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(2) Date of repair _____

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MADRAS RECORD OFFICE

GOVERNMENT OF MADRAS

DEPARTMENT

G.O. No.
B.P. No.

1833

Press
Mis.

Dated

196

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

28th May 1877, No. 1,833.

Famine Relief.

Read the following paper:—

No. 537. Proceedings of the Board of Revenue, 16th May 1877, No. 2,256.

Read the following letter from W. S. WHITESIDE, Esq., Collector of North Arcot, to H. E. STOKES, Esq., Secretary to the Board of Revenue, dated Chittoor, 1st May 1877, No. 293:—

In their Proceedings, dated 30th March last, No. 1,273, the Government sanctioned Rupees 2,841 for the construction of the Palar embankment at Vellore. The work was accordingly put in hand and was inspected by His Grace the Governor on the occasion of his late visit to Vellore. His Grace was pleased to express an opinion that the embankment should be constructed on a scale that would greatly increase its strength and efficiency as a protection against flood, but which would be more costly than was originally contemplated.

2. Plans and amended estimates were accordingly drawn up by the Vellore Range Officer Mr. Vincent, which reached me three days ago.

3. While they were in course of preparation, the amount originally sanctioned for the embankment was completely expended, and it became necessary to advance funds at once for further expenditure in order to provide labor for the large body of cooly-people who were then dependant for support on that work. I therefore ventured, in anticipation of sanction, to place a further sum of Rupees 2,000 at the disposal of Major Liardet who is in charge of the work, so that it might be pushed on without interruption.

4. I now enclose two estimates, one for the north bank of the Palar and the other for the southern one, both amounting to Rupees 15,487, and sections of the embankment together with copy of Mr. Vincent's letter, dated 28th ultimo, No. 17, for the information of the Board.

5. The importance of the work has been already fully explained by me, and Mr. Vincent has now clearly described in his letter the circumstances which have contributed to increase the estimate to the large sum above named. This additional outlay is absolutely necessary for the full completion of the embankment on both sides of the river in a solid and substantial manner as desired by His Grace the Governor, and the work will provide ample labor to a considerable number of the needy poor who are now about to be thrown out of employment in consequence of the exhaustion of funds.

6. Under these circumstances, I request that you will be good enough to obtain the necessary sanction for the additional allotment of Rupees 15,487, in addition to the already sanctioned amount of Rupees 2,841, and to return the estimates, &c., when no longer required.

7. Soliciting early orders.

ENCLOSURE No. 1.

From C. VINCENT, Esq., Assistant Engineer, Vellore Range, to W. S. WHITESIDE, Esq.,
Collector of North Arcot, dated Vellore, 28th April 1877, No. 17.

In forwarding herewith the estimates, amounting to Rupees 15,487, for embanking the north and south banks of the Palar River, above the bridge near Vellore, I have the honor to offer the following remarks on the subject.

2. A survey of the locality was made in January last, and a rough estimate for the sand-work of the proposed embankment was sent by me to the Acting Sub-Collector, which amounted to a little under Rupees 3,000.

3. The work was actually commenced at the beginning of March, and when I was assisting Major Liardet, who is in charge of the works, to lay out the line of the embankment, I thought it best to alter the line from that laid down in the original plans, which ran along the top of the river bank to a straighter line, which in some places ran through what had, owing to encroachments, become part of the bed of the river though, as a matter of fact, lately forming part of the putta lands on its bank.

4. Numerous curves in the embankment were thus avoided: the river will for the future be confined to its natural bed, and it may be possible to reclaim the above-mentioned putta land, which has been rendered valueless by a deposit of river sand.

5. The change in the line of the embankment involved, however, an increase in the estimate, as the bank had, in many places, to be raised to its full height, from the bed of the river instead of duly from the top of the river bank.

6. On the 28th March, His Grace the Governor inspected the work and the slopes of the banks which had previously been fixed at 1 to 6, were, at his suggestion, increased to 2 to 1, a change which involved a large increase in the estimate not only in the sand-work which forms the basis of the embankment, but still more in the coating of clay and in the tiring with which it is to be eventually covered.

7. The covering of clay, moreover, which was fixed in the first place at a thickness of 4 inches has been increased to a thickness of 9 inches, and the charge for this part of the work has been estimated at a higher rate than previously as some difficulty is anticipated in obtaining the material, about which nothing was known at first.

