Public Works (1897) Department.

G.O., No. 579 I

DATED 25 June 1897

25/6/97

[Despatch Abstract.]

Expenditure: Authorizing the Examiner of P. W. Accounts with remarks to pass the — incurred on certain completed works in Kistna Eastern Dn

100/11

Recd

J C 1
25.6.97

[P.W. 21.
1,600—30-11-96.]

Indexed.

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., No. 579 I., 25th June 1897.

JUNE.

Expenditure

Authorizing the Examiner of Public Works Accounts, with remarks, to pass the — incurred on certain completed works in Kistna Eastern division.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

Read—the following papers :—

Statement showing works which have been exceeded by more than 5 per cent. requiring sanction of Government under paragraph 119 C., Chapter III, Volume I of Government of India Code.

Item number.	Name of work.	Amount of estimate.	Outlay up to date.	Excess.	Percentage of excess.	Explanation already furnished.	Further explanation now furnished.
		RS.	RS.	RS.			
1	Demarcating Masulipatam canal.	605	656	51	8·43	Excess is due to the low rate provided in the estimate for stones.	The amount of the estimate sanctioned in G.O., No. 246 I., dated 19th April 1888, is Rs. 705 and not Rs. 605 and hence there is no excess.
2	Medur Channel, excavation, Masulipatam canal.	5,850	6,814	964	16·47	The channel was silted up when the excavation was in progress and the same had to be cleared; hence the excess.	Sanctioned section shows end of work at $^{10}_{2}$ C.S. No. 82, which agrees with the estimate. When setting out the work, it was found that the distance had been wrongly shown on section, correct distance down to C.S. No. 82 being 10 miles 6⅓ furlongs, there having been an error of 1½ furlongs in old channel up to drop No. 2 and a further error of 3 furlongs between drop No. 2 and C.S. No 82. The channel was actually excavated up to Bhimanadi drain so as to allow water to be surplussed; this brought the total length up to 11 miles 2½ furlongs. The old portion of the channel was found to be silted up and had to be cleared near head. The excess, therefore, was due to excavating an extra length of 1 mile 0½ furlong and to removing silt.
3	Constructing halting sheds at Nidumole lock.	390	760	370	94·87	Excess is due to heavy change for doors and windows in workshops.	The excess is due to the following reasons :— (1) The basement having had to be raised, earth had to be brought from a distance. (2) Larger wooden posts and wall plates were fitted than those provided in the estimate. (3) Grass, &c., for thatching proved more expensive than was anticipated. (4) The estimate provided for batten doors and windows of jungle wood, but teak venetian doors were supplied from workshops. (5) Some extra work, such as providing a punkah and rough stone in mud walls for back room and brick in mud walls for back pillars to support door frames was also done.

Statement showing works which have been exceeded by more than 5 per cent., &c.—*cont.*

Item number.	Name of work.	Amount of estimate.	Outlay up to date.	Excess.	Percentage of excess.	Explanation already furnished.	Further explanation now furnished.
		RS.	RS.	RS.			
4	Constructing head sluice to Bhimanadi channel.	1,780	2,077	297	16·68	The excess is due to no provision being made in the estimate for towpath bridge and for inadequate provision for excavating foundations.	Actual cost of excavating foundations is Rs. 239 against Rs. 30, provided in estimate. Towpath bridge in front of the sluice was not provided in the estimate and cost Rs. 219.
5	Constructing road culvert on Lingavaram channel.	610	790	180	29·51	Due to extra depth of foundations in concrete and toll gate charges which were not provided in the estimate and also due to extra charges for demolishing old work and for constructing sheds which were insufficiently provided in the estimate.	Due to extra depth of foundations in concrete and to extra charges for demolishing old work and for constructing sheds which were insufficiently provided in the estimate and also due to toll gate charges for carting materials which were not provided in the estimate. All these were carried out under orders from Mr. C. A. Smith, Executive Engineer.

Forwarded to the Superintending Engineer, II Circle, with reference to his endorsement, No. 2441 K.E., dated 1st December 1896, on Chief Engineer's memo. No. II/179 K.S., dated 21st November 1896.

