

566

Public Works (1898) Department.

G.O., No. 66 9

DATED 25 January 1898.

27/1/98

[Despatch Abstract.]

Dumagudim Aicut and Canal. Concurring
in the opinion expressed by the Chief Engineer for Irriga-
tion, recommending the maintenance of the
—, Godavari District

11/11

25-1-98

Government {1898} of Madras.
PUBLIC WORKS.

} 1898.

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JANUARY.

Concurring in the opinion expressed by the Chief Engineer for Irrigation recommending the maintenance of the —, Gódávári district.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.

READ—the following papers :—

From M.R.Ry. D. VENKATARATNAM, Supervisor in charge, Dumagudem Sub-division, to the Executive Engineer, Gódávári Eastern division, dated 14th January 1897, No. 75.

As directed in your No. 3928 of 4th ultimo, I beg to report that the "wages for the maintenance of Dumagudem works" have already been cut down to a great extent in 1895-96 and that the existing establishment only comprises the items shown below :—

1 Carpenter at Rs. 15 per month	...	...	...	...	...	...	Rs.
1 Smith	...	...	...	...	...	...	15
1 Bricklayer and "maistry" at Rs. 15 per month	...	...	...	...	...	...	15
1 Storewatcher at Rs. 8 per month	...	...	...	...	...	...	15
1 Bank peon at Rs. 7	...	...	...	...	...	...	8
	...	...	...	...	...	...	7
Monthly Rs.							60 or
Annually „							720

Out of the above staff I find only that the service of a carpenter and a smith are not continuously required. They have been employed only with a view that they serve in time of need, as no one could be procured in this remote part of the country for any reasonable rate when required. If their services were dispensed with a sum of Rs. 30 per mensem or Rs. 360 annually can be reduced. The other establishment is in my opinion absolutely necessary and unavoidable. Regarding the maintenance of canal and "head works," the following charges are required annually on the lowest scale except the unforeseen charges if any :—

2 Lascars for dead lock at Rs. 8 per month for 12 months	...	...	...	...	...	...	Rs.
4 " for tail lock at Rs 8	...	...	...	...	...	...	192
1 Oiling gearings of locks at Rs. 3	...	...	...	...	...	...	384
1 Dredging out silt in lock and lock channels	...	...	...	...	...	...	36
1 Caulking and tarring gates, painting gauge rods, repairing lock lascars' sheds, &c.	...	...	...	...	...	...	400
1 Removing shouls in the canal and slush in locks	...	...	...	...	...	...	200
Sundry charges and contingencies	...	...	...	...	...	...	600
	...	...	...	...	...	...	188
							2,000
Repairs to anicut and stone dam over the ruined scouring sluices							1,500
Rs.							3,500

Out of the above charges I can suggest no reduction. Thus the total charges required annually for maintaining this sub-division are—

1. Wages for the maintenance of works minus wages of carpenter and smith	...	...	...	...	...	...	Rs.
2. Maintenance of canal	...	...	...	...	...	...	360
3. Do. of head works and anicut, &c.	...	...	...	...	...	...	2,000
	...	...	...	...	...	...	1,500
	...	...	...	...	...	...	3,860
or say Rs.							4,000

which cannot be reduced to any extent. In this connection I beg to point out that the tolls levied on boats and timber passing through Dumagudem canal are much below the delta rates according to the Navigation rules. If the fees are raised, for present, to even half of the delta rates, the income would be nearly Rs. 4,000 annually. The local merchants having no more fees to pay between this and Rajahmundry would likely accept this—this was also suggested by the Revenue Department in G.O., No. 192,* dated 21st February 1896.

* Communicated with your No. 160-V.Z., dated 17th March 1896.

In that case the income of Rs. 4,000 will, I believe, be sufficient to remunerate not only the establishment charges, but also the charges for maintaining the canal and head works to a great extent.

Further I beg to submit that there are some ruined tanks in this taluk which are worth restoring. If they are taken up by the department as suggested by the late Superintending Engineer in his letter printed in Government Order under reference, the charges for the maintenance of this sub-division would also partly be remunerated. If you consider that the above systems cannot be introduced, I can suggest no other reduction nor means to remunerate the charges for maintaining the sub-division.

