

(1) Number of pages _____

(2) Date of receipt _____

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MADRAS RECORD OFFICE.

Government of Madras.

Public Works, DEPARTMENT.

G.O. No.	1517.	Press
		~~Mis.~~
	280-282.	
Dated	12.6.	1863.

Not to be folded or roughly handled

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*Proceedings of the Madras Government, Public Works Department,
12th June 1863.*

Read again letter from the Deputy Chief Engineer, Northern Circle, dated 23rd February No. 562, and recorded in Proceedings of Government dated 8th May 1863, No. 1,172:—

No. 280. Read also the following letter from Captain O. W. S. CHAMBERS, R. E., Superintending Engineer 1st Division, to Colonel W. I. BIRDWOOD, R. E., Secretary to Government, Public Works Department, dated Waltair, 21st May 1863, No. 57.

SIR,

1. With reference to the Order of Government, No. 1,172 of 8th May 1863, I beg to forward for the information of Government, an original letter from Major Stoddard, Acting District Engineer Godavery, to which is attached a Statement showing the number of tons of stone that have been used at the Anicut of late years.

2. The cost of bamboos at the Godavery is comparatively so trivial, that it appears to me needless to wait for another return from Major Stoddard showing their number. He puts down 350 Rupees a year as the expenditure on this head, which at the usual rates of from 10 to 15 Rupees a thousand would give some thirty thousand bamboos as the number annually expended.

3. As to the main question itself, I would urge upon Government the impolicy of not making a large insurance upon a work which has so much at stake on its safety as the Godavery Anicut.

4. Twelve thousand tons stored on each of the main banks, and the same quantity on each of the three Lunkás, giving a total of sixty thousand tons of stone, are in my opinion, any thing but an extravagant allowance for a possible misfortune.

5. Putting the cost of this stone at 1 Rupee a ton, an immediate outlay of 60,000 Rupees would be needed; this at 5 per cent. represents an annual payment of 3,000 Rupees, and I hardly need comment upon the proportion this charge bears to the value of the rice crop of the District which is said to approach to two Millions Sterling.

6. It should not be forgotten that another breach in the Anicut is perfectly possible; we have an instance last year of a hydraulic work in England failing, a work which had stood eighteen years, and which was built by Mr. Walker, perhaps the most eminent hydraulic Engineer of his generation; this work fell, and thousands of acres of land were submerged, and so may the Anicut breach and, unless immediately closed again, hundreds of thousands of acres of paddy may wither and be utterly lost, and one million people may starve.

7. I beg that Government may give that consideration to Major Stoddard's letter which the subject deserves.

No. 281. From Captain O. W. S. CHAMBERS, R. E., Superintending Engineer 1st Division, to Colonel W. I. BIRDWOOD, R. E., Secretary to Government, Department Public Works, dated Waltair, 27th May 1863, No. 94.

SIR,

In continuation of my letter as per margin, I have the honor of forwarding copy of a letter from Major Stoddard, by which it would appear that the information called for by Government in their Telegram of the 2nd of March had been supplied by the Acting District Engineer in his letters of the 5th and 25th March respectively, Nos. 1,312 and 1,378.

No. 282. ORDER THEREON, 12th June 1863, No. 1,517.

1. In reference to the question of having in readiness a supply of material in the neighbourhood of the Godavery Anicut for use in the event of the occurrence of accidents to that work, the Government in their Proceedings dated 23rd January 1863, No. 197, requested to be furnished with an Estimate of present requirements, as they did not think it advisable to be now guided by the one framed by Sir Arthur Cotton some years ago.

2. The Deputy Chief Engineer, in reply to the above requisition 23rd February 1863, No. 562, submits a letter from the District Engineer in which that Officer explains the necessity of having in store at least 60,000 tons of rough stone and 1,00,000 bamboos,

*Proceedings of the Madras Government, Public Works Department,
12th June 1863.*

and as 21,750 of the former and 42,826 of the latter have already been collected, sanction is requested for collecting the remaining quantity, as follows:—

35,250 Tons of rough stone.
57,174 Bamboos.

3. The District Engineer does not expect that the quantity of rough stone above specified could be collected under three years, or at the rate of 12,000 tons per annum. The average quantity used during the past three years has been 22,066 tons. No information is given of the quantity of bamboos used during the same period.