(Signed) J. S. WILSON,
Ex. Engr., Kistna Eastern Divn.

No. 156 K.E.

Forwarded to the Chief Engineer for Irrigation, with reference to his No. II/179 K.S., dated 21st November 1897.

2. Explanation for the other works on which there has been excess outlay will be submitted as soon as it is received from the Executive Engineer, Kistna Eastern division.

(Signed) W. L. C. BADDELEY, Major, R.E.,
Superintending Engineer, II Circle.

13th April 1897.

Statement showing the works which have been exceeded by more than 5 per cent. requiring sanction of Government under paragraph 119 C., Chapter III, Volume I of Government of India Code.

Item No.	Name of work.	Amount of estimate.	Outlay up to date.	Excess.	Percentage of excess.	Explanation already furnished.	Further explanation now furnished.
		RS.	RS.	RS.	RS.		
1	Constructing head sluice to Kamalapuram North side Channel.	1,040	1,193	153	14·71	Due to extra work found necessary.	The excess is due to (1) 525 square feet of dressed face stone work provided for in the detailed estimate, omitted in the abstract. 2. The drop wall having been built in with dressed face stone instead of rubble as provided in the estimate.
2	Constructing Regulator to Butlercodu at 6 miles 1,980 feet.	530	578	48	9·06	The excess is due to heavy rate for carting materials.	The estimate provided for carting materials along a short cut. But as this was found impossible on account of channels and slush, they had to be carted along a circuitous route. Hence excess.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following papers :—

STATEMENT showing works which have been exceeded by more than 5 per cent. requiring sanction of Government under paragraph 119 C., Chapter III, Volume I of Government of India Code.

Item number.	Name of work.	Amount of estimate.	Outlay up to date.	Excess.	Percentage of excess.	Explanation already furnished.	Further explanation now furnished.
		RS.	RS.	RS.			
1	Demarcating Masulipatam canal.	605	656	51	8·43	Excess is due to the low rate provided in the estimate for stones.	The amount of the estimate sanctioned in G.O., No. 246 I., dated 19th April 1888, is Rs. 705 and not Rs. 605 and hence there is no excess.
2	Medur Channel, excavation, Masulipatam canal.	5,850	6,814	964	16·47	The channel was silted up when the excavation was in progress and the same had to be cleared; hence the excess.	Sanctioned section shows end of work at $\frac{10}{2}$ C.S. No. 82, which agrees with the estimate. When setting out the work, it was found that the distance had been wrongly shown on section, correct distance down to C.S. No. 82 being 10 miles 6½ furlongs, there having been an error of 1¼ furlongs in old channel up to drop No. 2 and a further error of 3 furlongs between drop No. 2 and C.S. No 82. The channel was actually excavated up to Bhimanadi drain so as to allow water to be surplussed; this brought the total length up to 11 miles 2½ furlongs. The old portion of the channel was found to be silted up and had to be cleared near head. The excess, therefore, was due to excavating an extra length of 1 mile 0½ furlong and to removing silt.
3	Constructing halting sheds at Nidumole lock.	390	760	370	94·87	Excess is due to heavy change for doors and windows in workshops.	The excess is due to the following reasons :— (1) The basement having had to be raised, earth had to be brought from a distance. (2) Larger wooden posts and wall plates were fitted than those provided in the estimate. (3) Grass, &c., for thatching proved more expensive than was anticipated. (4) The estimate provided for batten doors and windows of jungle wood, but teak venetian doors were supplied from workshops. (5) Some extra work, such as providing a punkah and rough stone in mud walls for back room and brick in mud walls for back pillars to support door frames was also done.

