

8175

Public Works (1896) Department.

G.O., No. 8067.

DATED 5th Oct 1896

[Despatch Abstract.]

Excess outlay: Approving Rs. 1144 incurred over the estimate of Rs. 5290 for constructing an under tunnel to pass Bonda ^{Central} drain under Magam channel in the Godavari ~~Central~~ ^{Central} and directing the sanction of the Govt of India to be applied for.

Ditto

Forwarding Pros: requesting the sanction of the Govt of India to the Rs. 1144 incurred over the estimate of Rs. 5290 for constructing an under tunnel to pass Bonda ^{Central} drain under Magam channel in the Godavari Central ^{Central}.

[illegible][illegible]

Government { 1896 } of Madras.
PUBLIC WORKS.

1896.

Spare copies

G.O., Nos. 806, 807 I., 5th October 1896.

OCTOBER.

Excess Outlay

Forwarding Proceedings requesting the sanction of the Government of India to the — of Rs. 1,144 incurred over the estimate of Rs. 5,290 for constructing an under-tunnel to pass Bondakodu drain under Magam channel, in the Górávari Central division.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following papers:—

From W. C. DEMORGAN, Esq., Executive Engineer in charge, I Circle, to the Chief Engineer for Irrigation, dated Waltair, 15th June 1896, No. 531 G.D.

I have the honour to submit, herewith, a completion report received from the Assistant Engineer in charge of the Gódvári Central Division and verified by the Examiner of Public Works Accounts for the work "constructing an under-tunnel to pass Bondakodu drain under Magam channel," estimate Rs. 4,250 sanctioned in G.O., No. 85 I., dated 30th January 1895, and to request you will be good enough to obtain sanction of Government authorizing the Examiner of Public Works Accounts to admit the excess expenditure of Rs. 930 incurred on the work.

2. The excess is partly due to the increased conveyance charge of materials and partly to the masons having been paid at the rate of 9 annas each (*i.e.*, $\frac{1}{5}$ more than allowed in the estimate) and to the substitution of *concrete archwork*, &c., as explained by the Assistant Engineer in the report.

Memorandum to the Superintending Engineer, I Circle, dated 27th June 1896, No. I./55 G.D.

With reference to letter No. 531 G.D., dated 15th instant, from the Superintending Engineer, I Circle, the undersigned has the honour to observe that the excess expenditure of Rs. 930 incurred on the under-tunnel to pass Bondakodu drain under Magam channel exceeds the limit of sanction of the Local Government—*vide* rule (v) (c), paragraph 35, chapter V, Volume II, Public Works Department Code. To admit of the sanction of the Government of India thereto being applied for, it is requested that the Superintending Engineer will be so good as to submit fuller explanation of the circumstances which necessitated the original estimate being so largely exceeded.

(Signed) R. R. E. DRAKE-BROCKMAN, Col., R.E.,
Chief Engineer for Irrigation.

From J. C. LARMINIE, Esq., Superintending Engineer, I Circle, to the Chief Engineer for Irrigation, dated Waltair, 29th August 1896, No. 1073 G.D.

With reference to your memorandum No. 55 G.D., dated the 27th June 1896, I have the honour to inform you that reasons for the excess on the under-tunnel to pass Bondakodu drain under Magam channel are as follows:—

(1) A large proportion of the materials supplied by Dowlaishweram quarries had to be taken by a very circuitous route (*i.e.*, *via* Manjair and Yanam) owing to the closure of the Central delta canals, and the charges for the conveyance of these materials were thus more than estimated for.

(2) Owing to the remote situation of the work, there was a great difficulty in getting labour at the estimated rates, and higher rates had to be paid to masons, &c.

(3) An extra sum of Rs. 104 was charged to the work by Overseer Mr. Masters by preparing fictitious musters; but as he died in January 1896, nothing further could be done in the matter.

4 No. 806 I., 5TH OCTOBER 1896.

(4) The estimated cost of the brick archwork for the under-tunnel was Rs. 397 and the actual cost of the concrete archwork was Rs. 427, which resulted only in an excess of Rs. 30.

No. 163 I.

Submitted to Government.

