

(1) Number of pages 8
(2) Date of repair 18. 11. 42
(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. <u>1027</u>	Press ~~Mis~~
<u>273-274</u>	
Dated <u>19-4-</u>	<u>1865.</u>

Not to be folded or roughly handled

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*Proceedings of the Madras Government, Public Works Department,
19th April 1865.*

No. 273. Read the following letter from Lieutenant-Colonel J. C. ANDERSON, R. E., Superintending Engineer, 2nd Division, to Colonel C. A. ORR, R. E., Secretary to Government, Department Public Works, dated Masulipatam, 3rd April 1865, No. 155 :—

SIR,

1 Plan.
1 Abstract estimate.

1. I have the honor to submit, for the sanction of Government, a plan and estimate amounting to Rupees 14,100,

for constructing a bridge across the Sultanagram swamp at Masulipatam, in place of the bridge which was destroyed on the 1st November 1864.

2. The old bridge had a waterway of 150 feet, which was unnecessarily large for ordinary purposes; and unfortunately it had not been furnished with a floor and retaining walls. Had it not been for this omission, I think it probable that the embankment on either side would have given way, and that the masonry work would have been saved. It could not have been anticipated, however, that the bridge would ever have been exposed to such a flood as that of the 1st November last.

3. The new bridge will have a waterway of 96 feet, 12 bays each, 8 feet span, and will be furnished with a strong floor. The piers will be extended in rear to hold a small iron aqueduct for conveying water into the town, and the abutments of the old bridge will be formed with cisterns. The estimate now submitted allows, however, for the construction of the bridge only.

4. An application will be submitted for the funds required for the completion of the bridge at the commencement of the ensuing year, an allotment having already been granted* for the current year.

* G. O. No. 791, dated 21st March 1865.

No. 274. ORDER THETEON, 19th April 1865, No. 1,027.

CIVIL WORKS, No. 53.

1. The Governor in Council sanctions the estimate submitted with this letter, amounting to Rupees 14,100, for

re-constructing the bridge across the Sultanagram swamp on the Masulipatam and Hyderabad road in the Kistna District.

No. 791, dated 21st March 1865.

2. Rupees 6,000 have been provided for the work in the Order marginally noted. The balance of the estimate will be granted after the 1st proximo.

(True Extract.)

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

To the Superintending Engineer, 2nd Division.
,, Controller of Public Works Accounts.
,, Accountant General.

Exd. S. T. Augustin.

Liberal District

Work Constructing a new Bridge across Uttangarum
Swamp on Marulipattam and Azhokhad Road
with Provision for drinking water attached

Quantity.	Description of Charges.	Rate.	Amount.	Total.
9166.05	Cubical ft of Concrete	" 26	11,323 1	
34845.085	Do of Brick in Churn	" 36	7622 56	
18151.2	Square of Plastering Churn	3 " "	544 86	
377.5	Running feet of Gravel work	" 8 "	188 12	
	Centrings		600 " "	
	Roadway and Approaches		1000 " "	
	Excavation for foundation			
	Retaining and Temporary		1500 " "	
	Quarry			12,887 13 1
	Surveys & Contingencies including removal of old Pond			1212 2 "
	Total Estimate Paper			14,100 " "

*Superintending Engineer
of Civil & Mechanical*

27th February 1865 -

Judson

Superintending Engineer &c

Despatched 3^d April 1845

No 155

Sup^y Engrs Office
Maulipatam
3^d April 1865.

Recd of

1 Plan From
1 Abstract
Estimate
2

Recd Col J. C. Anderson R. E.
Sup^y Engineer and Dir
To Colonel C. A. O. R. E.
Secretary to Government
D. D. C.

Sir
I have the honor to submit
for the sanction of Government a plan
and Estimate amounting to Rs 14,100,
for constructing a bridge across
the Sultanagum Swamp at Ma-
lepatam, in place of the bridge
which was destroyed on the 1st Nov^r 1864.
2 The old bridge had a water-
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tionally large for ordinary purposes;
and unfortunately it had not been
furnished with a floor & retaining
walls. Had it not been for this
omission, I think it probable
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would have given way and that the

11/12/24/65

Abstract Estimate
No 25 of 1864-65
To the District
Engineer at D. D.
Sultanagum
Swamp and Ma-
lepatam
Road with concrete
for building water-
way to Rs 14,100.
Done 19th April 1865 at 25.

masonry work would have been
saved. It could not have been
anticipated, however, that the bridge
would ever have been exposed to
such a flood as that of the 1st
November last.

3 The new bridge will have a
waterway of 96 ft. - 12 bays each
8 ft. span, and will be furnished
with a strong floor. The pier &
will be extended in rear to hold
a small iron aqueduct for conveying
water into the town, and the abutments
of the old bridge will be formed
with cisterns. The estimate now
submitted, allows, however, for the
construction of the bridge only.

4. An application will be
submitted for the funds required
for the completion of the bridge
at the commencement of the ensuing
year, an allotment having already
been granted for the current year.

I have the honor to be

Yours most ^{truly} Obedt. Servant
W. Anderson, Esq. J.P. &c.
Sup. Engineer &c.

40 10791
21st March
1865

W.A.

[Faint, mostly illegible handwritten notes and signatures on the right page, including phrases like "The bridge will be completed", "The estimate now submitted", and "I have the honor to be"]