Statement showing works which have been exceeded by more than 5 per cent., &c.—*cont.*

Item number.	Name of work.	Amount of estimate.	Outlay up to date.	Excess.	Percentage of excess.	Explanation already furnished.	Further explanation now furnished.
		RS.	RS.	RS.			
4	Constructing head sluice to Bhimanadi channel.	1,780	2,077	297	16·68	The excess is due to no provision being made in the estimate for towpath bridge and for inadequate provision for excavating foundations.	Actual cost of excavating foundations is Rs. 239 against Rs. 30, provided in estimate. Towpath bridge in front of the sluice was not provided in the estimate and cost Rs. 219.
5	Constructing road culvert on Lingavaram channel.	610	790	180	29·51	Due to extra depth of foundations in concrete and toll gate charges which were not provided in the estimate and also due to extra charges for demolishing old work and for constructing sheds which were insufficiently provided in the estimate.	Due to extra depth of foundations in concrete and to extra charges for demolishing old work and for constructing sheds which were insufficiently provided in the estimate and also due to toll gate charges for carting materials which were not provided in the estimate. All these were carried out under orders from Mr. C. A. Smith, Executive Engineer.

Forwarded to the Superintending Engineer, II Circle, with reference to his endorsement, No. 2441 K.E., dated 1st December 1896, on Chief Engineer's memo. No. II/179 K.S., dated 21st November 1896.

(Signed) J. S. WILSON,
Ex. Engr., Kistna Eastern Divn.

No. 156 K.E.

Forwarded to the Chief Engineer for Irrigation, with reference to his No. II/179 K.S., dated 21st November 1897.

2. Explanation for the other works on which there has been excess outlay will be submitted as soon as it is received from the Executive Engineer, Kistna Eastern division.

(Signed) W. L. C. BADDELEY, Major, R.E.,
Superintending Engineer, II Circle.

13th April 1897.

STATEMENT showing the works which have been exceeded by more than 5 per cent. requiring sanction of Government under paragraph 119 C., Chapter III, Volume I of Government of India Code.

Item No.	Name of work.	Amount of estimate.	Outlay up to date.	Excess.	Percentage of excess.	Explanation already furnished.	Further explanation now furnished.
		RS.	RS.	RS.	RS.		
1	Constructing head sluice to Kamalapuram North side Channel.	1,040	1,193	153	14·71	Due to extra work found necessary.	The excess is due to (1) 525 square feet of dressed face stone work provided for in the detailed estimate, omitted in the abstract. 2. The drop wall having been built in with dressed face stone instead of rubble as provided in the estimate.
2	Constructing Regulator to Butleroodu at 6 miles 1,980 feet.	530	578	48	9·06	The excess is due to heavy rate for carting materials.	The estimate provided for carting materials along a short cut. But as this was found impossible on account of channels and slush, they had to be carted along a circuitous route. Hence excess.

Statement showing the works which have been exceeded by more than 5 per cent., &c.—*cont.*

Item No.	Name of work.	Amount of estimate.	Outlay up to date.	Excess.	Percentage of excess.	Explanation already furnished.	Further explanation now furnished.
		RS.	RS.	RS.	RS.		
3	Providing banks of Gudivada Channel.	1,380	1,507	127	9·20	The excess is due to shifting the banks a little.	547,000 cubic feet of earthwork was done against 475,000 cubic feet as provided in the estimate. The necessity for setting back the bank was that it was too close to the channel and was, therefore, being scoured away.
4	Excavating Sangamudi Channel.	1,413	1,502	89	6·30	Excess owing to the swamp settling much and to the consequent necessity of making it up.	The channel was carried across a swamp. On account of settling an erosion of the banks through the swamp, additional earthwork was necessary. This was not foreseen when the estimate was prepared.

No. 10.

Forwarded to the Superintending Engineer, II Circle, with reference to his endorsement No. 2441 K.E., dated 1st December 1896, on Chief Engineer's memo. No. II/179 K.S. of 21st November 1896 and in continuation of this office No. 3719 of 16th February 1897.

(Signed) J. S. WILSON,
Ex. Engineer, Kistna Eastern Divn.

11th April 1897.

No. 184 K.E.

Forwarded to the Chief Engineer for Irrigation in continuation of this office No. 156 K.E., dated 13th April 1897.

