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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. <u>2058</u>	Press
<u>461-463</u>	Mis.
Dated <u>18-7-</u>	<u>1865.</u>

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
18th July 1865.*

Read the following letters :—

No. 461. From Lieutenant-Colonel F. J. MOBERLY, R. E., Superintending Engineer, 8th Division, to Colonel C. A. ORR, R. E., Secretary to Government, Public Works Department, dated Madura, 24th June 1865, No. 432.

SIR,

G. O. Nos. 2,437 and 3,142, dated 24th August and 1st November 1864.

Enclosures 3.

2 Abstract estimates.

1 Letter No. 8, dated 18th May 1865.

1. Referring to G. O. numbers and dates as per margin, I have the honor to enclose two estimates, viz. :—

One for deepening Paumbem Channel from 12 feet to 14 feet depth at low-water, Rupees 33,760.

One for maintaining do. do. at a depth of 14 feet at low-water, Rupees 7,00.

2. A report on the subject by the Superintendent of Operations at Paumbem is also sent.

No. 462. From Lieutenant-Colonel F. J. MOBERLY, R. E., Superintending Engineer, 8th Division, to Colonel C. A. ORR, R. E., Secretary to Government, Public Works Department, dated Madura, 24th June 1865, No. 429.

SIR,

G. O. Nos. 650, 907, and 90, dated 4th March, 1st April and 25th October 1864.

Enclosures 2.

1 Abstract estimate.

1 Letter No. 14, dated 3rd June 1865.

Referring to G. O. numbers and dates as per margin, I have the honor to submit an estimate of Rupees 1,450, for converting four mud boats into two hand dredges at Paumbem in the District of Madura, together with a report on

the subject by the Superintendent of Operations at Paumbem.

No. 463. ORDER THEREON, 18th July 1865, No. 2,058.

CIVIL WORKS, No. 61.

1. The estimates submitted with the first of the foregoing letters, showing the probable cost of deepening the Paumbem Channel to 14 feet at low-water, and of maintaining it at that depth, were called for so long ago as the 6th November 1862, in G. O. No. 2,668, after a personal inspection of the works at Paumbem by the Honorable the President, the result of which inspection was recorded in a Minute, dated the 17th October 1862.

2. The estimate now before Government for deepening the Channel is the third which has been submitted in compliance with the Order above quoted. The first amounted to Rupees 68,000, and was returned, * having been prepared without due regard to economy. The second

* G. O. No. 417, 17th February 1863.
estimate, amounting to Rupees 36,000, was also returned for revision, with reference to the substitution of manual for steam power in dredging out the Channel, which substitution, on the strong recommendation of the Superintending Engineer, was adopted under the peculiar circumstances of the case.

3. The estimate now submitted for deepening the Channel amounts to Rupees 33,760, and that for the annual maintenance charges to Rupees 7,000.

4. The Government regret that they are again obliged to remark upon the very unsatisfactory manner in which these estimates have been laid before them by the Superintending Engineer. He has not furnished the slightest expression of his own opinion as to their suitability or sufficiency, but has contented himself with passing on Lieutenant Coningham's report without any remark. Colonel Moberly must remember that in the responsible position which he holds, the Government

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18th July 1865.*

are necessarily dependent, to a great extent, upon his opinion and advice; and that they expect, especially in the case of important works, that all proposals involving expenditure should be thoroughly and carefully weighed by him, and should be laid before them with a full and clear statement of the grounds upon which his recommendations are based.

5. There are portions of Lieutenant Coningham's report, now before Government, which especially demand explanation. In paragraph 10 he states that the

† G. O. No. 2,126, 5th September 1862.

the cost of removing 14 feet. This is barely a year after the Superintending Engineer had laid before the Government a

‡ Vide G. O. No. 2,442, 24th August 1864.

6. It is also observed that Lieutenant Coningham has treated the work in the Reef Channel as consisting of rock to the extent of only one-sixth of the excavation, whereas in the previous estimates the whole was assumed to be solid rock.

7. Upon these and other points, full explanation and a clear expression of his opinion will be furnished by the Superintending Engineer, to whom the papers will be returned for the purpose. The delay will not interfere with the progress of the work, as under no circumstances is it likely that any allotment of funds could be

§ Rupees 3,500. Vide G. O. No. 1975 July 12th 1865. small balance which remains from the original Budget grant.

8. With the second of the papers recorded at the head of these Proceedings is submitted an estimate for converting four mud boats at Paumbem into two hand dredges. This estimate, amounting to Rupees 1,450, is now sanctioned; but the Government again desire Colonel Moberly's attention to be called to the unsatisfactory manner in which this also has been laid before them, and to the entire absence of any recommendation, or even expression of opinion, from him upon the subject. The cost of the work is chargeable to the allotment for "Tools and Plant," but as no provision is made under that head in Part V. of the Budget for the Madura District, the Superintending Engineer will report from what source the requisite funds can be provided.