4. It thus appears that the quantity of rough stone already stored is in excess of the average quantity used since 1860-61; but as it is desirable to provide against such disasters as befel the Anicut in 1857, the Government resolve, under the strong representation of the Superintending Engineer, to grant authority for the collection of an additional 12,000 tons of stone in 1863-64, which at 13 Annas a ton (this rate being a fraction in excess of what the actual cost of the quantity already stored has been) will amount to Rupees 9,750. If to this sum Rupees 350, the proposed expenditure on bamboos, be added, the total estimated outlay on material to be kept in hand and not used except in cases of emergency, will be Rupees 10,100, which sum the Government authorize being granted from the Reserve.

5. The question of the construction of additional boats will come under the consideration of the Superintending Engineer when giving his attention to the Orders of Government dated 27th May 1863, No. 1,345.

6. The Superintending Engineer 1st Division is requested after the close of the present official year to report the manner in which the grant now made has been appropriated, and the quantity of material used during the year.

(Signed) W. I. BIRDWOOD, Colonel, R. E.,
Secretary to Government.

No 57

From,

Superintending Engineer's Office
1st Division
Mettur, 21st May 1863.

Captain O. Chambers R.E.
Superintending Engineer 1st Div.
Bapatnam.

Agricultural

The Secretary to Government
Public Works Department
Madras.

Sir,

Recd. 2.
Letter No 32 of
9 May 1863.
1 Statement.

With reference to the order of Government, No 1172 of 8th May 1863, I beg to forward, for the information of Government, an original letter from Major Stoddard, Ag. District Engineer Godavry, to which is attached a statement shewing the number of tons of Stone that have been used at the Anicut of late years.

2 The cost of bamboos at the Godavry is comparatively so trivial, that it appears to me needless to wait for another return from Major Stoddard shewing their number. He puts down 350 Rupees a year as the expenditure on this head, which at the usual rate of from 10 to 15 Rs a thousand would give some 30,000 bamboos as the number annually expended.

3 As to the main question itself, I would urge upon Government the impropriety of

of not making a large insurance upon
a work which has so much at stake
on its safety as the Godavary Anicut.

4 Twelve thousand tons stored on
each of the main Banks, and the same
quantity on each of the three Link's, giving
a total of sixty thousand tons of stone
are in my opinion, any thing but an
extravagant allowance for a possible
misfortune.

5 Putting the cost of this stone
at 1 Rupee a ton an immediate outlay
of 60,000 Rs. would be needed; this,
at 5 per cent, represents an annual
payment of 3,000 Rs, and I hardly
need comment upon the proportion
this charge bears to the value of the
rice crop of the District which is
said to approach to 2 millions
Sterling.

6 It should not be forgotten
that another breach in the Anicut
is perfectly possible; we have an instance
last year of a hydraulic work in
England failing, a work which had stood
eighteen years, and which was built
by Mr. Walker, perhaps the most
eminent hydraulic Engineer of his
generation; this work fell, and
thousands of acres of land were
submerged, and so may the

Anicut

16/
Anicut break and, unless immedi-
ately closed again, hundreds of thou-
sands of acres of paddy may wither
and be utterly lost, and one million people
may starve.

7 I beg that Government may
give that consideration to Major Stod-
dards' letter which the subject de-
serves. —

I have the honor to be
Sir,

Your Obedient servant

Ch. Chambers Esq. M.P.
Superintending Engineer / N.W.
Godavari.

Dr.

2. I am at a loss to know how the Secretary & Government can say that the information called for in his Telegram of the 2nd March, has not been yet received, when in his letter no 6603 to Colonel Ludlow dated 20th April, he acknowledges the receipt of my letters nos 1312 and 1370 dated 5th and 25th March respectively.

D/ J. Stoddard Map
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Al. Chambers Sept. 1883
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Discipline

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The Dictator to Govt

P. 11. 20

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Dec 28. 1872. 3 May 10

Received of J. S. Jones
\$15.12 " June 57

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I received an Express from
 Lethe with a statement from
 Her Excellency Governor Downey in
 reference to the Government
 of the 21st of 8th May 1863
 showing the 1st of said 21st
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 is in receipt of late orders &c &c
 in regard to the 1st of said 21st
 and that the late order is the
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e. b. yu. / 6302.85

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1st Divn. Insp. Engrs Office
Waltain 27th May 1863. 19

From

Captain O. W. S. Chambers R.E.
Superintendent Engineer R. M.
to Colonel W. B. Birchall R.E.
Secretary to Govt. S. P. M.

Dr.

N. 57 of 21
May 1863

In continuation of my letter as per margin, I have the honor of forwarding copy of a letter from Major Stoddard, by which it would appear that the information called for by Government in their telegram of the 2nd of March had been supplied by the District Engineer in his letters of the 5th and 25th March respectively, Nos 1312 and 1378.