(Signed) W. L. C. BADDELEY, Major, R.E.,
Superintending Engineer, II Circle.

17th April 1897.

To the Examiner of Public Works Accounts, dated 26th April 1897, No. 118.

For verification of the excesses shown in the statements forwarded with endorsements, Nos. 156 K.E. and 184 K.E., dated 13th and 17th April 1897, respectively, of the Superintending Engineer, II Circle.

Please eliminate from the statements all amounts which do not now require the sanction of Government.

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

Office-note from the Examiner, Public Works Accounts, dated Madras, 14th May 1897, No. 1496 D./A.

Returned with the following remarks :—

(1) Excesses verified.

(2) Statement forwarded with endorsement No. 156 K.E. of 13th April 1897, from the Superintending Engineer, II Circle.

Item 1.—Please see last remark in my office No. 700 D./A., dated 3rd March 1897, regarding this item. The objection was removed from the Provincial objectionable items statement for December 1896. The item need not therefore have been included in this statement.

Items 2, 4 *and* 5.—Still objectionable, and sanction of Government to pass the excesses is awaited. The excess in item 2 first occurred in April 1895, when a revised estimate should have been submitted for sanction.

Item 3.—Of the excess of Rs. 370, Rs. 242 was ordered to be passed in G.O., No. 541, dated 4th July 1895. Sanction of Government to the further excess of Rs. 128 is still awaited. The first excess occurred in April 1895 when a revised estimate should have been submitted and the irregularity remedied.

(3) Statement forwarded with endorsement, No. 184 K.E. of 17th April 1897, from the Superintending Engineer, II Circle.

Items 1, 3 *and* 4.—Still objectionable and sanction of Government to pass the excesses is awaited. The first excess on item 1 occurred in June 1894, on item 3 in December 1895, and on item 4 in February 1896. Revised estimates should have been submitted for sanction immediately these excesses became known.

Item 2.—In G.O., No. 541 I., dated 4th July 1895, an excess of Rs. 75 was ordered to be passed on this work; and as the actual excess on the work has been reduced to only Rs. 48, this item is not at present reported in the Provincial objectionable items statement.

No. 127 I.

	Excess.
	RS.
1. Demarcating Masulipatam canal ..	51
2. Constructing regulator to Butlercodu at 6 miles 1,980 feet	48

Submitted to Government. Excluding the marginally-noted items, the objections to which are reported by the Examiner of Public Works Accounts to have been removed, the excesses on the other items aggregate Rs. 1,938. In the circumstances explained, the excesses may be passed, the total amount being met from the savings realized on the following completed works :—

—	Estimate.	Expenditure.	Saving.
	RS.	RS.	RS.
1. Polraz canal, Kykalur channel extension, excavating 3·4	2,505	2,109	396
2. Commamur canal No. 1 crossing on Malapalem branch	910	484	426
3. Do. ,, 2 do.	960	497	463
4. Do. ,, 3 do.	1,010	507	503
5. Do. Surveying and levelling the Tenalli drain 4·1	330	40	290
Total Saving ..	..	..	2,078

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

5th June 1897.

Order—No. 579 I., dated 25th June 1897.

The Examiner of Public Works Accounts is authorized to pass the expenditure incurred on the works referred to by the Chief Engineer for Irrigation, the total excess of Rs. 1,938 being met from the source indicated in the foregoing endorsement, the balance of the saving, viz., Rs. 140, being added to the amount available for unforeseen works of the Kistna delta system, which will then be increased to Rs. 285.

2. This sanction is registered as No. 45 I. of 1897–98.

(True Extract.)

Under Secretary to Government.
Irrigation Branch.

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

Exd. T. K. Narayana Aiyangar.

H.E.

PUBLIC WORKS DEPARTMENT,
IRRIGATION BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Statement of Excesses over ~~Estimates of~~ works in Kistna Eastern Division -

UNDER date the

READ the following

From Supg Eng. II Circle, No 156 K.E., dated 13. 4. 97.
From do. 184 K.E., dated 17. 4. 97
Do C No. 118 dated 26. 4. 97
From do. 1496 $\frac{D}{15}$ dated 14. 5. 97

No 127. I dated 5.6.97

5 P.

	Excess Rs
1. Demarcating Masulipatam Canal	51.
2. Constructing regulator to Buttercorn at 6 miles 1980 ft	48.