(Signed) R. R. E. DRAKE-BROCKMAN, Col., R.E.,
8th September 1896. Chief Engineer for Irrigation.

ORDER—No. 806 I., dated 5th October 1896.

In the circumstances explained by the Superintending Engineer, I Circle, the excess outlay of Rs. 930, or Rs. 1,144 including the charge for establishment, is approved.

2. Ordered that a copy of these Proceedings be forwarded to the Government of India, with reference to rule (v) (c), paragraph 35, chapter V, Volume II, Public Works Department Code, with a request that sanction may be accorded to the expenditure of Rs. 1,144 incurred in excess of the estimate of Rs. 5,290, sanction to which was reported in endorsement, No. 86 I., dated 30th January 1895.

[Here enter No. 807 I., dated 5th October 1896.]

(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.

ENDORSEMENT—No. 807 I., dated 5th October 1896.

Forwarded.

(By order.)

Joint Secretary to Government,
Irrigation Branch.

To the Secretary to the Government of India,
Public Works Department.

Exd. T. K. Narayana Aiyangar.

Public Works (1896) Department.

CURRENT No. 8175

Order

From

The Chief Engineer
for Irrigation

No. 163 I.

Dated 8. Sept 1896

Received 11. 9. 96

Enclosures 4

Spare copies .

SUBJECT.

Excess expenditure incurred in constructing the under tunnel to pass Boddacodu drain under Mogam Channel

21. H.E. has passed the order - Mr. Stanley's report prepared orig. 807 I. order action of 26/10/96 and 25/11/96

2. 17/9 Comm. to S. S. for explanation & record. Dued 25/9/96

Issue

29/9

28 9 96
o.d. 5 399 R 18/9

Explanation has been called for

1-10-96

BACK PAPERS.

G.O.	No.	Department.	Date.
	852	SW.	30-1-95

FURTHER PAPERS.

[illegible]

PUBLIC WORKS DEPARTMENT,

IRRIGATION BRANCH.

16 806 J. 759 Oct 1896.
PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

READ the following

From Supp Exp. 1st Cuck, No 531 QD, 4 15. 6. 96.
 do. . 55 Q.D., 4 27. 6. 96
 do. . 10734 D, 4 29. 8. 96
 From No 163 J of 8. 9. 96.
 Submitted to Govt.

Order the road.

In the circumstances explained by the Supp. Imp. 1st Lich, the excess outlay of Rs 930 or Rs 1144 including the charge for establishment, is approved.

2. Ordered that
a copy of these Procs.
be forwarded to
the Govt of India
with reference to
rule V(c), para 35, Chapter

V, Vol II, I-WB Code,
with a request that
sanction may be
accorded to the
expenditure of Rs
1144 incurred in
excess of the estimate
of Rs 5290 sanction
to which was reported
in endorsement, No
86. I, 435. Jan/95.

No 807. I 75th Oct. 1896.
Endorsement -

Forwarded.

57
86

Recd
8/9
96

To the Chief Engineer
Supply & Traffic
25/5/96

E. I. Form No 1-1,000-27-11-95.

LCIS
579 1896

P. W. D. Form No. 45 A.

NAME OF WORK - Construction of Under Tunnel to pass Bouda Kozai Drain
under Majaw Channel.
FUND - Irrigation - Imperial.
DEPARTMENTAL HEAD - I Works.
SERVICE HEAD - 49 Capital expenditure not charged against the Revenue
MAIN HEAD OF CLASSIFICATION - 3. Distributaries.
SUB-HEAD OF CLASSIFICATION - 3. Works.
ARM OF THE SERVICE -
REFERENCE TO LAST SCHEDULE DOCKET SUBMITTED - No. 10, for the month of March 1896.
AUTHORITY -