Have the honor to be
Sir,

Your most devoted

Ob. Chambers Apr 22
Superty Engr. r. Div 10

28971694/68.

Dear Sir,
 I have the pleasure to
 inform you that the
 Committee of the
 Board of Directors
 has decided to
 increase the
 salary of the
 President of the
 Company to
 \$10,000 per
 annum.
 Very respectfully,
 J. H. Smith

10

N^o 1517/1519

Proceedings of the Madras Government

Under date the 12th June 1863

Read again letter from the Deputy Chief Engineer dated 23rd February and recorded in Pops of Govt dated 8th May 1863 N^o 1172.
Read also the following

From the Deputy Engineer 1st Division
Towards an Original letter with a statement from the Chief Dist Engineer dated in reference to the Govt Order No 1172 of 8th May 1863 showing the state of affairs of the road at the Godavari and recommending that Major Steel's letter be taken into the consideration of Government.
From the Deputy Engineer 1st Division
Towards the information called for by Govt in their Telegram of 2nd March 1863 enclosing a letter from Major Steel on the subject.

(See entry 21: May 1863 N^o 57)

(See entry 28: Dec 1862 N^o 94)

In reference to the question of having in readiness a supply of materials and labour in the neighbourhood of the Godavari. Ament for use in the event of the occurrence of accidents to that work, the Govt in their P^{ro}. of 23rd January 1863, at 197. requested the Res. furnished with an estimate of present requirements, as they did not think it advisable to be now guided by the one framed by Sir Arthur Cotton some years ago.

The Deputy Chief Engineer in reply to the above requisition submits a letter from the D^{ist} Engr in which that Officer explains the necessity of having in store at least 60000 Double Rough Stone & 100,000 Bamboos, &

W

ff

23rd Feb/63 - 562

2297/1863 22 June

From the Deputy Engineer 1st Division

Towards an Original letter with a statement from the Chief Dist Engineer dated in reference to the Govt Order No 1172 of 8th May 1863 showing the state of affairs of the road at the Godavari and recommending that Major Steel's letter be taken into the consideration of Government.

From the Deputy Engineer 1st Division

Towards the information called for by Govt in their Telegram of 2nd March 1863 enclosing a letter from Major Steel on the subject.

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Towards an Original letter with a statement from the Chief Dist Engineer dated in reference to the Govt Order No 1172 of 8th May 1863 showing the state of affairs of the road at the Godavari and recommending that Major Steel's letter be taken into the consideration of Government.

From the Deputy Engineer 1st Division

Towards the information called for by Govt in their Telegram of 2nd March 1863 enclosing a letter from Major Steel on the subject.

From the Deputy Engineer 1st Division

From the Deputy Engineer 1st Division

2297/1863 22 June

N^o 287

as 24,750 of the former & 12,826
of the latter have already
been collected, sanction is request-
ed for collecting the remaining
quantity, as follows:-

35,200 Tons of Rough Stone
57,174 Bamboos

The District Engineer does not expect
that the quantity of rough stone
above specified could be collected
under 3 years, or at the rate
of 12,000 Tons per annum. The
average quantity used during the
past 3 years has been 22,666
Tons. The information is given
of the quantity of Bamboos used
during the same period.

It thus appears that
the quantity of rough stone already
stored is in excess of the average
quantity used since 1865/6, but
as it is desirable to provide against
such disasters as befell the
Anicut in 1857, the Govt. resolve
under the strong representations
of the ~~District~~ Superintending
Engineer, to grant authority
for the collection of an additional
12,000 Tons of Stone in 1865/6,
which at 15 Annas a Ton (this
rate being a fraction in excess
of what the actual cost of
the quantity already stored
has been) will amount to Rs.

to be kept in hand & not used
except in cases of emergency,

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9750. If to this sum of Rs. 500
the proposed expenditure on Rambo
be added, the total estimated
outlay on materials will be
Rs. 10,100 which sum the Govt.
although being granted from
the Reserve.

The question of the
construction of additional boats will come
under the consideration of the
Superintending Engineer when
giving his attention to the
orders of Govt. of 27th May 1865
No 1345.

The Supg. Engineer
1st Division is requested after the
close of the present fiscal year
to report the manner in which
the grant now made has been
appropriated, & the quantity of
material used during the year.

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The Superintending Engineer 1st Div. With 2 Enclos.
" Acct. Genl. Recd^d 13th June
" Cont. & Acct. of 1st Div. Acct.

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