.

Superintending Engineer
1st circle.
2/1/97

Executive Engineer
Eastern Division G.

P.W. 4-1/1435/97

CHIEF ENGINEER FOR IRRIGATION 24 JAN 97 No.

* what possible reason can there be for this arrangement?

R 889

ESTIMATE FORM—Abstract—Classified.

Sub-head.	Names of Works.	Amount of Estimate for individual Works.	Total of Sub-heads.	Total for each Canal or Distributary.	Total of each Main head.	Remarks.
1	2	3	4	5	6	7
	Capital Expenditure not charged to Revenue.					
	49 Irrigation.					
	Godavari Delta System Eastern Sector					
	Open Capital Account					
	Diversion of French ch[l]					
	3 Distributaries					
	Bank Canal					
	Remunerative Work					
	~~Works~~					
2 Land	(1) Compensation for land ₹	1450				
			1450			
4 Earthwork	(2) Excavating channel	240				
			240			
8 Miscellaneous	(3) Demarcation Stones	50				
			50			
				1740		
	Total I Works			1740		
	II Establishment			67		
	III Tools & Plant			3		
	Total Estimate			1810		

Station Camps
Dated 2-1-97

Executive Engineer.
2/1 Supt. 1st circle.

Comp. No. 20/12/96.

29-12-96

CHIEF ENGINEER FOR IRRIGATION. 2 JAN 97 No.

(E. No. 126.)

First Circle.

Division— Eastern

District Godavari

ESTIMATE FORM—Abstract—Classified.

To accompany the Detailed Estimate No.

of 189 -9 for* Diversion of French channel from $\frac{33}{7}$ to $\frac{35}{1}$ of River bank at Pillanka.

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* Here enter the Name and Description of work in full.

P.W. E.2/1435/97

No. 2094 G.D.

R.E.Ed 11.1.97

FROM

J. C. Lamunière Esquire M.I.C.E.
SUPERINTENDING ENGINEER,

FIRST CIRCLE.

Enclosures. TO

THE CHIEF ENGINEER
FOR IRRIGATION.

~~WALTAIR~~, 2nd January 1897.

SIR,

I have the honor to submit herewith for sanction an estimate amounting to Rs 1740 under Capital account for "Diversion of French channel from $\frac{33}{7}$ to $\frac{35}{1}$ of River bank at Pillanka" in the Godavari Eastern Division.

2 The necessity for the work is explained in the report accompanying the estimate.

3. The work is classed as remunerative and will be completed before the close of 31st March 1899 as the settlement of compensation will probably be in progress till about that time.

4. Early sanction to the estimate is requested and the executive Engineer has been authorized to start the work in anticipation of sanction.

was to be completed

5. The other two works "Diversion of river bank

S. E. I.
1 500—29-2-96.

CHIEF ENGINEER FOR IRRIGATION. 14 JAN 97.

FROM

SUPERINTENDING ENGINEER,

FIRST CIRCLE.

TO

THE CHIEF ENGINEER

FOR IRRIGATION.

DATED
DESPATCHED } 189 .
RECEIVED

No.

ENCLOSURES.

SUBJECT.

bank at Pillanka" and "Diver-
-sion of Pillanka drain which
crosses the proposed river bank"
referred to in the Report
have been sanctioned by me.

I have the honor to be
Sir
Your most obedt. Servant

J C Cadenhead
Superintending Engineer
2/1/97 1st Circle

lot
31/12

3