(True Extract.)

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

To the Superintending Engineer, 8th Division, with four Enclosures.

„ Accountant General.

„ Controller of Public Works Accounts.

Exd. S. T. Augustin.

*Abstract Estimate No. 48 of 1865/66
Madura District
Paumbem*

Work. Converting 4 Mud Boats into two Hand Dredges.

Quantities	Description of Work	Rate	Amount	Amount of each part
<u>Labourers</u>				
110	Caulkers	at 8	55	
15	Carpenters	at 8	7	8
28	Coolies	at 4	7	69 8
<u>Materials</u>				
15	Solams Hammer	at 1 12	26	4
30	Measures Lamp Oil	at 12	22	8
1/2	Solam Cotton	at 5	2	8
3	Solams Pakum	at 2 8	7	8
10	Measures Coal tar	at 12	7	8
10	Solams Coconut husk	at 8	5	
	Fire wood	at 3	3	
20	Mud Ribs	at 2 8	50	124 4
	Nails and Sundries			16 4
	Total Repair to One Boat			210
	Repair to 4 Boats			840
<u>Converting 4 Boats into 2 Dredges</u>				
380	Coft wood Sawing up and fixing	at 8	190	
50	do Purchasing & cutting up	at 3 8	175	
825	Softwood plank per 100 sq ft	at 1	8	4
847	do Sawing up & fixing	at 1 12	14	13
61	do Purchasing & fixing	at 17 8	10	11
	Sundry wood work		20	
2	Barrels for	at 36	72	
	Carried forward		490 12	840

Supr. Engineer office 8th Division

	Brought forward				490	12	340
30	Smiths fixing Machinery—at	8		15			
500	Spike Nails per 100—at	4		20			
2000	Nails per 100—at	1	8	30			
	Sundries at 10 percent						54 4

Total Estimate Rubes.	1450.	.
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1. Signed W. C. Cunningham Lieut. R. E.

Sup^t of Oper^s. Prunbren

J. M. H. Lieut^t Colonel R. B.
Superintending Engineer S^t D^y

Camden 3^d June 1865-

77/2358/65

N^o 40. of 1865/66

Abstract Estimate for
Converting 4. Mud Boats
into two Hand Dredges
at Cumben. Rs 1450.

N^o 429. Sup^g Engineer's Office 8th D^o
Madura 24th June 1865.
From, Lieut Colonel C. J. Moberly R.E.
Superintending Engineer 8th D^o
To, Colonel C. A. Orr. R.E.
Secretary to Government
M. S.

Referring to G.O. Nos. and dates
G.O. No. 650 as per margin, I have the honor to submit
907 & 90 dated 4th March. an Estimate of Rs 1450 for converting
1st April & 25th Oct 1864. 4 Mud Boats into two Hand Dredges
at Cumben in the District of Madura,
Enclosed together with a report on the subject by the
1st Lieut. Col. together with a report on the subject by the
1st Lieut. Col. dated 3rd June/65. Superintendent of Operations at Cumben.

I have the honor to
Yours faithfully
C. J. Moberly Lieut Col R.E.
Superintending Engineer 8th D^o

Brought forward 490

Recd 1/2 Munk/bu St 89-90
 c 1st April 31-32
 mo - 25. Oct 90.

No 429
 1865 Drafts
 Paid for July
 2058.
 The Capt Engineer
 8th Div

To
 The Secy to Govt

Dated 24th June 1865
 No 28
 22.

Forwards an estimate
 of Rs. 1450 for converting 4
 Mud boats into 2 Sand
 dredges at Paumben.

No 462

c. 10th July 1865 Or 13th

c. 2058-18th July 1865

No 432

Supr Engineer office 8th Division
 Madras 24th June 1865

From
 Lieut Colonel F. J. Moberly R. E.
 Superintending Engineer 8th Div

To,
 Colonel C. A. Orr R. E.
 Secretary to Government D. P. M.

Sir,
 Referring to G. O. No 4 dated 24th August and 1st November 1864 per margin, I have the honor to enclose two Estimates, Viz,

G. O. No 2437 &
 3142 dated 24th
 August and 1st
 November 1864.

- Enclosures 3. 1 for deepening Paumben Channel from 12 feet to 14 feet depth at low water Rs. 33760.
- 2 Abstract Estimate.
- 1 letter No 8 dated 18th May 1865. 1 for Maintaining do. do. at a depth of 14 feet at low water Rs. 7000.
- 2. A report on the subject by the Superintendent of Operations at Paumben is also sent.

Have &c
 F. Moberly Lieut Col R. E.
 Superintending Engineer 8th Div

Civil Works Public Works Dept

2058

Proceedings of the Madras Government

Under date the 18th July 1865

Read the following

From the Superintendent Ins^t 8th Divⁿ

Forwards Estimates for deepening and maintaining the (Here enter 24. June 1865 No. 432)
Saumber Channel.

