

(1) Number of pages _____

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(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No.	816	Press
		Mis.
Dated	17-3-	18 64.

Not to be folded or roughly handled

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*Proceedings of the Madras Government, Public Works Department,
17th March 1864.*

No. 418. Read the following letter from Lieutenant-Colonel O. W. S. CHAMBERS, R. E.,
Superintending Engineer, 1st Division, to Colonel C. A. ORR, R. E., Secretary to
Government, Public Works Department, dated Waltair, 22nd February 1864, No. 2,230 :—

SIR,

No. 2,097 of 19th January 1864.

1. In continuation of my letter as per margin, I do myself
the honor of submitting a revised Estimate for constructing Locks
and Calingulahs in the Mundapetta Canal, amounting to 41,960 Rupees, in lieu of the one at
present sanctioned, which amounts to 29,560 or 12,400 Rupees less than the one now forwarded.

2. The original Estimate for these works, amounting to 24,900 Rupees, was submitted in
1858: it was afterwards revised with reference to its rates and
sanctioned* in 1862; its amount being Rupees 28,650, an addi-
tional sum of 910 Rupees was added for wells by the late Deputy
Chief Engineer in 1863, making a total of 29,560 Rupees sanc-
tioned.

* G. O. No. 453 of 17th March 1862.

Memorandum No. 699 of 7th March
1863.

3. The sum of 16,817 Rupees has been expended on these works up to the 1st instant, and
Government has lately allotted a further sum of 10,000 Rupees in addition to Rupees 7,066,
granted in the Budget of the present year for their execution.

4. The anticipated excess, Rupees 12,400, which is the amount now requiring sanction,
is due according to Major Stoddard to increase of rates since 1861, to more earthwork being
required than was originally estimated for, and to great difficulty in getting down the founda-
tions of the Thapaswarum Lock on account of springs baffling ordinary means of baling.

5. Rates have undoubtedly risen of late at the Godavery, and with the exodus of trained
workmen to the Cuttack District and the toll imposed upon carriage, the rates must rise still
higher.

6. The reason of more earthwork being required than was originally provided for, is that
the raising of the Anicut two feet has necessitated the raising of the banks of the Canal above
Thapaswarum Lock: for this 60,830 cubic yards of earth over and above the amount of earth-
work in the first Estimate must be excavated at a cost of nearly 4,000 Rupees.

7. Another excess of quantity in the amount of excavation is due to the omission in the
first Estimate of ring channels to the two calingulahs, these have now been provided for at an
estimated cost of 1,200 Rupees.

8. The third item, a provision for meeting with uncommon difficulty in sinking foundations,
is one which cannot well be made until these difficulties have become quite evident.

9. I recommend for the sanction of Government this Supplemental Estimate.

No. 419. ORDER THEREON, 17th March 1864, No. 816.

1. The Governor in Council has no alternative but to sanction the revised Estimate of
Rupees 41,960 for Locks and Calingulahs in the Mundapetta Canal, in supersession of the Esti-
mate of Rupees 28,650 sanctioned in Proceedings No. 453, dated 17th March 1862.

2. His Excellency has noticed with much dissatisfaction the frequent submission of supple-
mental Estimates for works in the Godavery District, and he believes that in many cases this is
clearly indicative of the inconsiderate manner in which the first Estimates were prepared. Colonel
Chambers will be requested to notify to the members of the Department Public Works in that
District, that the Government will in future be constrained to withhold its sanction to any sup-
plemental applications unless the necessity for them is clearly not traceable to the indifference or
neglect of the party who prepared the original Estimates, and it will also remove from his appoint-
ment the Officer who from carelessness or inattention has afforded incorrect information.

3. In the present Estimate there is clear evidence of negligence on the part of Major
Stoddard, after making every allowance for extra work to the extent of Rupees 4,000 for exca-
vation caused by raising the Anicut. The ring channels to the calingulahs and the extra

*Proceedings of the Madras Government, Public Works Department,
17th March 1864*

pumping ought to have been provided for; at all events the probability of springs occurring should have been foreseen. In fact, the Estimate of 1861 was prepared with slovenliness, and Major Stoddard should be informed that the Government is dissatisfied with his conduct and will not fail to visit it severely, should a similar instance come under its notice.

(True Extract.)

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

To the Superintending Engineer, 1st Division.

„ Controller and Auditor of Public Works Accounts,

„ Accountant General.

Exd. S. T. Augustin.

3c

Superintending Engineer
Office, 1st Division, Calcutta.
No. 2230 22nd February 1864.

From Lieut. Col. Chambers R. E.
Superintending Engineer
To Colonel C. A. Orr R. E.
Secretary to Government

Encl. 1.

Madras.

Sir,

No. 2097 of
19th January
1864.

In continuation of my letter
refer margin. I do myself the honor
of submitting a revised Estimate for
constructing locks and Culigulaks in
the Mandapella Canal amounting to
41,960 Rs in lieu of the one at present
sanctioned which amounts to 29,560, or
12,400 Rs less than the one now for-
warded.