8. From the above-mentioned circumstances, which I have thought it best to enter into at some length, it will be seen that there is not much connection between the original rough estimate and the correct detailed estimate now forwarded, and, much as I regret the large difference between the two totals, it has been necessitated unavoidably by the alterations in the line, in the thickness of the clay coating, and in the slopes of the embankment, the latter, of course, being the principal item.

9. I am only forwarding you a copy of the estimate, as the sections and plans are being copied for the information of the Chief Engineer, but should you desire it a copy of these shall be sent to you as soon as possible.

10. I have thought it best, however, not to delay the forwarding of the estimate until the plans were ready, the work being under execution, and there being such a large difference between the present and the original estimates.

11. I hope that measures may be undertaken soon for covering the completed portion of the bank with clay, as a fresh in the river would not leave much trace of the sand of which it is at present composed.

12. At the last moment I find that I can send you copies of the sections of the embankment, which I therefore enclose as well as the estimates.

(True Copy)

(Signed) W. S. WHITESIDE,
Collector.

ENCLOSURES Nos. 2, and 3.—Estimates.

ENCLOSURES Nos. 4 to 7.—Sections.

THE revised estimates will be submitted for the sanction of Government with reference to G.Os., dated 22nd February 1877, No. 785-A, and 30th March 1877, No. 1,273.

2. The countersignature of the District Engineer should have been obtained to the estimates.

3. They purport to provide for the whole work and include, it is presumed, that already executed, or a great part of it at least. The Board therefore do not understand why the amount is applied for in addition to that already sanctioned.

(True Copies and Extract.)

(Signed) H. E. STOKES,
Secretary.

No. 538.

ORDER THEREON, 28th May 1877, No. 1,333.

Miscellaneous.

THE estimates for the two embankments on the north and south banks of the Palar, amounting respectively to Rs. 8,000 and Rs. 7,487, are sanctioned; and as they provide for the whole cost of the works to be carried out, the Government presume the expenditure already incurred on them will be charged against the estimates.

(True Extract.)

(Signed) J. H. GARSTIN,
Additional Secretary to Government.

To the Board of Revenue.
" the Financial Department.
" the Public Works Department.
" the Accountant-General.

Exd. A. F. Goodall.

North Arcot
 2226 Revenue Department
 Proceedings of the Board of
 Revenue
 Dated 16th May 1877

Read the following No. 293

From W. S. Whiteside Esquire
 Collector of North Arcot

To H. E. Stokes Esquire
 Secretary to the
 Board of Revenue
 Madras

Let
 In their Proceedings dated
 19th March last No. 1273, the
 Government sanctioned Rs 2841,
 for the construction of the Palar
 embankment at Vellore. The
 work was accordingly put in
 hand and was inspected by
 His Grace the Governor on the
 occasion

Genl. of (1877) 23rd Nov.

REVENUE.

TO BOARD OF REVENUE.

1877

Q. O. 2500 May 1877, No. 1, 1833.

MAY

No. 637-538.

PAID BY THE BOARD OF REVENUE, NO. 1606.

North and South Palar Embankment.—Sanctioning the estimate for the work, amounting respectively to Rs. 8,000 and 7,187, and permitting that expenditure already incurred on them will be charged against the estimate.

occasion of his late visit to
Vellore. His Grace was pleased
to express an opinion that the
embankment should be con-
structed on a scale that would
greatly increase its strength
and efficiency as a protection
against flood, but which
would be more costly than
was originally contemplated.

2. Plans and amended esti-
mates were accordingly drawn
up by the Vellore Range Officer
Mr. Vincent which reached me
three days ago.

3. While they were in course
of preparation, the amount
originally

originally sanctioned for the
embankment was completely
expended, & it became necessary
to advance funds at once for
further expenditure in order
to provide labor for the large
body of Cooly people who were
then dependent for support on
that work. I therefore ventured
in anticipation of sanction to
place a further sum of Rs 2000
at the disposal of Major Liorde
who is in charge of the work,
so that it might be pushed on
without interruption.

4. I now enclose 2 estimates
one for the North bank of the Palari
and

Noted by the
original
Sanctioning
Authority
12/11/1901

and the other for the Southern one -
both amounting to Rs 154,874
Sections of the embankment toge-
ther with copy of Mr Vincent's letter
dated 28th Ulter 101, for the in-
formation of the Board.

