

Public Works (1897) Department.

G.O., No. 848

DATED 20 September 1897

21/9/97

[Despatch Abstract.]

Excess Expenditure: Authorizing the Examine
of P.W. Accounts to pass the — amounting
to Rs. 2369 incurred on certain works
in Kistna Eastern D.C.

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21/9/97
H. M. S.

Government {1897} of Madras.
PUBLIC WORKS.

Spare copies

SEPTEMBER.

Authorizing the Examiner of Public Works Accounts to pass the —, amounting to Rs. 2,369, incurred on certain works in Kistna Eastern division.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation,
Account.

READ—the following paper:—

No. 170 I.

Note by the Chief Engineer for Irrigation.

The following extract from a statement showing the excess expenditure incurred on certain works in the Kistna Eastern division forwarded by the Superintending Engineer, II Circle, with his endorsement, No. 1188 K.E., dated 26th July 1897, is submitted to Government.

Item No.	Name of work.	Amount of estimate.	Outlay up to date.	Excess.	Percentage of excess.	Explanation of excess, &c.
1	49. Capital Expenditure. Experimental irrigation at Mattagunta.	RS. 4,400	RS. 4,639	RS. 239	5.43	The excess is due to the following:— (1) At first it was proposed to cultivate only 600 acres, but this was increased to about 800 acres when the irrigation developed. (2) The engine that was at first sent from workshops failed, in consequence another engine had to be got from Bezvada.
2	Demolishing and reconstructing sluice to Reddagonnur channel.	310	540	230	74.19	In the project estimate sanctioned in G.O., No. 467 I., dated 20th June 1894, a lump sum of Rs. 310 was allowed apparently with the idea that the old materials would be of use. But after demolishing the old sluice, the materials were found to be of no use and new materials had to be indented for; hence excess.
3	Constructing surplus weir to Chorampudi channel.	1,900	2,505	605	31.84	(1) When this work was started, it was found that the depth of the old apron over which the rear wings were proposed to be built was not sufficient to stand the weight of the proposed superstructure; hence the apron was removed and proper foundation was put on for the wings. (2) No sufficient quantity of lime and sand were provided in the estimate. (3) The shutters were supplied from workshops at a cost more than what was provided in the estimate.
4	Constructing road culvert, Kistnapuram branch.	550	665	115	20.90	Width of road way altered from 9 to 13 (vide initials of Mr. C. A. Smith, on plan dated 23rd May 1894), which caused an excess of about Rs. 50. Water had to be brought from a distance, and no water was obtained from a well excavated to a depth of 15 feet.
5	Constructing drop No. 2 with bridge on Medur channel at 5 miles $1\frac{1}{2}$ furlongs.	990	1,066	76	7.67	The excess is due to insufficient rate provided in the estimate for carting materials from canal to work-site.

Item No.	Name of work.	Amount of estimate.	Outlay up to date.	Excess.	Percentage of excess.	Explanation of excess, &c.
6	49. Capital Expenditure—cont. Constructing regulator with combined sluices at 4 miles 5 furlongs of Gudivada channel.	RS. 5,430	RS. 6,368	RS. 938	17.27	(1) When foundation was excavated for the side sluices, the soil was found to be of black cotton and <i>nunagadda</i> which cracked to a great depth below the surface during the hot season, and consequently the depth of foundation had to be increased. (2) Materials for two sluices—one on the right bank and the other on the left bank of Gudivada channel—were received and carted to site, previous to the proposal of constructing the present regulator with combined sluices. The two sluices originally proposed to be built having been abandoned, the materials collected at their sites had to be re-carted to the site of the newly-proposed regulator with combined sluices. Thus the cost of carting materials was increased. (3) The workshops charges for shutters, &c., were higher than was provided for in the estimate.
7	Constructing drop at 6 miles 4,620 feet of Mamilla Codu.	533	590	57	10.69	The work being in an out-of-the-way place, a higher rate for carting the materials had to be paid, since the bandies had to pass through fields; hence the slight increase over the estimate.
8	Constructing road culvert across Perikeed road, N. S. channel.	610	719	109	17.86	The excess is due to extra depth of foundations in concrete, extra charges for demolishing old work for constructing sheds which were insufficiently provided for in the estimate and toll-gate charges which were not provided in the estimate.

2. The excesses in some instances are due to inadequate provision having been made in the sanctioned estimates which should have been avoided.

3. It is recommended that the excesses may be passed.

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

26th August 1897.

ORDER—No. 848 I., dated 20th September 1897.

The Examiner of Public Works Accounts is authorized to pass the excess expenditure, amounting to Rs. 2,369, incurred on the works referred to above, the amount being met from the balance of the provision made for item 710 in the statement printed in Proceedings of Madras Government, No. 857 I., dated 11th October 1893.