Submitted to Govt. Excluding the marginally noted items the objections to which are reported by the Examiner of P.W.A. to have been removed, the excesses on the other items aggregate Rs 1938. In the circumstances explained the excesses may be passed, the total amount being met

JH 19/6 97

D. I.

Issue

WH 19.6.97

I

H.E.

PUBLIC WORKS DEPARTMENT,
IRRIGATION BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Statement of Excesses over Estimates of works in Kistna Eastern Division -

UNDER date the

READ the following

From Supdg Eng. II Circle, No. 156 K.E., dt 13.4.97.
From do. 184 K.E., dt 17.4.97
do C No. 118 dt 26.4.97
From do . 1496 D/15 dt 14.5.97
No 127. I dt 5.6.97

5 P.

	Excess Rs
1. Demarcating Masulipatam Canal	51.
2. Constructing regulator to Buttercorn at 6 miles 1980 ft	48.

Submitted to Govt. Excluding the marginally noted items the objections to which are reported by the Examiner of P.W.A. to have been removed, the excesses on the other items aggregate Rs 1938. In the circumstances explained the excesses may be passed, the total amount being met

19/6/97
D.S.

Same

WH 19.6.97

from the savings realized on the following completed works:—

	Estimate Rs.	Expenditure Rs.	Saving Rs.
1. Polraz Canal, Kykalur channel extension, excavating. 3.4.	2,505	2,109	396
2. Commamur Canal, No. 1 crossing on Malapalem Branch.	910	484	426
3. Do. No. 2 do.	960	497	463
4. Do. No. 3 do.	1010	507	503
5 Do. Surveying & levelling the Tenali drain. 4.1.	330	40	290
		Total Saving	2,078

Order thereon. No. 579 I of 25.6.97

6 P.

The Examiner of P.W.A. is authorized to pass the expenditure incurred on the works referred to by the Chief Eng for Irrigation, the total excess of Rs 1,938 being met from the source indicated in the foregoing endorsement, the balance of the saving, viz Rs 140, being added to the amount available for unforeseen works of the Kistna Delta System, which will then be increased to Rs. 285

2. This sanction is registered as No. 45 I of 1897-98.

A.H.

A.H. 18.6.97

5/6/97.

W.H. 5.6.97

I

To
The Chief Eng for I
Supg Eng II Dn
Ex T.W.D.

7/7/97

ICS
3/6/97

E. I. Form No. 1—500—3-12-96.

Public Works (1897) Department.

CURRENT No. 6153

Order

From
The Chief Engineer
for Irrigation

No. 127-I.

Dated 5-6-97
Received 24-6-97
Enclosures 4
Spare copies

SUBJECT.

Excess over estimates of works in Kistnā Eastern Dn under 49 Capital — Submitted with remarks statement of —

25/6

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

Public Works (1897) Department.

CURRENT No. 101

Order

From The Examiner
P. W. Accounts
Madras.

No. 1496 P/A

Dated 14th May 1897
Received 15-5-97
Enclosures
Spare copies

SUBJECT.

Excesses over Estimates of Works in Kistna Eastern Dn. under 49 Capital. Returns with remarks Statement of

F.E.S.

ICCS 15/5/97

BACK PAPERS.

E ~~G.O.~~ I	No.	Department.	Date.
I	118	d/26.4.97	

FURTHER PAPERS. 0

G.O.	No.	Department.	Date.

E. No. 27.
500—26-2-97.

Keep with | Current No. | Govt. of Madras } 1897. { P. W. Dept.

EXAMINER, P. W. ACCOUNTS.

dated 189 .

4P

Madras, 14th May 1897.

Office Note No. 1496 D/A

To

I.

Your O.N.No.II8 dated 26th.April
I897.