Sub-heads of estimate.	AS ESTIMATED.			AS EXECUTED.			DIFFERENCES.*			Reference to paras. over- leaf explain- ing differ- ences.
	Quantity.	Rate.	Amount.	Quantity.	Rate.	Amount.	Quantity.	Rate.	Amount.	
		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	
Dry broken stone under foundations -	9.10	14.00	128	9.10	19.73	177	-	-	49.	
Concrete in purki mortar -	55.60	27.84	1529	55.60	31.14	1763	-	-	234.	(a)
Rubble in mortar -	41.00	27.14	1113	41.00	37.20	1544	-	-	401.	(b)
Cut stone in mortar -	231	0.40	93	231	1.19	277	-	-	184	(c)
Brick archwork in mortar -	128.0	3.00	384	-	-	-	-	-	384	(d)
Apron & revetments -	18.30	14.00	256	18.30	16.42	300	-	-	46	
Gravel backing -	2.40	12.00	28	2.40	12.00	28	-	-	-	
Plastering with Portland cement 1/2" thick (cement & sand)	7.40	7.40	54	7.40	6.12	45	-	-	9	
Pointing with purki mortar	14.70	3.00	44	14.70	3.00	44	-	-	-	
Grouting -	7.60	-	-	7.60	-	-	-	-	-	
Excavating foundations and filling in marshy banks and approaches -	-	-	50	-	-	104	-	-	54	(e)
Centering -	-	-	50	-	-	66	-	-	16	(f)
Lime shed -	-	-	20	-	-	87	-	-	67	(g)
Baling -	-	-	50	-	-	67	-	-	17	(h)
		Rs.			Rs.			Rs.		
TOTAL ...		Rs.	3935		Rs.	4522		Rs.	587	

* Excesses to be entered in red ink; Savings in black ink.

Dated the 1896.

Executive Engineer.

N. B. - When any considerable deviations from the original design have occurred, the report, specification, drawings and details of the measure-
ment of the work actually done, in the same form as the estimates, should accompany the Completion report.

C. G. P. - No. 1-9 P. W. - 2-11-94 - 5000.

NOTES.

Reference to P. W. D. Code.

Chapter III, para. 80; and Chapter IX, paras. 38 to 43.

P. W. D. Form No. 45A.

Completion report of Original works and Special Repairs.

DIVISION—

NAME OF WORK—

Amount of estimate—Rs.

Expenditure "

Difference "

Percentage of excess (if any)—

Date of commencement—

Date of completion—

Record plan No.—

Forwarded to the Examiner, P. W. Accounts,
for verification, as this Office
No. _____, dated _____ 189

Documents accompanying.

Executive Engineer.

Division.

Transmitted to the Superintending Engineer.

Circle, duly verified as
this Office No. _____, dated _____ 189

Examiner, P. W. Accounts.

Transmitted to
for record as this Office No. _____, dated _____ 189

Superintending Engineer.

* Here note "Completion certificate" granted by the Civil or
Military authority concerned, report, specification, drawing and
detail of quantities, when necessary.

P. W. D. Form No. 45A.

NAME OF WORK—

FUND—

DEPARTMENTAL HEAD—

SERVICE HEAD—

MAIN HEAD OF CLASSIFICATION—

SUB-HEAD OF CLASSIFICATION—

ARM OF THE SERVICE—

REFERENCE TO LAST SCHEDULE DOCKET SUBMITTED—No. _____, for the month of _____ 189

AUTHORITY—

Sub-heads of estimate.	AS ESTIMATED.			AS EXECUTED.			DIFFERENCES.*			Reference to paras. over- leaf explain- ing differ- ences.
	Quantity.	Rate.	Amount.	Quantity.	Rate.	Amount.	Quantity.	Rate.	Amount.	
		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	
13.0 Compensation for land occupied for stacking materials temporarily Petty Supervision. Contingencies. Concrete arch work.			3935			4522			587	
			10			10				
			119			209			90	(i)
			186			12			174	
			"			427			427	(j)
TOTAL			4250			5180			930	

* Excesses to be entered in red ink; Savings in black ink.

Dated the _____ 189

N. B.—When any considerable deviations from the original design have occurred, the report, specification, drawings and details of the measure-
ment of the work actually done, in the same form as the estimates, should accompany the Completion report.

C.G.P.—No. 189 P. W.—2-11-94—5000.

Cr/12/13/20/0-

NOTES.

Reference to P. W. D. Code.
Chapter III, para. 80; and Chapter IX, paras. 28 to 43.