2. The Original Estimate for
these works amounting to 24,900 Rs was
submitted in 1858: it was afterwards
revised.

revised, with reference to its rates
and sanctioned in 1862; its amount
being ^{Rs} 28,650: an additional sum of
910 ^{Rs} was added for wells by the
late Deputy Chief Engineer in 1863,
making a total of 29,560 ^{Rs} sanctioned.

* J. R. M. 455.
14 17th Dec. 1862

Memos No. 699.
of 7th March.

3. The sum of 15,817 ^{Rs} has been
expended on these works up to the
1st Instant and Government has
lately allotted a further sum of
10,000 ^{Rs} in addition to 7,066 ^{Rs} granted
in the Budget of the present year
for their execution.

4. The anticipated excess of ^{Rs} 12,400,
which is the amount now requiring
sanction, is due according to Major
Stoddard to increase of rates since
1861, to more earthwork being required
than was originally estimated for, and
to great difficulty in getting down
the foundations of the Thapaswarum
lock on account of springs bubbling
ordinary

ordinary means of baling.

5. Rates have undoubtedly risen
of late at the Lockery and with the
access of trained workmen to the
Cuttack District and the toll im-
posed upon Carriage; the rates must
rise still higher.

6. The reason of more earthwork
being required than was originally pro-
vided for, is that the raising of the
Ancient two feet has necessitated
the raising of the banks of the Canal
above Thapaswarum lock: for this
60,830 Cubic yards of earth over and
above the amount of earthwork in
the first Estimate must be excava-
ted at a cost of nearly 4,000 Rupees.

7. Another excess of quantity
in the amount of excavation is due
to the omission in the first Estimate
of raising Channels to the two Calingulaks,
these have now been provided for
at

at an estimated cost of 1200 Rs.

8. The third item, a provision for meeting with uncommon difficulty in sinking foundations, is one which cannot well be made until these difficulties have become quite evident.

9. I recommend for the sanction of Government this supplemental Estimate.

I have the honor to be,

Sir,

Your most obedient Servant,

Rb Chambers Esq. M.A.

Superintending Engineer 1st Div.

Rb

e. 7th March 1882

Quantity	Particulars of work.	Price per amount Total.
<u>Lock at Thapasswarum</u>		
C. 7 ⁸ 364-23½	Rough stone in chunam — per C. 7 ⁸	3 8 . 1277 . 8
38-22	best stone in " ————— "	12 . . 465 12 5
27-24	lime and silk stone ————— "	14 . . 390 7 1
367-7	Loose stone work ————— "	2 . . 735 8 10
	Gates —————	— — 1500 . .
	Baling —————	— — 500 . .
4	Wells 4½ ft. inside diameter — ea	17 8 . 70 . .
45	" 3½ ft. — " —————	15 . . 675 . .
	Excavating foundations —————	— — 400 . .
		6013 13 "
	Contingencies Extra Establishment &c — — —	606 3 . 6620 . .
<u>Balingkulahat Thapasswarum</u>		
C. 7 ⁸ 360-15½	Rough stone in chunam — per C. 7 ⁸	3 8 . 1262 . 4
35-20	best stone in chunam ————— "	12 . . 228 14 2
128-24	Rough stone —————	2 . . 257 3 5
32	Wells 4½ ft. inside diameter — ea	17 5 . 560 . .
	1 Cast iron post —————	— — 35 . .
	Baling —————	— — 600 . .
18	Teak wood bridge — per Sq. ft.	9 8 . 171 . .
	Excavating foundation & filling in ———	— — 250 . .
	Teak wood shutters —————	— — 50 . .
C. 7 ⁸ 10971½	Ring channel ————— per C. 7 ⁸	— — 10 100 . .
	Carried forward to —————	4214 10 11 6820 . .

Brought forward Rs 4214 10 11 6620
 Contingencies, Extra Establishment &c - - - 425 5 1 4640

C. 79 Lock at Papsalapooddy
 364-23 1/2 Rough stone in chumam - per C. 79 3 12 . 1368 4 2
 38-22 Cut stone work - - - 12 4 . 475 7 8
 27-26 Quoin and sill stones - - - 14 4 . 397 6 8
 367-79 Packed stone work - - - 2 4 . 827 8 .
 Gates - - - 1800 . .
 Baling - - - 500 . .
 Excavating foundation and filling in - - - 400 . .
 Extra Establishment and sundries - - - 5768 10 6
 571 5 6 6340

C. 79 Calingulak at Papsalapooddy
 328-1 5/8 Rough stone in chumam - per C. 79 3 12 . 1230 3 7
 28-17 Cut stone - - - 12 4 . 350 11 5
 111-3 Rough stone work - - - 2 4 . 250 . .
 1 Cast iron Post - - - 35 . .
 Baling - - - 500 . .
 Excavating foundation and filling in - - - 400 . .
 13 Rq. ft. Teak wood Bridge - per Rq. ft. 9 8 . 123 8 .
 Teak wood shutters - - - 30 . .
 C. 79 Ring channel - per C. 79 1 . 600 . .
 Extra Establishment and sundries - - - 3579 7 .
 350 9 . 3870

C. 79 Culvert near Papsalapooddy
 311-18 1/2 Rough stone in chumam - per C. 79 3 12 . 1168 13 1
 80 Brick in chumam - - - 5 . . 400 . .
 27-15 Rough stone work - - - 2 4 . 62 . .
 Baling - - - 500 . .
 Excavating foundation and filling in - - - 250 . .
 Contingencies - - - 50 . .
 Extra Establishment & sundries - - - 2430 13 1
 Carried over Rs 239 2 11 2670 .
 24140

Brought over Rs - - - 24140 . .