Returned with the following remarks-

(I) Excesses verified,

(2) Statement forwarded with endorsement No.I56 K.E.of I3th. April I897 from the Supg. Engineer 2nd.Circle.

Flagged A

Item I. Please see last remark in my office No.$\overset{\times +}{700}$ D/A dated 3rd. March I897 regarding this item - The objection was removed from the Provincial O.I.S.for December I896.The item need not therefore have been included in this statement.

Items 2,4 and 5. Still objectionable,and sanction of Government to pass the excesses is awaited.The excess in item 2 first occurred in April I895 when a revised estimate should have been submitted for sanction.

Item 3. Of the excess of Rs. 370, Rs.242 was ordered to be passed in G.O.

No.541 dated 4th.July 1895 - Sanction of Govt. to the further excess of Rs.128 is still awaited. The first excess occurred in April 1895 when a revised estimate should have been submitted and the irregularity remedied.

Flagged B.

(3) Statement forwarded with endorsement No.184 K.E. of 17th. April 1897 from the Supg.Engineer,2nd.Circle.

CHIEF ENGINEER
FOR IRRIGATION.
15 MAY. 1897
No. R101

Items 1,3 & 4. Still objectionable and sanction of Govt. to pass the excesses is awaited. The first excess on Item I occurred in June 1894, on item 3 in December 1895 and on item 4 in February 1896. Revised estimates should have been submitted for sanction immediately these excesses became known.

Item 2. In G.O.No.541 I.dated 4th. July 1895 an excess of Rs.75 was ordered to be passed on this work, and as the actual excess on the work has been reduced to only Rs.48 this item is not at present reported in the Provincial O.I. Statement.

ED
14.5.97

C.

6153/57

13.5.97

9

Public Works (1897) Department.

CURRENT No. 137 KS.

EXAMINER,
P. W. ACCOUNTS.
29 APR. 1897
No.

Checked by
5/5/97

24 BS.

CHIEF ENGINEER
FOR IRRIGATION.
15 MAY. 1897
R101

From

Major W. L. C. Baddeley R.E.
Supg. Engr. 2nd Circle

No. 184 KE

Dated 17 April 1897

Received 19 do

Registered

Enclosures

Spare copies

~~Order.~~ No. 118 d/ 26th April 1897.

C. for verification of the excesses shown in the statements forwarded with endorsements, Nos 156 K.E. and 184 K.E. d/ 13th and 17th April /97 respectively, of the Supg. Engineer, Second Circle.

Please eliminate from the statements all amounts which do not now require the sanction of Government.

FED
29.4.97

D.E. I
26/4/97

28/4
23/5/97

SUBJECT.

Excesses over Estimates of works in K E D requiring Sanction of Government. Forwards a Statement

F.E.I

15/4/97

BACK PAPERS.

No.	Date.
R 131 KS.	of 13 April 1897

Ow4.2/615 3(5)

FURTHER PAPERS.

No.	Date.

EXAMINER,
P. W. ACCOUNTS.
29 APR. 1897
No.

No 184 KE
17.4.97

Forwarded to the Chief Engineer for Irrigation in continuation of this Office no 156 KE d/ 13.4.97.

W L Baddeley
Major RE
Supg Engineer II Circle

JM

II
R137KS

EF ENGINEER
RRIGATION.
MAY 1897
R101
2

OWS-3
6153/57

Public Works (189) Department.

~~CURRENT~~ Receipt No. 131·KS.

EXAMINER,
P. W. ACCOUNTS.
29 APR. 1897
No

Order

From
Major W L C Baddeley RE
Supg Engr II Circle

No. 156 KE

Dated 13 April 1897
Received 15 April 1897
Registered
Enclosures
Spare copies

SUBJECT.