1. This form should be submitted to the Examiner with the accounts of the month in which the work is reported to be completed. It is only intended to be used for works, the outlay on which is recorded by sub-heads or items of work and which have exceeded the sanctioned estimate by more than 5 per cent.

2. When work has been executed for the Civil or Military department, the countersignature of the Civil or Military authority concerned should be obtained to the form of Certificate (Form No. 45B. or 45D.), and the Certificate should be attached to the Completion report.

3. The entries in the Completion report must accord with the closing entries in the Register of Works, and the last Schedule docket submitted to the Examiner.

4. In the case of contribution works, proposals should be submitted as to the disposal of the unexpended balance, if any.

Names of Engineers and Subordinates by whom the work was supervised, giving the dates of their several incumbencies, i.e., the dates of taking and making overcharge, in connection therewith.

NAMES.	Period of incumbency.	
	From	To
J. E. Paul, Esq. & Son	January 1895	April 1895
G. J. Stanley, Esq. Asst. Engineer	August 1895	31/8/95
M. S. Krishna Chari, Esq.	May 1895	Completion
G. S. Ramiah, Esq.	Feb 1895	July 1895
W. Masters, Esq. Asst. Engineer	Aug 1895	October 1895
M. B. P. Narasimha Rao	January 1895	July 1895
	Nov 1895	Completion

EXPLANATION OF DIFFERENCES.

a to c These excesses are partly due to increased conveyance charge of materials as explained in my No. 209 of 26-2-96 to the Superintending Engineer, 1st Circle & partly to the masons being paid at the rate of 9 as such (i.e. 1/2 more than allowed in the estimate) & finally to the circumstances mentioned in my No. 157 of 12-2-95 to the Superintending Engineer, 1st Circle.

d. Substituted concrete arch work.
e to f The lampurns provided in the estimate were insufficient - vide para 8 of this Office No. 209 of 26-2-96 to the Superintending Engineer, 1st Circle.
In place of Brick Arch work in mortar

CHIEF ENGINEER FOR IRRIGATION. P. W. D. Form No. 45 A.
2. APR 96
109
Completion report of Original works and Special Repairs.

DIVISION—Godavari Central

NAME OF WORK—Construction of Under Tunnel to pass Bonda Kadu drain under Magam Channel

Amount of estimate—Rs. 4250

Expenditure " 5780

Difference " -930

Percentage of excess (if any)—

Date of commencement—January 1895

Date of completion—March 1896

Record plan No.—

Forwarded to the Examiner, P. W. Accounts, Madras for verification, as this Office No. _____, dated _____ 189

Documents accompanying.

None

By *[Signature]* Asst. Executive Engineer, Godavari Central Division.

Transmitted to the Superintending Engineer, Circle, duly verified as this Office No. _____, dated _____ 189

Examiner, P. W. Accounts,

Transmitted to _____ for record as this Office No. _____, dated _____ 189

028.3
875/56

Superintending Engineer.

* Here note "Completion certificate" granted by the Civil or Military authority concerned, report, specification, drawing and detail of quantities, when necessary.

No. 531 Gd

FROM

N. C. Demorgan Esq.
EXECUTIVE
SUPERINTENDING ENGINEER in Charge.

FIRST CIRCLE.

Enclosures. 02 TO

THE Chief Engineer for Irrigation

DOWLAISHWERAM, Waltair 15.6.1896.

Dtd. 18.6.96

SIR,

I have the honor to submit herewith a Completion Report received from the Assistant Engineer in charge of the Godavari Central Division and verified by the Examiner of Public Works accounts for the work "Constructing an under Tunnel to pass Bonda Kadu drain under Magam Channel Estimate No 425 of sanctioned in G.O. No. 85 dated 30th January 1895 and to request you will be good enough to obtain sanction of Government authorizing the Examiner of

of Public Works Accounts to
admit the excess expendi-
- ture of Rs 930.0.0 incurred
on the work.

2. The excess is partly due to
the increased conveyance &
charge of materials and
partly to the masons having
been paid at the rate of 9
annas each (i.e. $\frac{1}{8}$ more than
allowed in the Estimate) and
to the substitution of Concrete
arch work etc. as explained
by the Assistant Engineer
in the Report.

