

(1) Number of pages 1/2(2) Date of repair 1/1/37(3) Initials of the Referencer **MADRAS RECORD OFFICE.****Government of Madras.***Public works***DEPARTMENT.**G.O. No. 581Press
Mis.414-415Dated 19-2-1866.**Not to be folded or roughly handled**

113

*Proceedings of the Madras Government, Public Works Department,
19th February 1866.*

No. 414. Read the following letter from the Superintending Engineer, 7th Division, to the Secretary to Government, Department Public Works, dated Vittel, 5th February 1866, No. 250 :—

With reference to paragraph 1 of
Major Farewell's Report,* printed with
G. O. No. 3,573 of 24th November
1865, I have the honor to submit, for the sanction of Government, an estimate†
Rupees 1,936 and plan for re-construct-
ing the bridge at the head of the Segoor
Ghaut, alluded to; and request that
funds may be allotted after 1st May next from the Reserve of 1866-67.

* No. 176 of 4th November 1865.

† No. 70 of 1865-66.

No. 415. ORDER THEREON, 19th February 1866, No. 581.

CIVIL WORKS, No. 50.

1. The Governor in Council sanctions the estimate, amounting to Rupees 1,936, for the construction of a bridge at the head of the Segoor Ghaut, in the Coimbatore District, to re-place that which was swept away during the storm of the 23rd October last.

2. It is observed that the plan prepared by Major Farewell provides for 330 square feet of waterway.

3. The Superintending Engineer will apply for a grant for the execution of the work after the 1st May next.

(True Extract.)

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

To the Superintending Engineer, 7th Division.

„ Accountant General.

„ Controller of Public Works Accounts.

Exd. S. T. Augustin.

in

9/12/65
2135

Cent. No. 70 of 1865-66.
Detailed Estimate No. 61 of 1865-66

36

Nilgerry Range

Coimbatore District

Work

Constructing a Bridge at the "Chemathankie Nullah"
at the Head of the Sugoor Shant on the road from Cotacamund
to Kullatty.

	Measurement			Contents
	L	B	D	
Foundation to one abutment	14	3	4	168
do to Wing walls	12	3	4	144
do to retaining walls	60	2	4	480
Flooring	30	10	1 1/2	450
Left or 46 layers Rough stone in Chunnam				1242
Abutment above	14	2 1/2	12	420
Wing walls above	12	2	12	288
Raising the existing abutment	14	2 1/2	4	140
do do 2 Wings	12	2	4	96
Parapets	24	1 1/4	3	90
Left Brick in Chunnam				1034
Sides of 2 abutments	28	12		336
do of Wing walls	34	12		408
Parapet walls	68	3		204
Left Clustering with 2000 to of Chunnam				948
2 Sec. Beams	33	3/4	1	49 1/2
4 Queen Posts	6	3/4	3/4	13 1/2
2 Stringers	11 1/2	1	3/4	17 1/4
4 Struts	11 1/2	1	3/4	32
2 Uprights large	5	1/2	1/3	12 2/3
4 do Small	3 1/2	1/3	1/3	15 5/9
2 Hand rails	32	1/4	1/3	5 5/8
22 Joists	13 1/2	1/4	1/2	37 1/8
Planing	33	12	1/6	66
Left Teakwood wrought 8 per 6 up				223 6/8
8 Inches Nails				44
4 do Planing				57 1/2
5 do Screw Nails				10
Iron Straps with bolts and nuts complete				12
Guard Stones				4
Layers Raising the present approaches	70	7 1/2	1 1/2	180
Excavating foundation and Sundries @ 5 per Cent				

Abstract of Detailed Estimate No. 61 of 1865-66

Quantity	Particulars of Charges	Price	Rate	Amount	Rs.
1242	6 ft or 46 Cords Rough Stone in Chhunam	8	¢ 60 yds	368	..
1034	6 ft Brick in Chhunam	40	¢ 100 sq ft	1113	16
948	1/2 ft Plastering with 2 coats of Chhunam	8	¢ Square	75	13
223 6/7	6 ft Teakwood in rough 6 and put up	3	¢ 10 ft	783	15
44	8 Inch. Nails	6	¢ 100	2	10
572	1 do Planing Nails	3	do	17	3
10	5 do Screw do	6	do	1	6
12	Iron Straps with bolts and nuts complete	10	each	120	..
4	Guard Stones	4	do	16	..
180	Cords Raising the present Approaches	45	¢ 60 yds	1842	6
	Excavating foundation & Sundries @ 5% cent			93	14
Total Estimated Rs. 9956					

Specification

The foundations of the Bridge are to be of Ch Stone in Chhunam 4 feet deep.