No. 5011.

Forwarded to the Superintending Engineer, I Circle, with reference to his No. 795 G.D., dated 16th July 1896, for consideration and orders. The proposal to raise the tolls on boats and rafts passing Dumagudem canal seems reasonable.

(Signed) G. F. HANDCOCK,
Ex. Engr., Gódávári Eastern Divn.

7th February 1897.

No. 2435 G.D.

Copy submitted to the Chief Engineer for Irrigation with reference to paragraph 2 of G.O., No. 539 I., dated 25th June 1896.

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

20th February 1897.

To the Superintending Engineer, I Circle, dated 16th March 1897, No. 41 G.D.

From W. C. DEMORGAN, Esq., M.I.C.E., Superintending Engineer, I Circle, to the Chief Engineer for Irrigation, dated Waltair, 13th December 1897, No. 1664 G.D.

With reference to your No. I/41 G.D. of 16th March 1897, I have the honour to report as follows.

2. The Executive Engineer, Gódávári Eastern division, informs me that about 30 boats of 10 tons each ply on a 6-weeks toll ticket; and none take out a yearly license.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

READ the following

*Dumagudem ancient canal
note regarding the maintenance of -*

*From Supp Engr, 1st Circh, No. 2435 G.O., 4.20.2.97
To do. 41 G.O., 16.3.97
From do. 1664 G.O., 13.12.97
To do. No. 131 G.O., 17.1.98*

*Note by the Chief Engr
for Irrigation.*

*In his letter
printed in P.W. G. No.
627 I, 9 Aug 1905,
Mr. A.H. Garrett,
then Supp Engr, 1st
Circh, advocated
the abandonment of
the Dumagudem ancient
& Canal on the ground
that their maintenance
involved a loss of
Rs 9,000 per annum.*

*In the note by
the Chief Engr for Irrig.
embodied in the above
P.W. G. a history of the*

+ 2 Lys B.

Isam

NH

*19
20.1.98*

*1008
20/1/98*

No. 66 I., 25TH JANUARY 1898.

3. Under present rules a toll of 8 annas per trip on the Dumagudem canal is levied; and Re. 1 for a lock full of timber (there are no bamboos). 1 lock full = 150' x 25' or 3,750 square feet.

4. At the revised rate, page 24, G.O., No. 162 I., dated 15th February 1897, the total annual collection would be 30 x 10 = 300 tons at Annas 3 = Rs. 56-4 for a period of 6 weeks or Rs. 450 per annum, as the boat would have to take out 8 toll tickets.

5. By the last traffic return (vide G.O., No. 802 I., dated 2nd September 1897), the total raft tonnage was 4,798 tons; and this at 50 square feet per ton = 239,900 square feet.

6. The revised rate being Annas 4 per 100 square feet, the total collection from tolls on rafts would be Rs. 599 and the total on rafts and boats (Rs. 450 + 599) = Rs. 1,049 per annum.

No. 13 I.

Note by the Chief Engineer for Irrigation.

In his letter printed in Proceedings of Madras Government, No. 627 I., dated 9th August 1895, Mr. A. H. Garrett, then Superintending Engineer, I Circle, advocated the abandonment of the Dumagudem ancient and canal on the ground that their maintenance involved a loss of Rs. 9,000 per annum.

In the note by the Chief Engineer for Irrigation, embodied in the above Proceedings of Madras Government, a history of the works is given.

The question raised by Mr. Garrett was referred to the Revenue Department and in Proceedings of Madras Government, No. 192 I., dated 21st February 1896, are published reports by the Special Assistant Agent and by the Collector of Gódvári. The Revenue Department was against the abandonment and suggested raising of the license or toll fees.

In G.O., No. 539 I., dated 25th June 1896, the Superintending Engineer, I Circle, was directed to report whether any sensible reduction could be made in the maintenance charges of these works.