Excesses over Estimates for works in K ~~E~~ Dn
Forwards a Statement giving explanation for

[illegible]

ICll
15/4/97

Statement showing works which have been exceeded by more than 5 per Cent requiring Sanction of Government under para 119 C, Ch: III, Vol I. of Govt. of Indian Code

Item no	Name of work	Amount of Estimate	Outlay up to date	Excess	Per Centage of Excess.	Explanation already furnished.	Further explanation now furnished.
1	Demarcating Masulipatam Canal — - —	605	656	51	8·43	Excess is due to the Contrate provided in the Estimate for Stores.	The amount of the Estimate Sanctioned in G.O. no 2463 d/ 19·4·88 is Rs 705/- and not Rs 605 and hence there is no excess.
2	Medur Channel Excavation, Masulipatam Canal	5850	6814	964	16·47	The channel was silted up when the excavation was in progress and the same had to be cleared. Hence the excess.	Sanctioned Section shows end of work at 10/2 C.S. no 82 which agrees with the Estimate. when setting out the work, it was found that the distance had been wrongly shown on Section correct distance down to C.S. no 82 being 10m. 6½ F there having

EXAMINER,
P. W. ACCOUNTS.
29 APR. 1897
No.

FURTHER PAPERS.

No.	Date.
R 137 K.S.	9-1-97

BACK PAPERS.

No.	Date.
2179 K.S.	21-11-96.

15 APR 1897
No. 131 K.L.

							4. The Estimate provided for batten doors and windows of Jungle wood but teak venetian doors were supplied from workshops. 5. Some extra work such as providing a punkah and rough stone in mud walls for back room and brick in mud walls for back pillars to support door frames was also done.
33/4 4	Constructing Head Sluice to Bhimanadi Channel. 5/96	£ 1780	£ 2077	∫ 297	16·68	The excess is due to no provision being made in the Estimate for towpath bridge and for inadequate provision for excavating foundations.	Actual cost of excavating foundations is Rs 259 against Rs 30/- provided in Estimate. Towpath bridge in front of the sluice was not provided in the Estimate and cost Rs 219/-
5	Constructing Road Culvert on Lingavaram Channel. 5/96	£ 610	£ 790	∫ 180	29·51	Due to extra depth of foundations in concrete and toll gate charges which were not provided in the Estimate and also due to Extra Charges for demolishing old work & for constructing sheds which were insufficiently provided in the Estimate	Due to extra depth of foundations in concrete and to extra charges for demolishing old work and for Cooly: not sufficiently provided in the Estimate and also due to toll gate charges for carting materials which were not provided in the Estimate. All these were carried out under orders from Mr. C.A. Smith, Exec Engineer.

No. 156 K.E.
13·4·97 Forwarded to the Supg Engineer, 2nd Circle, with reference to his Endt: no 2441 K.E. d/ 1·12·96 on Chief Engineer's memo: No. II/179 K.S. d/ 21·11·96.

Sd/ J.S. Wilson,
Exe: Engineer, Kistna Eastern D.

No.

Forwarded to the Chief Engineer for Irrigation with reference to his no II/179 K.S. d/ 21·11·97.

2. Explanation for the other works on which there has been excess outlay will be submitted as soon as it is received from the Exe Engineer Kistna Eastern Dn.

W.C. Baddeley Major R.E.
Supg Engr II Circle

5/4/97

CHIEF ENGINEER
IRRIGATION.
15 MAY 1897
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						been an error of $1\frac{1}{3}$ furlong in old channel up to drop no 2 and a further error of 3 furlongs between drop no 2 and C.S. 82. The channel was actually excavated up to Bhimahadi drain so as to allow water to be surplussed; this brought the total length up to 1 M. $2\frac{1}{3}$ fur. The old portion of the channel was found to be silted up and had to be cleared near head. The excess therefore, was due to excavating an extra length of 1 M. 0 $\frac{1}{3}$ fur. and to removing silt.
3	Constructing halting sheds at Nidimole lock.	£ 390	£ 760	✓ 370	94.87	Excess is due to heavy charge for doors and windows in workshops. The excess is due to the following reasons:— 1. The basement having had to be raised, Earth had to be brought from a distance. 2. Larger wooden posts and wall plates were fitted than those provided in the Estimate. 3. Grass &c for thatching proved more expensive than was anticipated.