The abutments are to be connected with each by retaining walls in front & rear built of rough stone in Chhunam 4 feet deep and the flooring is to be the same material 1 1/2 feet in thickness.

The abutments are to be 2 1/2 feet thick raised to uniform height of 11 ft. The Bridge will provide 330 square feet of water way.

The Superstructure of the Bridge is to be of timber Trusses with Joists and Plank Deck.

The Parapets are to have no interior rivets, and the road way over the Bridge is to be 12 feet and the approaches are to be made horizontal.

W. S. S. S. S.
Executive Engineer

Executive Engineer's Office
No. 1 or 2, Kalgerry Range
Ootacamund 15th Decr 1865

W. S. S. S. S.
Executive Engineer
Supd.

Public Works Dept.

No 581

No 250.

Supr Engineer's Office
7th Division
Cuttack, 5th February 1866.

To, The Secretary to Government
Department Public Works.

Recd 2. - Sir,
With reference to para 1 of Major's order 1866
* n: 176 of 4: Farewell's Report printed with L.O. No 250
Nov. 1865. - n: 3573 of 24. Nov. 1865. I have the
honor to submit for the sanction of
* n: 70 of 1865-66. Government an estimate of Rs. 1935/-
Plan for constructing the Bridge
at the head of the Segoor Grant, or in
alluded to, and request that
funds may be allotted after Feb. 1866-67. - I have the honor to be
Sir,
Your most obed. Servant
E. M. Walter Lieut. Col. R. Segoor
Supr. Engr. &c. &c. before
District, to replace that
which was swept away
during the storm of the
23rd October last -

It

Recd 2. - Sir,
With reference to para 1 of Major's order 1866
* n: 176 of 4: Farewell's Report printed with L.O. No 250
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23rd October last -

1000/1000

1000/1000

C. P. H.
Public
Engineering
Cuttack District

Work - for constructing a
bridge at the head of the
Segoor Grant, or in
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funds may be allotted after
Feb. 1866-67. - I have the
honor to be
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Your most obed. Servant
E. M. Walter Lieut. Col. R. Segoor
Supr. Engr. &c. &c. before
District, to replace that
which was swept away
during the storm of the
23rd October last -

1st 1866 Date
The Division D.P.W.
From the Secy to Govt. of Madras
The Supg. Eng. 7th Div.
To the Secy to Govt. D.P.W.
Madras

Dated 6th Feb 1866
Recd 12 Feb 1866

No. 250. 1 Plan
Encls: 2.

Forwarded Plan & Estimate
No. 1936 for Bridge at
head of Seegoor Ghat.

A 414

2. 11th Feb 1866 No. 175

No. 581 - 19th Feb 1866

Public Works Dept

No 581
Proceedings of the Madras Government
Under date 1st 19th February 1866

From the Supg Engineer
of the 7th Division

Forwarded Plan and
Estimate No. 1936 for Bridge at head of Seegoor Ghat.
(Here enter 5th February 1866 No 581)

The Governor in
Council sanctions the
estimate amounting to
Rupees 1936 for the con-
struction of a bridge
at the head of the Seegoor
Ghat, in the Coimbatore
District, to replace that
which was swept away
during the storm of the
23rd October last -

It

2. It is observed
that the plan prepared
by Major Farnwell
provides for 330 square
feet of waterway.

3. The Superintending
Engineer will apply for a
grant for the execution
of the work after the 1st
May next.

W. H. B.

To
S. Engr. 7th Div.
Acad. Engr. -
4th Controller -
20th Dec 1894

To W 1866 Department.

Pro. of Govt for F. S. S.

577
A. 581

Pro. of the Madras Govt.

D. 19th February 1866

Bridge at the head
of the Segoor Chait. Coimbatore
District - The estimate amounting
to Rs. 1936. for re-pla-
cing the - , sanctioned, &c.

A. 414. 415

11th Feb. 1866 No. 172