In his endorsement, No. 2435, dated 20th February 1897, the Superintending Engineer estimates the reduced cost of the annual upkeep of the works at nearly Rs. 4,000, and in his letter, No. 1664 G.O., dated 13th December 1897, the revenue expected at Rs. 1,049 per annum, if the rates given in the revised Navigation rules printed in Proceedings of Madras Government, No. 162 I., dated 15th February 1897, are imposed, thus involving a loss of nearly Rs. 3,000 per annum. As this loss is trifling, the undersigned considers that the works should be maintained.

17th January 1898.

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

ORDER—No. 66 I., dated 25th January 1898.

The Government concurs in the opinion expressed by the Chief Engineer for Irrigation in the foregoing note.

(True Extract.)

Under Secretary to Government,
Irrigation Branch.

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

Exd. Md. Pahlavan.

works is given.

The question raised by Mr. Garrett was referred to the Rev. Dept & in P.uly no. 192 J, & 21 Feb 1906, are published reports by the Special Asst. Agent & by the Collector of Godavari. The Rev. Dept was against the abandonment & suggested raising of the license or toll fees.

In G.O. No. 539 J, of 25 June 1906, the Supp. Inf. I Circle, was directed to report whether any sensible reduction could be made in the maintenance charges of these works.

+ May C

May I

+ May L

May M

May O

5P
In his indorsement No. 2435, of 20 Feb 1907, the Supp. Inf. estimates the reduced cost of the annual upkeep of the works at nearly Rs 4,000, and in his letter, No. 1664 40, of 13 Dec 1907, the revenue expected at Rs 1049 per annum, if the rates given in the revised navigation rules printed in P.uly No. 162 J, of 15 Feb 1907, are imposed, thus involving a loss of nearly Rs 3,000 per annum. As this loss is trifling, the undersigned considers that the works should be maintained.

Order thereon

The Govt concurs in the opinion expressed by the Chief Eng. for

Proposed

9.54
15.98

Signature in the foregoing
note.

H
10/1
98

W.H.
17-1-98

Public Works (1897) Department.

CURRENT No. 265 G.D

Order

not to put
This relates to the question
whether the Sanjivani work
should or should not be
abandoned. vide my note
of 10 March last.
The cost of upkeep has been
estimated at nearly Rs 4000 per annum.
The expected revenue of the
various navigation rules rates
are computed amount to
now about Rs 1049 -
involving a loss of nearly
Rs 3000 per annum.

H

4/4/98

The loss is trifling and
consider the work should
be maintained
W.H.
4-1-97

From W. Demorgan Esq
Supt. Engineer I. C. R.

No. 1664 G.D

Dated 13th December 1897

Received 18 — do —

Enclosures nil.

Spare copies

SUBJECT.

Probable amount that can be
realized by toll charge on boats
and crafts according to the revised
rules of navigation. Report
that the — would be Rs 1049
per annum as per report of
the Executive Engineer Godavari
Canal Division R. S. L.

H
12/1/97

18/1/97

19/1/97

To
The Chief Engr. I. C. R.
Supt. Engr. I. C. R.
E. I. C. R.
Rao Dept.
11/1/98

H
5/1/98

BACK PAPERS.

G.O.	No.	Department.	Date.
941	G.D.	16-3-57	
R 159	27	18-3-57	
R 492	27	27-3-57	
R 39	27	27-3-57	

FURTHER PAPERS.

G.O.	No.	Department.	Date.

No. 1664 G.D.

FROM.

H.C. DeMorgan Esq. M.A. C.E.
SUPERINTENDING ENGINEER.

FIRST CIRCLE.

Enclosures. nil TO

THE CHIEF ENGINEER

FOR IRRIGATION.