2. This sanction is registered as No. 84 I. of 1897-98.

(True Extract.)

Under Secretary to Government,
Irrigation Branch.

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

Exd. Shaik Karim.

His Excellency the Governor.

PUBLIC WORKS DEPARTMENT,
IRRIGATION BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

READ the following

NO 170. I of 26-8-97

Note by the Chief Engineer for Irrigation

Statement showing the excess expenditure incurred on certain works in the Krishna Eastern Divn -

Approved by the Chief Engineer

Issue

10th

16-9-97

The following extract from a statement showing the excess expenditure incurred on certain works in the Krishna Eastern division forwarded by the Supp Engineer, Secunderabad Circle, with his endorsement N^o 1188-K.E. dated 26 July 1897, is submitted to Government.

Sl. No.	Name of Work.	Amount at Estimate. Rs.	But by up to date. Rs.	Excess. Rs.	Percentage of excess.	Explanation of excess, &c.-
	<u>49. Capital Expenditure.</u>					
1	Experimental irrigation at Mattagunta.	4,400.	4,639	239	5.43.	The excess is due to the following:- 1. At first it was proposed to cultivate only 600 acres but this was increased to about 800 acres when the irrigation developed. 2. The engine that was at first sent from Workshops failed, in consequence another engine had to be got from Berwada.

Item No.	Name of Work.	Amount of Estimate Rs.	Outlay up to date. Rs.	Excess. Rs.	Percentage of excess. %	Explanation of excess, etc.
2.	Demolishing and reconstructing sluice to Padda-Gommur Channel.	310.	540.	230.	74.19	In the project estimate sanctioned in G.O. No. 467-I, dated 20 June 1894, a pump sum of Rs. 310 was allowed apparently with the idea that the old materials would be of use. But after demolishing the old sluice, the materials were found to be of no use and new materials had to be indentured for. Hence excess.
3.	Constructing surplus weir to Chorampundi Channel	1,900.	2,505.	605.	31.84	1. When this work was started, it was found that the depth of the old apron over which the rear wings were proposed to be built was not sufficient to stand the weight of the proposed superstructure. Hence the apron was removed and proper foundation was put on for the wings. 2. No sufficient quantity of lime and sand were provided in the estimate. 3. The shutters were supplied from workshops at a cost more than what was provided in the estimate.
4.	Constructing Road Culvert, Kistnapuram branch.	550.	665.	115.	20.90	Width of roadway altered from 9 to 13. vide initials of Mr. C.A. Smith on plan dated 23 May 1894 which caused an excess of about Rs. 50/- Water had to be brought from a distance & no water was obtained from a well excavated to a depth of 15 ft.

Item No.	Name of Work.	Amount of Estimate Rs.	Outlay up to date. Rs.	Excess. Rs.	Percentage of excess. %	Explanation of excess, etc.
5.	Constructing drop No. 2 with bridge on Medur Channel at 5 m. 1 1/2 fur.	990.	1066.	76.	7.67	The excess is due to insufficient rate provided in the estimate for carting materials from Cau. to worksite.
6.	Constructing Regulator with combined sluices at 4 m. 8 fur. of Gudivada Channel.	5430.	6368.	938.	17.27	1. When foundation was excavated for the side sluices, the soil was found to be of black cotton & <u>munagadda</u> which cracked to a great depth below the surface during the hot season and consequently the depth of foundation had to be increased. 2. Materials for two sluices - one on the right bank and the other on the left bank of Gudivada Channel were received and carted to site, previous to the proposal of constructing the present Regulator with combined sluices. The two sluices originally proposed to be built having been abandoned, the materials collected at their sites had to be recarted to the site of the newly proposed Regulator with combined sluices. Thus the cost of carting materials was increased. 3. The workshop charges for shutters, etc, were higher than was provided for in the estimate.
7.	Constructing drop at 6 m. 4620 ft. of Mamilla Codu.	533.	590.	57.	10.69	The work being in an out of the way place, a higher rate for carting the materials had to be paid since the bauldies had to pass through fields. Hence the slight increase over the estimate.

Name of work.	Amount of estimate.	Outlay up to date.	Excess.	Percentage of excess.	Explanation of excess.
	Rs.	Rs.	Rs.		
Constructing road cut- -vert across Perked Road N. S. Channel.	610.	719	109	17.86.	The excess is due to extra depth of foundations in concrete, extra charges for demolishing old work for constructing sheds which were insufficiently pro- vided for in the estimate and to toll gate charges which were not provided in the estimate.

2. The excesses in some instances
are due to inadequate provision having
been made in the sanctioned esti-
mates which should have been
avoided.

