

(1) Number of pages 16(2) Date of repair 7-10-42

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. *2642*Press
~~Mis.~~Dated *26-8-1866*

Not to be folded or roughly handled

18

*Proceedings of the Madras Government, Public Works Department,
24th August 1864.*

Read the following letters :—

No. 515. From Captain F. J. MOBERLY, R. E., Superintending Engineer, 8th Division, to Colonel C. A. ORR, R. E., Secretary to Government, Department Public Works, dated Madura, 30th May 1864, No. 336 :—

SIR,

- 1 Comparative Statement.
- 1 Copy of Estimate.

• No. 2,126, dated 5th September 1862.

1. I have the to honor enclose a Comparative Statement showing probable sum required in addition to Estimate already sanctioned* for cutting the inner angle of the reef at Paumbum.

2. Soundings have been taken very carefully by Major Syme over the whole area, and he calculates that there are really 6,145 cubic yards more to be removed than was originally allowed for, he has allowed also in his Estimate for a slightly higher rate which is rendered necessary by the increased demand for Divers and the rise in price of provisions, &c.

3. I enclose copy of Major Syme's Estimate for the information of Government.

No. 516. From Captain F. J. MOBERLY, R. E., Superintending Engineer, 8th Division, to Colonel C. A. ORR, R. E., Secretary to Government, Public Works Department, dated Kodacanel, 26th July 1864, No. 719.

SIR,

1. In returning the enclosed Plan, I have the honor to report that it shows the actual amount of work remaining to be executed on the 13th April last. It is impossible to show what had been previously done as the soundings do not exist.

2. It is most difficult to exhibit work in detail in such a place as Paumbum, the rocks are very uneven, and operations are obliged to be varied according to the weather, amount of obstruction, &c., to add to all Major Syme who could have afforded some slight information from his personal knowledge of the reef, &c., is lying utterly insensible at Paumbum from paralysis.

No. 517. ORDER THEREON, 24th August 1864, No. 2,442.

1. These papers refer to a supplemental Estimate submitted by the Superintending Engineer, 8th Division, for removing the inner angle of the reef at Paumbum.

2. The original Estimate for this work, amounting to Rupees 15,080, was sanctioned upon the 12th June 1860;† but, owing to errors in arithmetical calculations, this Estimate had to be replaced by a revised one, amounting to Rupees 43,340, which received the sanction of Government upon the 5th September 1862.‡

† In G. O. No. 215, Marine Department.

‡ In G. O. No. 2,126.

3. The Superintending Engineer now reports that, from soundings carefully taken by the late Major Syme, it appears that the amount of rock to be removed exceeds that allowed for in the Estimate by more than 6,000 cubic yards. Captain Moberly also states that the great demand for Divers and the rise in prices have caused a slight increase in the rates. These causes together have necessitated the submission of a supplemental Estimate amounting to Rupees 19,460.

4. Upon consideration of these papers, and the Plan which accompanied them, the Governor in Council doubts whether the object to be gained is of sufficient importance to justify the large additional outlay now applied for. At all events funds are not now available for the purpose. The work at the inner angle of the reef will accordingly be stopped when the Estimate§ now sanctioned shall have been exhausted.

§ Rupees 43,340.

(True Extract)

(Signed) J. H. M. SHAW STEWART, Major, R. E.,

Deputy Secretary to Government.

To the Superintending Engineer, 8th Division.

„ Controller of Public Works Accounts.

Exd. S. T. Augustin.

Sup^d Engineer's Office S^d Division
No. 336 Madras 30th May 1864

From,

Captain F. J. Hooley R.

Superintending Engineer S^d Division

To,

Colonel H. A. Orr R.

Secretary to Government D.O.W.

Sir,

Public.

1. I have the honor to enclose a comparative statement showing probable sum required in addition to estimate already sanctioned for cutting the inner angle of the reef at Pambam.