5. The importance of the work
has been already fully explained by
me and Mr Vincent has now clearly
described in his letter, the circum-
stances which have contributed
to increase the estimate to the
large sum above named. This
additional outlay is absolutely
necessary for the full comple-
tion of the embankment on
both sides of the river in a
solid and substantial manner
as desired by His Grace the Governor
and

and the work will provide
ample labor to a considerable
number of the needy poor who
are now about to be thrown out
of employment in consequence
of the exhaustion of funds.

6. Under these circumstances
I request that you will be good
enough to obtain the necessary
sanction for the additional allo-
ment of Rs 154,874 in addition to
the already sanctioned amount
of Rs 2841 and to return the
estimates &c when no longer required.

7. Soliciting early orders
North arc
Collyer Office
Chittor
1st May 1877 } I have &c
(M) Mr. S. Whiteside
Collector
to the Secy to the
Board of Revenue
Madras

N^o 17 From the Assistant Engineer
Bellary Range

To The Collector of North Arcot.

1st In forwarding herewith the estimates amounting to Rs 15480 for embanking the North and South banks of the Palar river, above the bridge near Vellore, I have the honor to offer the following remarks on the subject.

2nd A survey of the locality was made in January last, & a rough estimate for the Sandwork of the proposed embankment was sent by me to the acting Sub Collector which amounted to a little under Rs 3000.

3rd The work was actually commenced at the beginning of March and when I was assisting Major Hardt who is in charge of the works to lay

layout the line of the embankment, I thought it best to alter the line from that laid down in the original plans, which ran along the top of the river bank, to a straighter line, which in some places ran through what had owing to encroachments, become part of the bed of the river, though, as a matter of fact, lately forming part of one puttah lands on its bank.

4th Numerous enciries in the embankment were there, avoided, the river will for the future be confined to its natural bed, and it may be possible to reclaim the above-mentioned puttah land, which has been rendered valueless by a deposit of river sand.

5th The change in the base of the
embankment involved, however,
an increase in the estimate as
the bank had in many places
to be raised to its full height, from
the bed of the river instead of July
from the top of the river bank.

6th On the 28th March, His Grace
the Governor inspected the work &
the slopes of the banks which had
previously been fixed at 1 to 6
there, at his suggestion, increased
to 2 to 1, a change which involved
a large increase in the estimate
not only in the sand work, which
forms the basis of the embank-
ment, but still more in the coating
of Clay and in the tramping with
which it is to be eventually co-
vered.

The

7th The Coating of Clay, moreover,
which was fixed in the first place
at a thickness of 4 inches, has been
increased to a thickness of 9 inches,
and the charge for this part of the
work, has been estimated at a
higher rate than previously as
some difficulty is anticipated in
obtaining the material, about
which nothing was known at first.

8th From the above mentioned
circumstances which I have thought
it best to enter into at some length,
it will be seen that there is not
much connection between the
original rough estimate, and the
correct detailed estimate now
forwarded, & such as I regret,
the large difference between the
two totals, it has been necessitated
unavoidably

unavoidably by the alterations
in the line, in the thickness of the
clay coating and in the slopes of
the embankment, the latter of
course being the principal item

9th I am only forwarding you
a copy of the estimate, as the
sections and plans are being
copied for the information of the
Chief Engineer, but should you
desire it, a copy of these shall
be sent to you as soon as possible.

10th I have thought it best, how-
ever, not to delay the forwarding
of the Estimate, until the plans
were ready, the work being
under execution and there being
such a large difference between
the present and the original esti-
mates

You think I
understand what to
do by your surveying
plan

11th I hope that measures may be
undertaken soon for covering
the completed portion of the bank
with clay as a fresh in the river
would not have much trace
of the sand of which it is at present
composed.

12th At the last moment, I find
that I can send you copies of the
sections of the embankment, which

Estimate to.

Vellore Range
Office, Vellore
28th April 1877

I have the
(1) C. Varian Esq
Asst Engineer
Vellore Range
(True Copy)
(2) Mr. S. Whitely
Collector

The revised estimates will be
submitted for the sanction of Govt
with reference to G.O. 22nd Feb.
1877 No 7854 + 30 March 1877 No 1273

2. The Counter-signature of the
District Engineer should have been

Nov. 1877
7th Dec 1877
Proceeding of the
Boardy Revenue
dated 16th May 1877
No. 17
on 6/1000
No. 17
Submittity for the
Junction of Govt with
Board's revenue the
revised estimate for
Completing the R. & S. and
Palas construction
in R. and S.
With order