

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works **DEPARTMENT.**

G.O. No. 1881	Press
506.1 507	Mis.
Dated 24 - 6.	1867.

Not to be folded or roughly handled

2/15/17

14

*Proceedings of the Madras Government, Public Works Department,
24th June 1867.*

No. 506A. Read the following letter from the Superintending Engineer, 2nd Division, to the Secretary to Government, Department Public Works, dated Masulipatam, 5th June 1867, No. 32:—

* 2 Plans (by banghy).
1 Detailed Estimate
1 Abstract do. Rs. 5,680.
1 Specification Report.

1. I have the honour to forward plans and estimate as per margin,* for the construction of a rough stone rapid at Doogerallah, and the enlargement

and deepening of the canal from it to the Commamoor channel, amounting to Rupees 5,650, for the sanction of Government.

2. The necessity of the work will be apparent from the levels shown in the sketch. A fall exists of 6 feet in one mile and 2,180 feet between the escape and the commencement of Commamoor channel, i. e., nearly 56 inches per mile, which would, besides being subject to a retrogression of levels, render the channel unfit for navigation; and, moreover, by the shallowness of the water that would lie on the lower sill of the lock, prevent the passage of craft of any large size entering it.

3. I prefer a rapid to a masonry fall, as stone can be procured cheaply at Doogerallah, and the expense will be much less.

4. Should Government approve of the work, I would suggest that the sum now required be added to the amount sanctioned for the Commamoor channel project,† and that the money needed may be transferred from Item No. 135 to Item, No. 139, as I do not anticipate that the full amount sanctioned for the

former work (Rupees 20,080) can be expended during the current year.

No. 507. ORDER THEREON, 24th June 1867, No. 1,881.

IRRIGATION, No. 29.

1. The estimate of Rupees 5,680 which is submitted with this letter for the construction of a rough stone rapid to

serve as a calingulah at Doogerallah, and for the enlargement and deepening of the canal connecting the Commamoor with the Toongabudra channel in the Kistna District is sanctioned for immediate execution.

2. The Government approve and sanction the proposals contained in paragraph 4.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Superintending Engineer, 2nd Division, with one Specification.

„ Accountant General.

„ Controller of Public Works Accounts.

Exd. S. T. Augustin.

No 32

Superintending Engineer
Madras
5th June 1867.

34

From Lieutenant Colonel J. V. D. M.
Superintending Engineer in
To Colonel Charles A. O.
Secretary to Government
J. P. D. M.
Madras.

Sir I have the honor to forward
plans and Estimate as per margin
for the Construction of a Rough stone
rapid at Booggeroloh; and the
Enlargement and deepening of the
Canal from it to the Commamoor
Channel, Amounting to Rupees, 5680
for the sanction of Government.

Plans (by margin)
Detailed Estimate
also No 5680
Specification
report

2 The necessity of the work will
be apparent from the levels shown
in the sketch - a fall exists of 6 feet
in one mile and 2,180 feet, between
the Escape and the Commencement
of Commamoor Channel - i.e. nearly
56 inches per mile - which would
besides being subject to a retrogression

of lands bordering the Channel unfit
for navigation, and moreover by the
shallowness of the water that would
lie on the lower sill of the Locks
prevent the passage of Craft of
large size entering it.

I prefer a rapid to a masonry
fall, as stone can be procured
cheaply at Dooggerolloh & the
expense will be much less.

If I should Government approve of
the work, I would suggest that the
sum now required be added to the
Amount sanctioned for the Comma:

= moon Channel project and that the
Money needed may be transferred
from Item No 135 to Item No 139, as

I do not anticipate that the full
Amount sanctioned for the former
work (Rs 20,080) can be expended
during the current year.

+ Visa Item 139 of
Budget 1867-68-72
185,460
D. G. 13108/1
14 May 1867 4630
190090

I have the honor to be
Yours most Obedt Servt
Commissioner. V. S. 1868
Supt Engineer 2d Div

19/11
A. M.

78

Total Rough Stone $\text{c}^{\text{t}} \text{ft}^3$ 26904 $\frac{1}{2}$
or 5. — 5. $\text{c}^{\text{t}} \text{ft}^3$ 996 $\frac{1}{2}$

Retaining wall. _____ 1 11 1/2 2 1/2 5 1/2 13 7/8 3/8

Total Rubble in Chimney Cc ft. 157 1/2 3/8

or _____ 9c _____ 4c _____ Cc 1/2 58 1/2

Particulars.	Average Depth.	Breadth.	Superficial Content.
<u>Widening and deepening Canal.</u>	34' 6 $\frac{3}{4}$ "	5 $\frac{1}{2}$ '	190' 1 $\frac{1}{8}$ "
	33' 2 $\frac{3}{8}$ "	4'	132' 9 $\frac{1}{2}$ "
	31' 2 $\frac{1}{4}$ "	2'	62' 4 $\frac{1}{2}$ "
	29' 9 $\frac{1}{8}$ "	6'	178' 6 $\frac{3}{4}$ "
Section at 5 $\frac{1}{2}$ Station.	29' 7 $\frac{1}{2}$ "	10'	296' 3"
	30' 1 $\frac{1}{8}$ "	10'	300' 11 $\frac{1}{4}$ "
	30' 3 $\frac{3}{8}$ "	10'	302' 9 $\frac{3}{4}$ "
	31' 2 $\frac{3}{4}$ "	4'	124' 11"
	33' 1 $\frac{1}{2}$ "	18'	596' 3"
Carried forward			2184' 11 $\frac{7}{8}$ "

5301

25th June 1867
 No 14. at Bath
 Messrs Messrs
 Watson & Son
 Contractors of a Railway
 Stone Laid at 80 paces
 & 1/2 mile long with a
 bed level of 1/2 mile
 from it to the Common
 Channel Country
 59th 5650 ft at the
 station of 59th 5650 ft

Public Works Department

1881
No 1881

PROCEEDINGS of the MADRAS GOVERNMENT.

Under date the 24th June 1867

Read the following

To: Mr. Supg Engineer of the
2nd Division

(Here enter No. 22 dated 5th June 1867)

The Estimate of Rs. 5680 which is submitted with this letter for the construction of a rough stone rapid to serve as a Calingulah at Doogerallah and for the enlargement and deepening of the Canal connecting the Commamoor with the Toongabudra channel in the Kistnah District is sanctioned for immediate execution -

2. The Govt approve and sanction the proposal contained in para 1

The S. Engr 2 on with one
Accepted

Contractor
+ Recd Dept
Recd 25/6/67
+ 18/7/67

Signature

22256/67

P. W. 1867. Department,
Pro: of Govt for Arme
No. 1881

PROCEEDINGS OF GOVERNMENT *of Madras*

Dated *24th June 1867*

*Sanctioning the
Estimate of Rs. 5,687 for the
construction of a Rough
stone rapid at Orgeralla,
and for the deepening, &c. of the
canal from it to the Gamma-
moor channel in the Krishna
District.*

No. 506 D-507

e. 19th June/67. Ad-20m