From — D. — D. 8. D.

Forwards an Estimate
of Rupees 1,450 for converting
4 small boats into 2 Hand
dredges at Durumben.

The estimates sub-
mitted with the first
of the foregoing letters,
showing the probable
cost of deepening the
Pannern channel to
14 feet at low water, and
of maintaining it at
that depth, were called
for so long ago as the
6th November 1862, in
G. O. No 2668, after

work

Box 24 Aug 164 off eggs
" 1st Nov 84-85

*Ms. A.9.2.6 v.7
P. 104
Aug 14.32*

and Sir, I am
Yours &c

of the Society to Government

2000

Received 28th June 1865

22

of ornaments & ornaments
for deepening, said.
maintaining the
various channels

1946

c. 10 July 1864 On 13th

2058-18th Dec 165

a personal inspection of
the work at Pamban
by the Honorable the
President, the result of
which inspection was re-
corded in a Minute

Dated the 17th October 1862

2. The estimate now
before Govt for deepening
the Channel is the third
which has been submitted in
compliance with the order
above quoted. The first
amounted to Rupees 68,000,
and was returned, having
been prepared without
due regard to economy.

The second estimate, amounting
to Rupees 36,000, was
also returned for revision

G. O. 417. 17th Feb,
1863.

with reference to the sub-
stitution of manual for
steam power in dredging
out the Channel, which
substitution, on the strong
recommendation of the
Superintending Engineer,
was adopted under the
peculiar circumstances
of the case.

The estimate now
submitted for deepening
the Channel amounts to
Rupees 33,760, and that
for the annual main-
tenance charges to
Rupees 7,000 -

The Govt regret
that they are again obliged
to remark upon the
very unsatisfactory
manner in which these

a Estimates have been
laid before them by the
Superintending Engineer.
He has not furnished
~~to them~~ with the slightest
expression of his own
opinion as to their suit-
ability or sufficiency,
~~the estimates~~ but has
contented himself with
passing on Lieutenant
Coringham's report with-
out any remark. Col-
lins must remember
that in the responsible
position which he holds
the Government are ne-
cessarily dependent, to
a great extent, upon
his opinion and advice;
and

and that they expect,
especially in the case
of important works,
that all proposals in-
volving expenditure should
be thoroughly and care-
fully weighed by him,
and should be laid before
them with a full and
clear statement of the
grounds upon which his
recommendations are
based.

There are portions of
Lieutenant Corningham's
report, now before us,
which especially demand
explanation. In para 10
he states that the estimate
of Rupees 43,340, already
sanctioned for the removal
of

+ J. O 2126
5th Sept/62.

of 12 feet of the inner
angle of the Reef Chan-
nel, will cover the cost
of removing 14 feet. This
is, barely a year, after
the Superintendent Engineer
had laid before the ^{Govt} a
supplemental Estimate
of Rupees 19,460 for the
former work alone -

Vide J. O. 2442.
24th Aug/64

It is also observed
that Lieutenant Cunningham
has treated the work
in the Reef Channel
as consisting of rock
to the extent of only one
sixth of the ~~area~~ ^{area}
-vation, whereas in the pre-
vious estimates the whole
was assumed to be solid rock -

Upon these and
other points, full ex-
planation and a clear
expression of his opinion
will be furnished by
the Superintending Engineer,
to whom the papers will
be returned for the pur-
pose. The delay will
not interfere with the
progress of the work, as
under no circumstances
is it likely that any
allotment of funds
could be made during the
current year, beyond
the small balance
which remains from
the original Budget
grant

* Rs 3,500 -

Vide J. O. No. 1975 July 12th
1865.

With the second of
the papers recorded at the
head of these Proceedings
is submitted an Estimate
for converting four mud
boats at Pannam
into live-hand cheddes.
This Estimate, amount-
ing to Rupees 1450, is
now sanctioned; but the
Government again desire
Colonel Moberly's atten-
tion to be called to the
unsatisfactory man-
ner in which this also
has been laid before
them, and to the entire
absence of any recommendation,
or

or even expression of
opinion, from him upon
the subject. The cost
of the work is charge-
able to the allotment for
"Tools and Plant", but as
no provision is made un-
der that head in Part V
of the Budget for the
Madras District, the Super-
intending Engineer will report
from what source the re-
quisite funds can be
provided.

670
6. The S. Eng. 8/5" with four inches
3. " Accountant Genl
4. " Controller of
Accounts
23
Sept 19th July

31-7-65 ✓

20th 1865 Dept
Memo of Govt for duty
10/1

No 2058
Memo of the M. Govt
Df 18 July 65

10/13

Auctioning an estimate
amounting to Rs 450 for the
conversion of four mud boats
into two hand dredges at
Pambem Diar and the
Superintending Engineer &c
directed to furnish certain in-
formation relative to the ex-
penditure for deepening & main-
taining the Pambem Channel.

No 461 @ 460