C. 79 Earthwork
 146300 Excavating Canal and Embanking - per C. 79 . 10 1/2 8000 12 6
 143490 - - - - - 1 - 8968 2 .
 16768 14 6

Contingencies &c - - - 851 1 6 17820 . .
 4960 . .

Deduct amount already sanctioned - - - 39560 . .

Requiring sanction - - - 12400 . .

Executive Engineer's office G. 79
 Howlainsuram
 19 January 1864
 H. S. S. Major
 Executive Engineer G. 79

N. B. Amount of original Estimate
 sanctioned in G. O. dated 17 March 62 - - - 29680 . .
 " sanctioned by the late Deputy
 Chief Engineer - - - 910 . .
 29560 . .

Ob. Chaudhary A. G. S. E.
 Assistant Engineer G. 79

Supdt. of Works
 1864

No 816

Proceedings of the Madras Government
under date the 17th March 1864

Read the following letter

From the Sup^r Engineer & Co
submits a revised Estimate
for constructing locks and
Calingulaks in the Mundapette
Canal amounting to Rs. 41,960 Rupees
in lieu of the one at present
sanctioned which amounts to
29,500 or 12,400 Rupees less than
the one now forwarded.

(Here enter 22nd February 1864
No 2230)

The Governor in Council
has no alternative but to sanction
the revised Estimate of Rs. 41,960
for locks & Calingulaks in the
Mundapette Canal, in pursuance
of the order of Rs. 28,650 sanctioned
on the 15th of March
1862.

His Excellency has noticed
with much dissatisfaction the
frequent submission of dupli-
cated Estimates for works in
the Godavery District, & he
believes that in many cases this
is clearly indicative of the
inconsiderate
manner in which
the first Estimates were prepared.
Col. Chambers will be requested

be inserted in the
the Estimate must be
app^r of course
M

off

received 15th 1864
dated 19th February 1864
from the Executive
Engineer Godavery D.
to the Superintending
Engineer, Division
No 77910/64

Work Constructing
Locks & Calingulaks
in the Mundapette
Canal. Amounting
to Rs. 41,960-0-0

to notify to the members of
the D.W. in that District that
the Govt will in future be
constrained to withhold its sanction
to any Suppl. applications
the necessity for them is clearly
not traceable to the indifference
or neglect of the party who

prepared the original Estimates,
and it will also remove from his appoint-
ment the Officer who from carelessness or
inattention has afforded incorrect information.
In the present Estimate there

is clear evidence of
negligence on the part
of Major Stoddard,
after making every
allowance for extra work he the estimate
of Rs 4000 for excavations caused by raising
the ancient. The ring channels to the Cal-
culahs & the extra pumping ought to
have been provided for; at all events the
probability of spring occurring should
have been foreseen. In fact the list of
1881 was ~~prepared~~ ^{with carelessness} prepared & Major Stoddard
should be informed that the Govt is
dissatisfied with his conduct & will
visit it severely should a similar in-
stance come under its notice.

W.D.

the Govt will also penalise
the officer who from care-
lessness or inattention has
afforded the Govt such in-
correct information.

When I say "penalise" I mean
that the officer should be
removed from an appointment
- must the duties of which
he either cannot or will
not perform.

in the present estimate
I must say that in my
opinion there is evidence of
carelessness & negligence on
the part of Major Stoddard
after making every allowance
for extra work to the extent
of Rs 4000 for excavation
caused by raising the
ancient. There is a surplus
of Rs 4000 which is explained
by the old story of use of
cheap labour. This should
have been foreseen, it is now
a contingency which must
be anticipated. The extra
dredging ought to have
been contemplated at all
events. The probability
of such a state of things
as springs should have
been contemplated.

The ring channels to the
Calculahs should have
been foreseen & provided
for. In fact the estimate
has been slovenly prepared
& Major Stoddard should
be told this - & that the
Govt is dissatisfied
with his conduct and
will visit it severely
should a similar
instance come under
its notice.

W.D.

The Deputy Magr. D.D.
Cant. & and for facts
D.D. 15th March 1881

P^d M 1864 Sep 14
Pro: of Bonds for church
No 816

(6)
Pro: of Mr & Mrs
Sept 17th March 1864
No 816

Received of
\$41,960 for Loans
Collegiate in the
Cath. & detached.

C 18418.419

16 17th 02