WALTAIR,

Dated 13. 12. 1897
14-12-97

SIR,

With reference to your No. $\frac{I}{41}$ G.D. of 16 $\frac{3}{4}$ 27.
I have the honour to report as follows:—

2. The Engr. Enquirer Godavaris Eastern Dr. informs me that about 30 boats of 10 tons each ply on a 6 weeks toll ticket, and none take out a yearly license.
3. Under present rules a toll of 8 annas per trip on the Dummagudim Canal is levied, and Re 1 for a lock full of timber (there are no bamboos.) 1. Lock pile = 150' x 25' or 3750 Sq. ft.
4. At the revised rate, page 24, G.O. No. 162 dated 15 Feb 1897, the total annual collection would be $30 \times 10 = 300 \text{ tons} @ 0-3-0 = 56-4-0$ for a period of 6 weeks or Rs 4 50 per annum as the boat would have to take out 8 toll tickets.
5. By the last traffic return - vide G.O. No. 802 dated 2.9.97 the total past tonnage was 4798 tons, and this at 50 Sq. feet per ton = 239,900 Sq. ft.
6. The revised rate being Rs 0-4-0 per 100 Sq. feet, the total collection from tolls on

CHIEF ENGINEER
FOR IRRIGATION.

18 DEC. 1897

S. P. I. 500-29-2-96.
1

FROM

SUPERINTENDING ENGINEER,
FIRST CIRCLE.

TO

THE CHIEF ENGINEER

FOR IRRIGATION.

DATED
DESPATCHED
RECEIVED

189

No.

ENCLOSURES.

SUBJECT.

on rafts would be Rs 599
the total on rafts and
boats Rs (450 + 599) =
Rs 1049 per annum.

I have the honour to

Sir,

You most obedt^t St

M. Morgan

Suptg Engineer First
Circle

mre
13/12.

025.3
586/98

Public Works (1897) Department.

IRRIGATION BRANCH.

ISSUE No. $\frac{1}{41}$ G.D.

To

The Superintending Engineer
First Circle

(Reply to letter No. , dated)

Dated 16th March 1897

Despatched

Enclosures *

* Particulars of Enclosures.

SUBJECT.

Dumagudien Canal Request
to submit a statement of the
fees that might be expected,
if the rates and rules proposed
in the notification containing the
permitted navigable rules accounts
of 1862 of 97 are brought
into force on the —

BACK PAPERS.

FH

No.

Date.

To

D
D
E

Sent to Government with No.

dated

I.

1897.

Printed with G.O., No.

dated

I..

189

REMINDERS ISSUED.

No. 1, dated

189

” 2 ”

” 3 ”

” 4 ”

” 5 ”

KEEP-WITHS.

FURTHER PAPERS

No.

Date.

The Luff-Engineer,
Irish Civil.

1 less
12/31/57.

To Mrs

I
No 24.6.89 4/6-387

Heav.

With reference to Endorse-
ment No. 2435 - G.D. dated 20
February 1897 from the Superf. Insp.,
First Circle, the undersigned has
the honour to request that he
will be so good as to submit
a statement of the fees that might
be expected, if the rates and rules
proposed in the notification ^{contained} ~~are~~
to revised navigation ^{accomplish} ~~are~~
G.D. No 162 ¹⁵⁻²⁻⁹⁷
~~to be published in the Govt. Gazette~~
~~are~~ are brought into force
on the Durgam Cheruvu Canal.

15/3
52

Witt
16:397

Public Works

Revenue (1897) Department.

CURRENT No. 3962

From J. C. Latimer Esq
Supt. Eng. Office

Order

No. 243562

Dated 20 February 1897

Received 25 do

Registered

Enclosures

Spare copies

SUBJECT.

Dummagudem Head works & fuel
Forwards copy of report from the
Sub. Sec. Officer suggesting that the
tolls on boats and timber passing
through the — be raised to a
reasonable rate which will cover
the charges for the maintenance
of — to a great extent

for

BACK PAPERS.

G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.

4190 16 3 97 ✓
 2650 13 12 97 ✓
 80802 2 9 97 ✓
 162 15 2 97 ✓
 539 25 6 97 ✓
 152 21 2 96 ✓
 74 12 9 97 ✓
 627 9 8 95 ✓

No. 75.

From

D. Venkatasatnam
 Supervisor in charge
 Dumagudim Subdivision

To

The Executive Engineer
 Godavari Eastern Division

Dated 14th January 1897.