2. Soundings have been taken very carefully by Major Syme over the whole area, and he calculates that there are, really 5125 cubic yards more to be removed than was originally allowed for. he has allowed also in his estimate for a slightly higher rate which is rendered necessary by the increased demand for divers and the rise in price of provisions &c.

3. I enclose copy of Major Syme's estimate for the information of Government.

I have &c

F. J. Hooley

Captain R.

Superintending Engineer S^d Division.

No. 3126 dated 5th
September 1862.

2. 137 June 1864 Dr. 157

82575

5. 137 June 1864 Dr. 157

108-1

13. 137 June 1864 Dr. 157

14. 137 June 1864 Dr. 157

15. 137 June 1864 Dr. 157

16. 137 June 1864 Dr. 157

17. 137 June 1864 Dr. 157

18. 137 June 1864 Dr. 157

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23. 137 June 1864 Dr. 157

Public
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Superintendent Engineer's Office
Kodacan 26th July 1864
From, Captain J. J. Moberly R.E.
Superintending Engineer
8th Division.

To, The Secretary to Government
Public Works Department.

Sir, In returning the enclosed plan,
I have the honor to report that it shows the
actual amount of work remaining to be
executed on the 13th April last. It is im-
possible to show what has been ^{previously} done as the
soundings do not exist.

2 It is most difficult to exhibit
work in detail in such a place as Pamban.
The rocks are very uneven and operations
are obliged to be varied, according to the
weather, amount of obstruction &c. to add
to all Major Syme who could have afford-
ed some slight information from his
personal knowledge of the reef &c. is
lying utterly insensible at Pamban
from paralysis.

I have the honor to be,
Sir,

Your most Obedient Servant,
J. Moberly Captain R.E.
Superintending Engineer
8th Division.

1934 Oct 17864 - Oct. 1977

I found
 in the certain ob-
 viousness of the
 numerous reg. channels
 leading to actual anarchy
 would be necessary to be
 created on the 23rd April 1848

[illegible][illegible]

Comparative Statement showing the difference between the Original and Revised Estimate for completing the taking of the angle of the Reef Channel Cambrian.

Description of work.	Original Estimate.		Revised Estimate.		Difference.
	Quantity	Rate.	Amount.	Quantity	
Cubic yards	21299	21	6 $\frac{1}{2}$ 43360	27.444 $\frac{12}{27}$	21476 62799 12 - 19123 12 -
Deduct amount of Original Estimate sanctioned in G.O. No 126					5 th September 1884 43360

~~Net amount requiring Satisfaction Papers — 19.59 '12 "~~

Sup's Inqrs Office
8th Dr. Madras.
30th May 1864.

H. Huch
Superintending Engineer S^d Division.

Enclosed are a letter from
the Major Engineer & Division
dated 30th May 1866 No. 336
of
The Secretary to Government.
J. H. R.

7077 2480/64.

Comparative statement
showing the difference between
the original and Revised esti-
mates for completing the works
of the works of the Major General
Barrington.

Estimate for Completing the taking of the angle of the

Department

1864.

Remarks

Survey letters

no 336

no 719.

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7th June
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to Rs.
received
of 5th
1862.