I have the honor to be

Sir,

Your most obedient servant

W. D. Morgan
18/6

Executive Engineer
in charge 1st Circle.

CH-696

planaton of the
circumstances which
necessitated the original
estimate being so
largely exceeded.

~~The name of~~ The names of the officers
who prepared & submitted
the original estimate to
me for approval in D. H. G. No.
85.5 of 30/1/95.
less

26/6
9/6

0.52
8125/100

To the Supp Engr
1st Class.

less
22/6
12/6

No. 1073 G.D

FROM

J. C. Lammie Esquire
SUPERINTENDING ENGINEER,

FIRST CIRCLE.

Enclosures.

TO

THE CHIEF ENGINEER

FOR IRRIGATION.

WALTAIR, 29th August 1896.

SIR,

With reference to your memo-
-randum no. 55-G.D dated the
27th June 1896, I have the honour
to inform you that reasons for
the excess on the under Annex
to pass Bondaodu drain under
magam channel are as follows:
1. A large proportion of the
materials supplied by Dowlais-
-weram quarries had to be taken
by a very circuitous route (via
manjair and yanam) owing
to the closure of the Central Delta
canals and the charges for the
conveyance of these materials
were thus more than estimated for.
2. Owing to the remote situa-
-tion of the work, there was a
great

It is not stated whether or not, this
work has been finished.
R. S. H.
13.11.96

This was known when the estimate was made
and it has been provided for. R. S. H.

CHIEF ENGINEER
FOR IRRIGATION.

22 JUN 96

No. 109

S. F. I.
4 509-31-7-04

FROM

SUPERINTENDING ENGINEER

FIRST CIRCLE

TO

THE Chief Engineer
for Irrigation
Madras

DATED 15
DESPATCHED 18
RECEIVED June 1896.

No. 531 G.O.

ENCLOSURES. *one*

SUBJECT.

Submitting a Completion
Report for Constructing
an under Tunnel to pass
Bondakadu drain under
Maganica Chl. Est: Rs 4250.
And request to obtain the
Sanction of Government
authorising the Engineer
in Charge to admit the
Superintendent of Rs 930.00

*068.4
5125/96*

V Memo No 5593 of 27.6.96
With reference to
letter No 531 G.O., of
15th instant, from the
Supg Engr, 1st Circle.
The undersigned has
the honour to observe
that the Excess expendi-
-ture of Rs 930 incurred
on the under tunnel
to pass Bondakadu
drain under Maganica
channel exceeds the
limit of sanction
of the Local Govt.
vide Rule V(c), para
35, Chapter V, Vol II
P.W.D. Code. To
admit of the sanction
of the Govt of India
thereto being applied
for, it is requested
that the Supg Engr
will be so good as
to submit full details

*En.
Excess is 21 per cent
Local Govt power
limited to 10 per cent*

FROM

J. C. Larmine Esq.

SUPERINTENDING ENGINEER,

FIRST CIRCLE.

TO

THE CHIEF ENGINEER

CHIEF ENGINEER
FOR IRRIGATION.

JULY 96

FOR IRRIGATION.

No. 1073

DATED

DESPATCHED

RECEIVED

29.9 } August 6, 1896

No. 1073 G.D.

ENCLOSURES. .

SUBJECT.

Under tunnel to pass Bondreod
 Drain under Megam Channel
 Accounting for the Excess on
 the —

great difficulty in getting la-
 -hour at the estimated rates
 and higher rates had to be
 paid to masons etc.

3. An Extra Sum of Rs 104 was
 charged to the work by owners
 m^{rs} Masters by preparing fic-
 -titious musters, But as he died
 in January 1896, nothing further
 could be done in the matter.

4. The estimated cost of the
 brick arch work for the under
 tunnel was Rs 397 and the
 actual cost of the concrete
 arch work was Rs 427 which
 resulted only in an excess
 of Rs 30.0.0.

I have the honor to be

Sir,

Your most obedient servant.

J. C. Larmine
 Superintending Engineer
 29/8 1896

27/8

025.1
 5125/56