Sir,

As directed in your no. 3928 of
 4th ultimo, I beg to report that the "wages for
 the maintenance of Dumagudim works" have
 already been cut down to a great extent in 1895-96
 and that the existing establishment only com-
 -prises the items shown below:-

1. Carpenter at Rs 15 per month Rs 15-0-0
 - 1 Smith - do - Rs 15-0-0
 - 1 Bricklayer & masonry do - Rs 15-0-0
 - 1 Storewatcher @ Rs 8 per month Rs 8-0-0
 - 1 Bank Peon @ Rs 4 per do Rs 7-0-0
- Monthly Rs 60-0-0 or
 Annually Rs 720-0-0

Out of the above staff I find only that the
 services of a Carpenter and a Smith are not
 continuously required. They have been em-
 -ployed only with a view that they serve
 in time of need as no one could be pro-
 -cured in this remote part of the Country

for any reasonable rate when required. Their services if dispensed with a sum of Rs 30 per mensem or Rs 360 Annually can be reduced. The other Establishment is in my opinion absolutely necessary and unavoidable.

Regarding the maintenance of canal & Head works. The following charges are required annually on the lowest scale except the uniform charges if any.

2. Lascars for Head Lock at Rs 8 per month for 12 months — Rs 192
- 4 -do for Tail Lock at Rs 8 per month for 12 months — Rs 384
- 1 Oiling gearings of locks at Rs 3 per month for 12 months — Rs 36
- 1 Dredging out silt in Lock and Lock Channels — — — — Rs 400
- 1 Caulking & Tarring gates, painting gauge rods, repairing Lock Lascars sheds &c. — — — — Rs 200
- 1 Removing shoals in the Canal & Slush in Locks — — — — — Rs 600
- Sundry Charges & Contingencies Rs 188.

Repairs to Ancient & Stone Dam over the ruined Scouring sluices — — Rs 1500

Rs 3500
Out of the above charges I can suggest

no reduction. Thus the total charges required annually for maintaining this subdivision are:-

1. Wages for the maintenance of works minus wages of Carpenter & Smith — Rs 360
2. Maintenance of canal — — — — Rs 2000
3. -do - Head Works & Ancient &c. Rs 1500

3860

or say Rs 4000

which cannot be reduced to any extent. In this connection I beg to point out that the tolls levied on boats and timber passing thro' Dummagudiem Canal are much below the Delta rates according to the navigation rules. If the fees are raised, for present, to even half of the Delta rates, the income I would be nearly Rs 4000 annually. The local merchants having no more fees to pay between this and Rajahmundry would likely accept this - this was also suggested by the Revenue Department in G.O no. 192 of 21.2.96. In that case the income of Rs 4000 with the - lieue be sufficient to remunerate not only the Establishment charges but also the charges for maintaining the canal and Head works to a great extent.

Further I beg to submit that there are some ruined tanks in this Taluk which are worth restoring. If they are taken up

Communicated with
your no. 160 of 17.3.96.

by the Department as suggested by the late Super-
intending Engineer in his letter pointed in G.O.
under reference, the charges for the maintenance
of this sub division would also partly be remunerated.

If you consider that the above systems can-
not be introduced I can suggest no other re-
-duction nor means to remunerate the charges
for maintaining the sub division.

I beg to.

[Sd] D. Venkataratnam
Superintendent in Ch. Duma-
-gudim sub division.

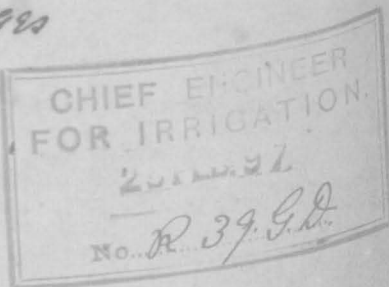
No. 5011.

Forwarded to the Sup^g Engineer I agree
with reference to his no. 495-98 for Consi-
-deration and orders. The proposal to raise
the tolls on boats and rafts passing Duma-
-gudim Canal seems reasonable.

[Sd] G. H. Handcock
En. Sup^g G. 2. 97.

No. 2435 G.O. dated 20. 2. 97
Copy submitted to the Chief Engineer
for Irrigation with reference to para 2 of G.O.
no. 539 I dated 25. June 1896.

J. C. Lawrence
Superintending Engineer
10/11/97
1897



566/58