3. It is recommended that the
excesses may be passed.

No 848 J. 20.4.97.

Order thereon.

The Examiner of Public Works
Accounts is authorized to pass
the excess expenditure amounting to
Rs 2,369 incurred on the works
referred to above, the amount
being

being met from the balance of
the provision made for item 710.
in the statement printed in
P. M. G. No 857-J. dated 11 October

1893.
2. This sanction is registered
as No 84 J. of 1897-98.

W.H.
26.5.97
J

To The Chief Engineer for Irrigation.
" Supp. Engineer, Second Circle.
" Examiner, P.W. Accounts.

20/4/97

24/4/97

S.
Public Works (1897) Department.

CURRENT No. 9294

From The Chief Engineer for Iowa

No. 1709

Dated 26-8-97

Received 18-9-97

Enclosures 3

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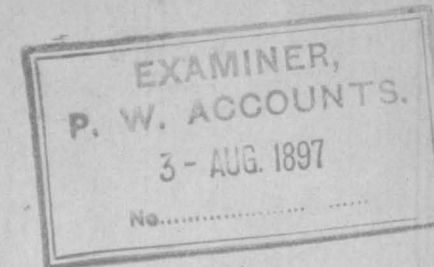
SUBJECT.

Statement Showing the
excess expenditure incurred
on certain works in the
Iowa Eastern Division. Extract
from a — Submitted with a
recommendation that the
excess may be passed

FURTHER PAPERS

Public Works (1897) Department.

CURRENT No. 260 KS



From Major A L C Badd
Super Engineer II C.

No 222 of 30. 7. 97

Order To C for verification
of excesses and early return

No. 1188 Kc

Dated 26th July 1897

Received 28 — 20 —

Registered

Enclosures

Spare copies

SUBJECT.

Excesses over certain
estimates of Historical
Eastern Division —
Requesting to obtain
sanction of Government
to the —

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in house 77(5)

69
5.8.97
C.

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Ms. 897

Handwritten: Sub speciebus etc. pp.
10-1877
Aug 19

BACK PAPERS.

No.	Date.
R 891W 75-11-53	

FURTHER PAPERS.

No.	Date.
L 236m	11/1/97
R 180	19-8-97

EXAMINER,
P. W. ACCOUNTS.
16 AUG. 1897

ENGINEER
FOR IRRIGATION
28 JUL. 1897

CHIEF ENGINEER
FOR IRRIGATION.
20 AUG. 1897
No. 180

1000000

1000000

10/10/94

2. Demolishing & Reconstructing
Thiru to Poda Gumar Ch -

310 540 230

74.19

In the project estimate - Sanction
in E.O. no 467, 87 20.6.94, a lump sum
of Rs 310 was allowed apparently
with the idea that the old materials
would be of use. But after demolish-
ing the old sluice the materials were
found to be of no use and new
materials had to be undertaken for
hence excess.

10/10/94

3. Canaly: surplus rice to
Chorampudi Channel -

1900 2505 605

31.84

1. When this work was started
it was found that the depth of
the old apron was which the
rear wings were proposed to be
built was not sufficient to
stand the weight of the proposed
superstructure. Hence the apron
was removed and proper founda-
tion was put on for the wings.

10/10/94

4. do. Road Culvert Kistha
puram Branch

550 665 115

20.90

2. No sufficient quantity of lime
and sand were provided in
the estimate.
3. The shutters were supplied
from workshops at a cost
more than what was provided
in the estimate.

Width of road away altered from
9.513 - vide initials of Mr. B. S. T.
Smith on plan dated 23.5.1894
which caused an excess of
about Rs 50. Water had to be brought
from a distance and no water
was obtained from a well
excavated to a depth of 15 ft.

10/10/94

5. Canaly: drop no 2 with Bridge
on Mederu Channel @ 5 m. Afflu

250 580 330

7.67

The excess is due to insufficient
rate provided in the estimate
for carting materials from land
to workshop.

61 Leavely: Regulator with combined
Sluices at 4 m. S. of Goodwin's
Channel

1. When foundation was excavated for the side sluices, the soil was found to be of black cotton and muvgadda which cracked to a great depth below the surface during the hot season and consequently the depth of foundation had to be increased.

2. Materials for 2 sluices - one on the right bank and the other on the left bank of Godavari channel were received and carted to site, previous to the proposal of constructing the present Regulator with combined sluices. The two sluices originally proposed to be built having been abandoned the materials collected at their site had to be recarried to the site of the newly proposed Regulator with combined sluices. Thus the cost of carting material was increased.

3. The amount of charge for shuttles be more higher than was provided for in the Estimate.

The work being in an out of the way place a higher rate for carting the materials had to be paid since the bandits had to pass through fields. Hence the slight increase over the estimate.