see
from

Measurement	Description of work	Price	Rate	Amount	Amount for each work	Total
L 10 H 4	Divers pay for raising and removing 1. Phony load 1000 lbs.	at 11.	3. per foot	4 11.		
	10 Convicts	at 12.	each	12 12.		
	Divers pay for jumping & clearing 5 blasting holes	at 5.	each	1 9.		
	8 Convicts	at 11.		10 8.		
	Divers & crew pay for blasting above	at 10.		8 10.		
	8 Bamboos	at 20.		16 0.		
	3 Goat skin	at 6.		1 2.		
	30 lb Powder	at 6.		11 10.		
	1/4 Tonum Dammer	at 5.		1 10.		
	1/2 measures Lamp oil	at 12.		1 12.		
	Rope			5 0.		
	Working pay for 2 Sepoys	at 20.		4 6.		
	1. Chukler			6 0.		
	1. Tonum Iron			1 12.		
	2 lb Steel			0 0.		
	1. Bag Charcoal			5 0.		
	55 feet Patent Sizer	at 1.		3 7.		
	Cotton & wax for sewing Bags			5 0.		
	Sundries			1 0.		
	Total for 1 Phony for 1 Day			32 9 1/4		
	Do for 3 Phony			97 12 1/2		
	Total for 20 days			1955		
	Stow of 7 Canoes	at 25.	per month	25 0.		
	3 Boats men	at 6.		18 0.		
	3 Smiths, 3 Hammers, 2 Saws & 2 Bellows	at 20.		120 0.		
	Total for 1 month of 20 days for Crafts & Phony			2070		
	Stand Dredge			300		
	Total for 1 month			2370		
	To be removed 27 1/4 ft. or 7 1/4 1000 Cubic feet					
	3 Phony to remove 900 feet per day or 18000 feet per month for 20 days					
	Stand Dredge do 500 feet — 10000					
	Total per month of 20 days 28000 ft. or for 26 1/2 months 7 1/4 1000 feet					
	Total for 26 1/2 months			62799 12 1/2		

Pamunee
19th May 1864

1 True Copy

Signature

Signature of W. Sykes Major
Adj. Gen. of operations Pamunee

130
No 2142. Public Works Department
Proceedings of the Madras Government
Under date 21st August 1864.
Read the following letters

From the Sup^r Eng^r 8th Dec^r

Forwards a comparative statement showing
probable sum required in addition to estimate
already sanctioned for cutting the inner
angle of the reef channel at Pannam.

From D^r — S^r — S^r

Forwards with certain observations the
plan of the Pannam reef channel
showing the actual amount of work
remaining to be executed on the 13th
April last.

H.E. 30th May 1864 no 336

H.E. 26th July 1864 no 719.

These papers refer to a
supplemental estimate
submitted by the Sup^r
Engineer, P^r Division,
for removing the inner
angle of the reef at
Pannam.

The original estimate
for this work, amounting
to Rs. 15,080, was sanc-
tioned upon the 12th June
1860; but, owing to
errors in arithmetical
calculations, this ~~last~~
estimate had to be
replaced by a revised
one, amounting to Rs.
43,340, which received
the sanction of Gov^t
upon the 3rd Sept. 1862.

The Sup^r Engineer
now reports that, from

* in S. O. 215. Marine
Dept

* in S. O. 2126.

Estimate for completing
the cutting of the angle of
the Reef channel Pannam

227/2482/74

Forwards to Government
M. B.

Received in office from
the Sup^r Engineer 8th Dec^r
dated 30th May 1864 No. 336

Soundings Carefully taken
by the late Major Syme,
it appears that the amount
of rock to be removed
exceeds that ~~which was~~
allowed for in the estimate
by more than 6000 cubic
yards. Captain Moberly
also states that the great
~~increased~~ demand for
divers, & the rise in prices
have caused a slight
increase in the rates.
These causes together have
necessitated the submission
of a supplemented estimate
amounting to Rs. 19,460.

Upon consideration
of these papers, & the
plan which accompanied
them, the Governor in
Council ~~in opinion~~ doubts whether
that the object to be
gained is ~~not~~ of suf-
ficient importance to
justify the large ad-
ditional outlay now
applied for. The work
at the inner angle
of the reef will ac-
cordingly be stopped

At all events funds
are not now available
for the purpose.

Rs. 43,740.

When the estimate
now sanctioned shall
have been exhausted.

M.

To The Sup^y Engr. & 8th Div^y
Controller & aud^r of M. Accounts

D. Off. 25th August -

P. W. 1864 Departs
Pro. of Govt for August
No 2442

Pro. of H. Govt in the
Public Works Departs
Depart 24 August 64

Departs at 11.00

under angle of the Regat
Commission, Maxima Darts
ordered to be stopped
when the estimate of

Bel 40000 donations
for the W. L. R. R. where
have been exhausted

No 5150 514