The excess is due to extra
depth of foundations in
concrete extra charges for
dismantling old work for
concr: The ds which were
insufficiently provided for
in the estimate and to toll
gate charges which were
not provided in the Estimate.

~~3.8~~ 11/9
 Conely = drop at 6m. 4620 ft. Off 2930 f.
 Manilla Cedar 533 590 57

✓ Scamby - Road Culvert across S
✓ Peikend Road W. S. Channel 610 719 109

9

42. Major works - War King
Expenses - / S. Haidi & Refrains

36-167
74-5

9 Ordinary repairs to Bantivity
Canal for 1894-95

Apr 2 95

36-166
74-5
10

do Polway Canal for 94-95

Mar 25 (suppl)

11

do Polway Canal for 94-95
do Polway Canal for 94-95

93-2
55-6

11 do Rypes' Canal (Cowtaram
Sub. 84) for 1895-96

Mar 2 96

10

do Rypes' Canal (Cowtaram
Sub. 84) for 1895-96

do Rypes' Canal (Cowtaram
Sub. 84) for 1895-96

Mar 2 96

(9510). These ordinary repairs
Estimates are composed of
very many smaller works
and still - clearances and
the estimates for them were
only roughly made out, as
as the season for 94-95
was very favorable
to get the works done, they
were pushed on to the ex-
tent required owing to
the increase of irrigation
by leaps & bounds in the
Cowtaram Sub. 84; So the
actual work done was
greater than the amounts

of the rough estimates.

Rypes' Canal being main Canal
for the supply of 8 lakhs of acre
in Cowtaram Sub. 84 a lot
of protective works such
as Reth & some planking
and driving piles in front
to avoid the breaching of
banks where inner toe
is very close to the margin
of the Canal during the
irrigation season and
consequently was found
necessary, when the Sub. was
prepared so many of extra
protection works were not
anticipated. Hence the excess
over the estimate.

11400 1639 239 5.42

43. Minor works & Navigation

Agricultural Reclaim.

12. Division bank at

16 1/2" Chapin at 22 m. of Nishua
River

13. Ring binding Chapin

breach at 22 m. of River
bank.

(12 & 13). The excess on these
works are due to excess
payment on account of
compensation for land
which was not originally
anticipated.

4600 6010 1620 36.81

3610 452 542 15.01

No 1188 KE

26.7.97

Forwarded to the Chief Engineer for signature
for favour of obtaining sanction of Government to the
excess noted above.

2. The excess outlay may be met from the balance of provision as per state
ment printed with L.O. No 857 D 3/11-10-93 - Item 710.

Wk. Mr. Buchanan,
for Supg Engt & Co.

Statement showing the works which have been executed by
the 3 per Cent. requiring sanction of Government under para 119 C. Ch. III Vol. I, M.C.D.

Sl. No	Name of work	Amount			Excess	Per Cent	Explanations of excess. &c.
		to Govt	to Govt	to Govt			
11/5/97	49. Capital Expenditure.						
11/5/97	Experimental Irrigation at						
		1600	1639	239	5.63		The excess is due to the following:- 1. At first it was proposed to cut trench at 600 a.m. but this was

CHIEF ENGINEER
IRRIGATION.
7 - AUG 1897

EXAMINER,
P. W. ACCOUNTS.
16 AUG. 1897
No.

KEEP-WITH.

No. , dated 189 .

Encls. No. 1188 KE
26.7.97.

Obs. 2
9294/57

GOVT. } 1897. } P. W.
OF MADRAS. } DEPT.
CHIEF ENGINEER FOR IRRIGATION.

Madras, 11 August 1897.

OFFICE NOTE No. 237

Inclot

Circulation Register.

To	From	Despatch Date.	Receipt Date.
C	EJ		

Your office note No. 2480²⁷
dated 6 August 1897 -

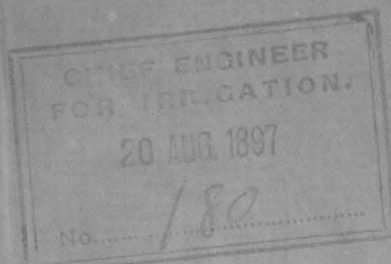
Please say whether, under this
Office Circular Memo No. 14-C, dated
26 May 1897, the Supp. Engineer,
Second Circle, himself cannot
sanction the expenses incurred
on items 9 to 13 in the
statement forwarded with his
endorsement No. 1188-KE, dated
26 Aug 1897.

10/8/97

11/8/97
for EJ

No. 2615 D/H dated 19th August 1897

To I.



Yes.

W/19/897
C.

HR 19th 87

5258.3
5259/87